

Kansas Corporation Commission Oil & Gas Conservation Division

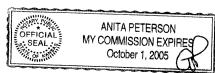
September 1999
Form Must Be Typed

Form ACO-1

WELL COMPLETION FORM

WELL HISTORY – DESCRIPTION OF WELL & LEASE

Operator: License #	5447		API No. 15 - <u>175-21961-0000</u>
Name:	OXY USA	\ Inc.	County: <u>Seward</u>
Address:	P.O. Box	2528	<u>SW - NE - NW Sec 25 Twp. 32 S. R 33W</u>
City/State/Zip:	Liberal, KS	67905	feet from S (N)circle one) Line of Section
Purchaser:	ONEC	Κ	feet from E / (Circle one) Line of Section
Operator Contact Persor	n: <u>Vicki Ca</u>	rder	Footages Calculated from Nearest Outside Section Corner:
Phone:	(620) 629-4200		(circle one) NE SE NW SW
Contractor: Name:	Murfin Drilling Co., In	D	Lease Name: <u>Baughman K</u> Well #: <u>3</u>
License:	30606		Field Name:
	Marvin T. Harvey, Jr		Producing Formation: Chester
Designate Type of Comp	oletion:		Elevation: Ground: 2749 Kelly Bushing: 2760
X New Well	Re-Entry	Workover	Total Depth: 6020 Plug Back Total Depth: 5610
Oil S	SWD SIOW	Temp. Abd.	Amount of Surface Pipe Set and Cemented atfeet
X Gas E	ENHR SIGW	RECEIVE	
Dry 0	Other (Core, WSW, Expl, C	athodic, etc)	If yes, show depth set 3133
If Workover/Re-entry: O	Other (Core, WSW, Expl, C	MAY 3 1 20	If Alternate II completion, cement circulated from
			CAPTER OF LAND II
•		TABLE WALLE	
Deepening Plug Back Commingled Dual Completion Other (SWD or B 02/03/05 Spud Date or Recompletion Date INSTRUCTIONS: An or Kansas 6702, within 120 Information of side two of 107 for confidentiality in	Docket No Enhr.?) Docket No 02/12/05 Date Reached TD iginal an two copies of this of days of the spud date, red of this form will be held con excess of 12 months). On	Conv. To Enhr./SWD ack Total Depth 03/22/05 Completion Date or Recompletion Date form shall be filed with the completion, workover or completion for a period of 12 ecopy of all wireline logs	Chloride content 3000 ml/g ppm Fluid volume 1650 bbls Dewatering method used Evaporation Location of fluid disposal if hauled offsite: Operator Name: Lease Name: Lease Name: County: Docket No.: Docket No.: Example Kansas Corporation Commission, 130 S. Market – Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. County: The Kansas Corporation Commission of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. County: The Kansas Corporation Commission of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. County: The Kansas Corporation Commission of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. County: The Kansas Corporation Commission of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. County: The Kansas Corporation Commission of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. County: The Kansas Corporation Commission of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. County: The Kansas Corporation Commission of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. County: The Kansas Corporation Commission of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. County: The Kansas Corporation Commission of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. County: The Kansas Corporation Commission of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. County: The Kansas Corporation Commission of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. County: The Kansas Corporation Commission of a well. Rule 82-3-130 and 82-3-107 apply.
	tatutes, rules and regulatio		te the oil and gas industry have been fully complied with and the statements
Signature:			KCC Office Use Only
			Letter of Confidentiality Attached
Title: Captial Pro	oject	_ Date May 27, 2005	If Denied, Yes Date:
Subscribed and sworn to	before me this	_day of May	
20 DS A		(Wireline Log Received
	Lita Vatara	A	Geologist Report Received
Notary Public:	yurg rener	10 N N N N N N N N N N N N N N N N N N N	-
Date Commission Expire	s: (Ict.), c		UIC Distribution



Side Two

Operator Name: _	OX.	Y USA Inc.			Lease Name:	Baughn	nan K	Well #:	3
Sec. <u>25</u>	Twp. <u>32</u> S.	R. <u>33W</u>	. 🔲 Ea	ast 🔲 West	County:		Seward		
time tool open and fluid recovery, and	Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copyof all Electric Wireline Logs surveyed. Attach final geological well site report.								
Drill Stem Tests T		X Yes	□ No		□ Log	□ Log Formation (Top), Depth and Datum □ Sample			
Samples Sent to 0	,	⊠ Yes	□ No		Name Heebner			Top 4110	Datum -1350
Cores Taken	,		— ⊠ No		Lansing			4238	-1478
Electric Log Run (Submit Copy)		X Yes	☐ No		Marmaton			4904	-2144
List All E. Logs Ru	ın: Neutron		Induction	ı	Cherokee			5091	-2331
Sonic	Microlog	l	TracerSo	an	Morrow			5438	-2678
Geological	Report				Chester			5594	-2834
	•				St. Geneviev	re		5782	-3022
					St. Louis	•		5883	-3123
		Report		SING RECORD	New urface, intermediat				
Purpose of String	Size Hole Drilled	Size Cas Set(in. O	sing	Weight Lbs./ft.	Setting Depth	Type of Cement	# Sacks Used		d Percent litives
Conductor	Drilled	Set(III. O	.D.)	LDS./II.	Бери	Cement	Used	Add	illives
Surface	12 1/4	8 5/8		24	1719	С	615	35/65 poz + Additives	
						С	195 Class C + Additives		
Production	7 7/8	4 1/2		10.5	6014	Н	400 50/50 Poz + Additives		
		Δ	ADITIDDA	NAL CEMENTI	ING / SQUEEZE	RECORD			
Purpose: Perforate	Depth Top Bottom	Type Cem		#Sacks Use	ed	Type and Percent Additives			
X_ Protect Casing	Est 1669-3133	c	;	60	35/65 Poz	35/65 Poz + Additives			
Plug Back TD Plug off Zone	-	Н	I	265	50/50 Poz	50/50 Poz + Additives (Cement Port Collar)			
Shots Per Foot	PERFORATION Specify Foo	NRECORD – tage of Each l	Bridge Plu Interval Pe	gs Set/type rforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
4		5891-58	97		Acidize - 1000 gls 15% FE, 96 bbls 17% HCL-FE				
	CIBI	P @ 5880 w	/2 sxs cm	t					
4	5620-56	28, 5648-56	50, 5714-	5719	1500 gls 7.	5% FE, 70QN2			
		CIBP @ 5	610						
4		5556-556	68		1500 gls 7.	5% FE-MCA (S	ee Side Three	e)	
TUBING RECORD Size Set At Packer At 2 3/8 5580					Liner Run	☐ Yes	⊠ No		
Date of First, Resum	ed Production, SWD o	r Enhr.	Producing	Method			,		
	15/05			-	lowing 🛛 Pum	ping 🔲 Ga	as Lift 🔲 O	ther <i>(Explain)</i>	
Estimated Production	Oil BBLS	3	G	Gas Mcf		r Bbls		il Ratio	Gravity
Per 24 Hours	0			201)	Oas-O	ii Nauo	Gravity
Disposition of Gas				COMPLETIC			Du. J	dian Inter	
·	. KJ 6.12 CT					,		tion Interval	
	d ☑ Sold ☐ nted, Submit ACO-:	Used on Lea 18)	ase	∐ Open	Hole 🛛 Perf	. 📙 Dually C	Comp. 📙 C	ommingled	
•		•		☐ Other	(Specify)				

Side Three

Operator Name:	OXY USA Inc.	Lease Name: Baughman K Well #:	3						
Sec. <u>25</u>	Twp. 32 S. R. 33W East West	County: Seward							
Shots Per Foot	PERFORATION RECORD – Bridge Plugs Set/type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth							
		36700 gls WF130,70QN2, 46000# 20/40 Sand							

Cementing Service Report

Customer Job Number OXY USA, INC. 2205547664 Well Location (legal) Schlumberger Location Job Start Baughman 'K' 3 Sec 25-32S-33W Perryton, TX 2005-Feb-04 Field Formation Name/Type Deviation Bit Size Well MD Well TVD 12.3 in 1,721 ft 1,721 ft State/Province County BHP BHST BHCT Pore Press. Gradient Seward Kansas psi 98 °F psi/ft Well Master: 0630657636 API / UW/I: Casing/Liner Rig Name Drilled For Service Via Weight, lb/ft Depth. ft Size, in Grade Thread **CHEYENNE 1** Gas 1711 8.63 8RD 24 Offshore Zone Well Class Well Type New Development **Tubing/Drill Pipe** Plastic Vi: cp **Drilling Fluid Type** Max. Density Size. in Weight, lb/ft Depth. Grade Thread Bentonite 9.3 lb/gal 33 Service Line Job Type Cementing Cem Surface Casing Perforations/Open Hole Max. Allowed Tubing Pressure Max. Allowed Ann. Pressure WellHead Connection Bottom, ft No. of Shots Top, ft spf Total Interval 2000 psi 8 5/8" H&SM Service Instructions Diameter CEMENT 8 5/8" SURFACE CASING WITH: in 10 BBL FRESH WATER Treat Down Displacement Packer Type Packer Depth 615 SK 35:65 POZ C + 6% D020 + 2% S001 + 0.5 pps D029 Casing 107 bbl ft 195 SK CLASS C + 2% S001 + 0.25 pps D029 Tubing Vol. Casing Vol. Annular Vol. OpenHole Vol **DISPLACE WITH FRESH WATER** bbl 109 bbl 126 bbl 235 bbl Casing/Tubing Secured 1 Hole Volume Circulated prior to Cementing Casing Tools Squeeze Job Lift Pressure: 400 psi Shoe Type: Auto-Fill Squeeze Type Pipe Rotated Pipe Reciprocated Shoe Depth: Tool Type: 1681 ft No. Centralizers: Top Plugs: 1 Bottom Plugs: Stage Tool Type: Tool Depth: ft Cement Head Type: Single Stage Tool Depth: ft Tail Pipe Size: in Job Scheduled For: Arrived on Location: Leave Location: Collar Type: Tall Pipe Depth: ft Collar Depth: 2005-Feb-04 18:00 2005-Feb-04 21:00 Sqz Total Vol: ft bbl Annulus Density Date Time Rate Volume 0 Message 24 hr psi 1b/gal bbl/min bbl o 0 2005-Feb-04 18:21 Start Job 2005-Feb-04 18:21 5 8.36 0.0 0.0 0 0 0 2005-Feb-04 18:21 Pressure Test Lines 2005-Feb-04 18:21 Pressure Test Lines 2005-Feb-04 18:21 5 8:36 0.0 0.0 0 0 0 2005-Feb-04 18:22 0 8.36 0.0 0.0 0 0 0 2005-Feb-04 18:22 Start Pumping Spacer 2005-Feb-04 18:22 0 8.36 0.0 0.0 0 0 0 2005-Feb-04 18:23 0 8.36 0.0 0.0 0 0 0 2005-Feb-04 18:24 0 8.36 0.0 0.0 0 0 0 2005-Feb-04 18:25 0 8.36 0.0 0.0 0 0 0 2005-Feb-04 18:26 0 8.36 0.0 0.0 0 0 0 2005-Feb-04 18:27 0 8.36 0.0 0.0 0 0 0 2005-Feb-04 8.36 18:28 0 0.0 0.0 0 0 0 2005-Feb-04 18:29 0 8.36 0.0 0 0.0 0 0 2005-Feb-04 18:30 0 8.36 0.0 0.0 0 0 0 2005-Feb-04 18:31 0 8.36 0.0 0.0 0 0 0 2005-Feb-04 18:32 0 8.36 0.0 0.2 0 0 0 2005-Feb-04 18:33 0 8.36 4.2 0.5 0 0 0 2005-Feb-04 18:34 0 8.34 5.6 5.8 0 0 0 2005-Feb-04 0 8.38 18:35 5.4 9.6 0 0 0

18:35

2005-Feb-04

End Spacer

Well			Field		Servic	e Date	Customer		Job Number	
Baughman 'K' #3				05	35-Feb-04		OXY USA, INC	2205547664		
Date	Time	Annulus	Density	Rate	Volume	.0	0	0	Message	
	24 hr clock	psi	ib/gal	bbl/min	istsi	0				
2005-Feb-04	18:35	0	8.40	5.4	9.7	0	0	0		
		<u> </u>	0.40	3.4	9.1	ļ		0	Deart Tatal Val - 0.72 bbl	
2005-Feb-04	18:35								Reset Total, Vol = 9.73 bbl	
2005-Feb-04	18:35		0.47						Start Mixing Lead Slurry	
2005-Feb-04	18:35	0	8.47	5.5	0.5	0	0	0		
2005-Feb-04	18:35	0	8.63	5.5	1.5	0	0	0	450	
2005-Feb-04	18:36	0	9.55	5.0	6.7	0	0	0		
2005-Feb-04	18:37	0	11.32	5.0	11.8	0	0	0		
2005-Feb-04	18:38	0	12.37	5.1	16.8	0	0	0		
2005-Feb-04	18:39	0	12.64	5.1	21.9	0	0	0		
2005-Feb-04	18:40	0	11.54	5.1	27.0	0	0	0		
2005-Feb-04	18:41	0	12.47	5.1	32.1	0	0	0		
2005-Feb-04	18:42	0	12.43	5.9	37.9	0	0	0		
2005-Feb-04	18:43	0	12.09	5.9	43.8	0	0	0		
2005-Feb-04	18:44	0	12.36	5.9	49.7	0	0	0		
2005-Feb-04	18:45	0	12.15	5.9	55.6	0	0	0		
2005-Feb-04	18:46	0	12.24	6.0	61.5	0	0	0		
2005-Feb-04	18:47	0	12.08	6.0	67.5	0	0	0		
2005-Feb-04	18:48	0	11.99	6.0	73.4	0	0	0		
2005-Feb-04	18:50	0	11.83	5.0	78.8	0	0	0		
2005-Feb-04	18:51	0	12.20	4.8	83.9	0	0	0		
2005-Feb-04	18:52	0	12.40	4.3	88.5	0	0	0		
2005-Feb-04	18:53	0	12.35	4.9	93.3	0	0	0		
2005-Feb-04	18:54	0	12.11	4.9	98.2		0	J		
						0		0		
2005-Feb-04	18:55	0	12.30	4.9	103.1	0	0	0		
2005-Feb-04	18:56	0	13.06	5,9	108.7	0	0	0		
2005-Feb-04	18:57	0	12.89	5.6	114.5	0	0	0		
2005-Feb-04	18:58	0	12.41	5.6	120.1	0	0	0		
2005-Feb-04	18:59	0	12.47	5.8	125.8	0	0	0		
2005-Feb-04	19:00	0	12.69	5.8	131.7	0	0	0		
2005-Feb-04	19:01	0	12.46	5.8	137.4	0	0	0		
2005-Feb-04	19:02	0	12.08	5.8	143.3	0	0	0		
2005-Feb-04	19:03	0	12.35	5.8	149.1	0	0	0		
2005-Feb-04	19:04	0	12.24	5.8	154.9	0	0	0		
2005-Feb-04	19:05	0	11.82	5.1	160.2	0	0	0		
2005-Feb-04	19:06	5	12.27	5.1	165.3	0	0	0		
2005-Feb-04	19:07	0	12.92	5.8	171.0	0	0	0		
2005-Feb-04	19:08	0	12.23	5.8	176.8	0	0	0		
2005-Feb-04	19:09	5	12.28	5.8	182.6	0	0	0		
2005-Feb-04	19:10	0	12.34	5.8	188.4	0	0	0		
2005-Feb-04	19:11	0	12.28	5.8	194.2	0	0	0		
2005-Feb-04	19:12	0	12.35	5.8	200.0	0	0	0		
2005-Feb-04	19:13	0	12.32	5.8	205.9	0	0	0		
2005-Feb-04	19:14	0	12.20	5.8	211.7	0	0	0		
2005-Feb-04	19:15	5	12.23	5.8	217.5	0	0	0		
2005-Feb-04	19:16	5	12.06	5.8	223.3	0	0	0		
2005-Feb-04	19:17	5	12.00	5.6 5.8	229.2	0				
2005-Feb-04 2005-Feb-04	19:17	0	13.82			0	0	0		
2005-Feb-04 2005-Feb-04		U	10.02	5.8	232.0	U	0	0	Paradon de la companya del companya del companya de la companya de	
	19:17		40.00		~ .				Reset Total, Vol = 231.97 bbl	
2005-Feb-04	19:17	0	13.86	5.8	0.1	0	0	0		
2005-Feb-04	19:17								End Lead Slurry	
2005-Feb-04	19:17	0	13.91	5.8	0.2	0	0	0		
2005-Feb-04	19:17								Reset Total, Vol = 0.19 bbl	
2005-Feb-04	19:17	0	13.99	5.9	0.2	0	0	0		
2005-Feb-04	19:17 v3.411-SR								Start Mixing Tail Slurry	

Well	Minter de la companya		Field		Servic	e Date	Customer		Job Number
E	Baughman	'K' #3			05	35-Feb-04		OXY USA, INC	. 2205547664
Date	Time	Annulus	Density	Rate	Volume	0	0	0	Message
	24 hr								
	clock	psi	lb/gal	himidd	bbl	0	0	0.	
2005-Feb-04	19:18	0	14.81	5.8	2.8	0	0	0	
2005-Feb-04	19:19	5	14.98	5.4	8.1	0	0	0	
2005-Feb-04	19:20	0	14.77	5.4	13.5	0	0	0	
2005-Feb-04	19:21	0	14.95	6.1	19.3	0	0	0	
2005-Feb-04	19:22	5	15.10	6.1	25.4	0	0	0	
2005-Feb-04	19:23	0	14.90	6.1	31.6	0	0	0	
2005-Feb-04	19:24	0	14.81	5.9	37.5	0	0	0	
2005-Feb-04	19:25	0	15.04	5.4	43.2	0	0	0	
2005-Feb-04	19:25								End Tail Slurry
2005-Feb-04	19:25	0	15.04	0.0	46.2	0	0	0	Life van Sierry
2005-Feb-04	19:25	5	15.01	0.0	46.2	0	0	0	
2005-Feb-04	19:25		10.01		19.44		-		Reset Total, Vol = 46.20 bbl
2005-Feb-04	19:25			***************************************					
2005-Feb-04	19:25	0	15.01	0.0	0,0	0	0	0	Drop Top Plug
2005-Feb-04	19:25		10.01		0.0	-		<u> </u>	Donat Tatal Val - 0.00 Ltd
2005-Feb-04	19:25	0	14.99	0.0	0.0	0	0		Reset Total, Vol = 0.00 bbl
2005-Feb-04	19:25		14.33	0.0	0.0	U	<u> </u>	0	
2005-Feb-04	19:26	5	14.97	0.0					Start Displacement
2005-Feb-04	19:27	0	13.69	0.0	0.0	0	0	0	
	+			0.0	0.0	0	0	0	
2005-Feb-04	19:28	0	9.23	5.6	0.1	0	0	0	
2005-Feb-04	19:29	5	8.70	5.6	5.9	0	0	0	
2005-Feb-04	19:30	0	8.49	5.6	11.5	0	0	0	
2005-Feb-04	19:31	0	8.37	5.7	17.2	0	0	0	
2005-Feb-04	19:32	0	8.38	5.7	22.9	0	0	0	
2005-Feb-04	19:33	0	8.36	5.7	28.6	0	0	0	
2005-Feb-04	19:34	0	8.36	5.7	34.3	0	0	0	
2005-Feb-04	19:35	0	8.36	5.8	40.1	0	0	0	
2005-Feb-04	19:36	5	8.36	5.7	45.9	0	0	0	
2005-Feb-04	19:37	0	8.36	5.5	51.5	0	0	0	
2005-Feb-04	19:38	5	8.36	5.5	57.0	0	0	0	
2005-Feb-04	19:39	0	8.36	5.6	62.5	0	0	0	
2005-Feb-04	19:40	0	8.36	5.4	67.9	0	0	0	
2005-Feb-04	19:41	0	8.36	5.4	73.3	0	0	0	
2005-Feb-04	19:42	0	8.36	5.4	78.7	0	0	0	
2005-Feb-04	19:43	0	8.34	5.4	84.1	0	0	0	
2005-Feb-04	19:44	0	8.35	5.4	89.6	0	0	0	
2005-Feb-04	19:45	0	8.35	5.0	94.9	0	0	0	
2005-Feb-04	19:46	0	8.35	2.8	99.3	0	0	0	And the supplied of the suppli
2005-Feb-04	19:47	0	8.35	1.8	101.4	0	0	0	
2005-Feb-04	19:48	0	8.35	1.8	103.2	0	0	0	The state of the s
2005-Feb-04	19:49	0	8.35	1.8	105.1	0	0	0	
2005-Feb-04	19:50	0	8.35	0.0	106.8	0	0	0	
2005-Feb-04	19:51	0	8.35	0.0	106.8	0	0	0	
2005-Feb-04	19:51				. 30,0	· · · · · · · · · · · · · · · · · · ·	+		Rump Top Dius
2005-Feb-04	19:51	0	8.35	0.0	106.8	0	0	0	Bump Top Plug
	19:51	0	8.35	0.0	106.8	0	0	0	The second secon
	19:51				100.0	<u> </u>	U		Cnd Dianingana (
	19:51	0	8.35	0.0	106.8	0	0		End Displacement
	19:51		0.00	0.0	100.0	U	U	0	The state of the s
	10.01		<u>_</u>						Reset Total, Vol = 106.83 bbl

Well	***************************************		Field			Service E	ate	Cust	omer			-,	Job Numb	er
Ba	iughman 'K' #	3				0535-	Feb-04	OXY USA, INC.				2205	547664	
Date Time Annulus Density Rate Volume 24 hr. clack psi lb/gal bb/min bbl							0		0	0		Ŋ	lessage	
Parky A. C. D.		<u> </u>			Pos	st Job Su	mmary	- 1					1.198.65	
	Avera	ige Pump R	ates,	bpm					,	Volume of FI	uid Inject	ed, bbl	1	
Slurry	N2		Mud		Maximum Ra	te Tota	l Slurry		Mι	ıd	Spa	icer	N2	2
4.5					6		287			0		10		
	Tre	ating Press	ure Sum	mary, ps	j				TEACHTRANE THE SECTION	Breakdown	Fluid			
Maximum	Final	Average	Bump	Plug to	Breakdow	n				Volume		De	nsity	
450		230		800							bbl		8.34 lb	/gal
Avg. N2 Percent	Des	igned Slurry V	olume	Displac	ement	Mix Wate	r Temp	~	Ceme	ent Circulated to	Surface?	Volume	65	bbl
	%	287	bbl	105.	5 bbl		°F		Wash	ed Thru Perfs	То		ft	
Customer or Aut	horized Repr	esentative		Schlum	berger Supe	rvisor	•			***************************************				
	-	Willimo	n, Wes				Tan	Nave	en	Circulation	onLost	~	Job Compl	eted

Date	2/4/2005
Company	Oxy USA Inc.
Job Number	2205547664
Well Name	Baughman
Well Number	K-3
County	Seward
State	Kansas

		Lead
615	sacks	35:65 Poz C
2.19	yield	D20,S1,D29
12.2	weight	
12.4	water	182
	cubic ft.	1347
	height	3264
	bbls	240

		Tail	
195	sacks	Class C	
1.34	yield	S1,D29	
14.8	weight		
6.35	water	29	
	cubic ft.	261	
	height	633	
	bbls	46.5	

	System	CHANGE OF THE CHARLES
0 sacks		
0 yield		
0 weight		
0 water	0	
cubic ft.	0	
height	0	
bbls	0	

4th	n System	CLEARRAND P
sacks		
yield weight	, :	
water	0	
cubic ft.	0	
height	0	
bbls	0	

Pipe Size
Pipe Weight
Pipe Depth
Shoe Length
Insert Depth
Hole Size
Hole Depth

8 5/8	
24	24
1711.18	
30.18	
1681	
12 1/4	
1720.87	

Pipe Volume 109
235 Annular Volume 126
Total Cement 286
Total Water 318

Pipe Factor	0.0637	0.0637
Annular Factor	0.0735	
Height Factor	2.4231	

Casing lift 703 Cement lift 420

Test 2000 psi

Mud

10 Spacer

240 Lead

12.2

47 Tail

14.8

107.1 Displacement

2000 Maximum Pressure

Pump time @ 4 BPM

98 MIN

Cementing Service Report

Job Number Customer 2205547413 OXY USA. INC. Schlumberger Location Job Start Location (legal) Well 2005-Feb-14 Perryton, TX BAUGHMAN 'K' 3 SEC 25-32S-33W Well MD Well TVD Deviation Bit Size Field Formation Name/Type 7.88 in 6,020 ft 6.020 ft State/Province BHP BHST BHCT Pore Press. Gradient County psi/ft KANSAS 140 °F SEWARD psi API/INATI Casing/Liner Well Waster 0630657636 Weight, lb/ft Thread Depth. ft Grade Service Via Size. in Rig Name Drilled For 5972 4.5 10.5 MURFIN 22 Oil & Gas land Well Class Offshore Zone Well Type Tubina/Drill Pipe i iya k (MA) New Development Plastic Vii CD Size, in Depth. Weight, Ib/ft Grade Thread **Drilling Fluid Type** Max. Density lb/gal Service Line Job Type Perforations/Open Hole Cem Prod Casing Cementing WellHead Connection No. of Shots Total interval Max. Allowed Tubing Pressure Max. Allowed Ann. Pressure Top, ft Bottom, ft psi psi 41/2" H & SM Service Instructions Diameter CEMENT PROD 41/2" CASING: 20 BBLS CW100 Treat Down Displacement Packer Type Packer Depth 400 SKS 50/50 POZ/CLASS H + 2%D20 + 3%M117 + 5 PPSD42 + 5 95 bbl Casing PPS D53 + 0.25 %D112 + 0.25 %D65 + 0.25%D46 Tubing Vol. Casing Vol. Annular Vol. OpenHole Vol + 25 sks FOR RAT AND MOUSE HOLE. 96 bbl 244 bbl 340 bbl bbl Casing/Tubing Secured 🕡 1 Hole Volume Circulated prior to Cementing **Casing Tools** Squeeze Job Lift Pressure: 950 psi Shoe Type: Squeeze Type Pipe Rotated Pipe Reciprocated 🗸 Shoe Depth: 6015 ft Tool Type: Bottom Plugs: No. Centralizers: Top Plugs: Stage Tool Type: Tool Depth: ft Cement Head Type: Stage Tool Depth: Tail Pipe Size: Single ft in Job Scheduled For: Arrived on Location: Leave Location: Collar Type: Tail Pipe Depth: ft 3:00 Collar Depth: Saz Total Vol 2005-Feb-13 18:00 2005-Feb-14 5972 ft bbi Date Time Treating Flow Rate Volume CMT DENS Flowmeter Tot 0 Message Rate Pressure 24 hr elock psi bbl/min hbl Ibigal hhl/min bbl 0 2005-Feb-14 0:52 0 0.0 0.0 8.34 0.0 0.0 0 2005-Feb-14 0:52 0 0.0 0.0 8.34 0.0 0.0 0 2005-Feb-14 0:52 Start Job 2005-Feb-14 0:52 0 0.0 0.0 8.34 0.0 0.0 0 2005-Feb-14 0:53 -5 0.0 0.0 8.34 0.0 0.0 0 2005-Feb-14 0 0.0 0:53 0.0 8.34 0.0 0.0 0 2005-Feb-14 0:54 -5 0.0 0.0 8.34 0.0 0.0 0 2005-Feb-14 0:54 -5 0.0 0.0 8 34 0.0 0.0 O 2005-Feb-14 0:55 -5 0.0 0.0 8.34 0.0 0.0 0 2005-Feb-14 0:55 -5 0.0 0.0 8.33 1.7 0.4 0 2005-Feb-14 0:56 27 0.0 0.0 8.33 1.8 0.8 n 2005-Feb-14 46 0:56 0.4 0.0 8.33 03 0.9 Ω 2005-Feb-14 0:57 2124 0.0 0.0 8.33 0.0 1.0 0 2005-Feb-14 0:57 1955 0.0 0.0 8.34 0.0 1.0 0 2005-Feb-14 0:58 3127 0.0 0.0 8.34 0.0 1.0 0 2005-Feb-14 0:58 3007 0.0 0.0 8.34 0.0 1.0 0 2005-Feb-14 0:58 2975 0.0 0.0 8.34 0.0 1.0 ٥ 2005-Feb-14 0:58 Pressure Test Lines 2005-Feb-14 0:59 69 0.0 0.0 8.34 0.0 1.0 O 2005-Feb-14 0:59 -5 0.0 0.0 8.34 0.0 1.5 0 2005-Feb-14 1:00 -5 0.0 0.0 8.34 0.0 1.5 0 2005-Feb-14 1:00 9 0.0 0.0 8.34 0.0 1.5 0 Feb 14,2005 WRS3 v3.411-SR

Well			Field		1	e Date	Customer	,	Job Number
ВА	UGHMAN	'K' #3			05	45-Feb-14		OXY USA, INC	. 2205547413
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	Flowmeter Rate	Flowmeter Tot	0	Message
	24.hr	na kan kan sa Kalin Tabada	bb//min	bbl	lb/gal	bbl/min	bbl	0	
000F F 1 44	clock	psi		** **** ** ** ****	<u> </u>				
2005-Feb-14	1:01	298	2.2	0.5	8.35	2.0	2.0	0	
2005-Feb-14	1:01	275	3.9	2.1	8.35	3.9	3.5	0	
2005-Feb-14	1:02	270	4.2	4.2	8.35	4.3	5.7	0	
2005-Feb-14	1:02	307	5.1	6.6	8.35	5.2	8.1	0	
2005-Feb-14	1:02								Start Pumping Wash
2005-Feb-14	1:02	261	5.2	7.6	9.49	28.4	9.1	0	
2005-Feb-14	1:03	293	5.1	9.2	8.77	5.2	13.0	0	
2005-Feb-14	1:03	298	5.1	11.8	8.38	5.2	15.6	0	
2005-Feb-14	1:04	357	5.6	14.6	8.36	5.7	18.5	0	
2005-Feb-14	1:04	362	5.6	17.4	8.36	5.6	21.3	0	
2005-Feb-14	1:05								End Wash
2005-Feb-14	1:05	9	0.0	18.8	8.35	0.0	22.9	0	
2005-Feb-14	1:05								Reset Total, Vol = 18.76 bbl
2005-Feb-14	1:05	9	0.0	18.8	8.35	0.0	22.9	0	
2005-Feb-14	1:05	9	0.0	0.0	8.35	0.0	0.0	0	
2005-Feb-14	1:05	0	0.0	0.0	8.35	0.0	0.0	0	
2005-Feb-14	1:06	0	0.0	0.0	9.40	4.0	0.4	0	
2005-Feb-14	1:06	-5	0.0	0.0	10.79	4.3	2.5	0	
2005-Feb-14	1:07	0	0.0	0.0	12.10	4.3	4.7	0	
2005-Feb-14	1:07	-5	0.0	0.0	12.89	4.4	6.8	0	
2005-Feb-14	1:08	0	0.0	0.0	13.66	4.3	9.0	0	
2005-Feb-14	1:08	0	0.0	0.0	14.30	4.3	11.2	0	
2005-Feb-14	1:09	46	0.0	0.0	14.12	1.8	12.5	0	
2005-Feb-14	1:09	46	0.0	0.0	14.01				
2005-Feb-14	1:10	46				1.8	13.4	0	
2005-Feb-14	1		0.0	0.0	14,01	1.8	14.3	0	
	1:10	0	0.0	0.0	13.95	0.0	14.8	0	
2005-Feb-14	1:11	0	0.0	0.0	13.98	0.0	14.8	0	
2005-Feb-14	1:11	-5	0.0	0.0	13.99	0.0	14.8	0	
2005-Feb-14	1:12	-5	0.0	0.0	14.01	0.0	14.8	0	
2005-Feb-14	1:12	-5	0.0	0.0	14.01	0.0	14.8	0	
2005-Feb-14	1:13	0	0.0	0.0	14.02	0.0	14.8	0	
2005-Feb-14	1:13	46	0.0	0.0	13.94	1.8	15.5	0	
2005-Feb-14	1:14	55	0.0	0.0	13.89	2.1	16.5	0	
2005-Feb-14	1:14	60	0,0	0.0	13.89	2.3	17.6	0	
2005-Feb-14	1:15	-9	0.0	0.0	13.79	0.2	18.5	0	
2005-Feb-14	1:15	-5	0.0	0.0	13.78	0.0	18.5	0	
2005-Feb-14	1:16	-5	0.0	0.0	10.56	2.8	18.7	0	
2005-Feb-14	1:16	0	0.0	0.0	9.59	0.0	19.3	0	
2005-Feb-14	1:17	-5	0.0	0.0	9.59	0.0	19.3	0	
2005-Feb-14	1:17	-5	0.0	0.0	9.60	0.0	19.3	0	
2005-Feb-14	1:18	46	0.0	0.0	8.43	2.2	19.9	0	
2005-Feb-14	1:18	-5	0.0	0.0	8.38	0.0	20.1	0	
2005-Feb-14	1:19	5	0.0	0.0	8.41	0.0	20.1	0	
2005-Feb-14	1:19	0	0.0	0.0	9.72	4.6	21.8	0	
2005-Feb-14	1:20	499	3.7	0.7	10.76	0.8	22.7	0	
2005-Feb-14	1:20	302	3.6	2.2	12.98	3.3	23.9	0	
2005-Feb-14	1:21	380	4.7	4.2	13.94	4.3	25.7	0	
2005-Feb-14	1:21	302	4.6	6.5	13.39	4.3			
2005-Feb-14	1:22	252	4.6	8.4		ļ	27.8	0	
2005-Feb-14	1:22	404	4.0	0.4	13.65	4.4	29.6	0	
2005-Feb-14	1:22	256	4.6	0.0	1070				Start Cement Slurry
2005-Feb-14 2005-Feb-14		256	4.6	8.8	13.70	4.3	30.0	0	
2005-Feb-14 2005-Feb-14	1:22	279	5.0	11.3	13.90	4.8	11.1	0	
	1:23	298	5.8	14.1	13.89	5.6	13.8	0	
2005-Feb-14	1:23	256	5.7	17.0	13.69	5.6	16.6	0	

Well			Field		Ser	vice Date	Customer			Job Number	
BA	NUGHMAN	I'K'#3				0545-Feb-14 OXY US		OXY USA, INC.	lining		
Date	Time	Treating Pressure	Flow Rate	Yolume	CMT DEN	S Flowmeter Rate	Flowmeter Tot	0	M	essage	
	24 hr				rayan, ba. Habiya sada		Parks I a				
	clock	psi	bbl/min	bbl	lb/gal	bbl/min	bbi	0			
2005-Feb-14	1:24	247	5.8	19.9	13.82		19.5	0			
2005-Feb-14	1:24	224	5.9	22.8	14.08		22.3	0		The state of the s	
2005-Feb-14	1:25	220	5.9	25.9	14.09		25.3	0			
2005-Feb-14	1:25	206	5.9	28.8	13.83		28.1	0			
2005-Feb-14	1:26	197	5.9	31.8	13.79		31.0	0			
2005-Feb-14	1:26	211	6.0	34.7	13.81		33.9	0			
2005-Feb-14	1:27	206	6.0	37.7	13.82		36.8	0	ļ		
2005-Feb-14	1:27	206	6.0	40.7	13.78		39.7	0			
2005-Feb-14	1:28	201	6.0	43.7	13.76		42.6	0			
2005-Feb-14	1:28	215	6.0	46.7	13.95		45.5	0			
2005-Feb-14	1:29	220	6.0	49.7	13.97		48.5	0		randon Andreas and Security Control of the Control	
2005-Feb-14	1:29	220	6.1	52.8	14.05		51.4	0		ny sa dia ang managan kangada na dia kananaka mandalika menkanbanaka dia dia dia dia 1900 men	
2005-Feb-14	1:30	233	6.1	55.8	14.02	6.0	54.4	0			
2005-Feb-14	1:30	224	6.1	58.9	13.93		57.4	0			
2005-Feb-14	1:31	220	6.2	62.0	13.82		60.4	0			
2005-Feb-14	1:31	224	6.1	65.0	13.73		63.4	0			
2005-Feb-14	1:32	215	6.2	68.1	13.51	6.0	66.5	0			
2005-Feb-14	1:32	220	6.2	71.2	13.79	6.0	69.5	0			
2005-Feb-14	1:33	215	6.1	74.2	13.94	6.1	72.5	0			
2005-Feb-14	1:33	206	6.0	77.3	13.92	6.0	75.5	0			
2005-Feb-14	1:34	211	6.0	80.3	13.82	5.9	78.4	0		and a special	
2005-Feb-14	1:34	206	6.0	83.4	13.94	6.0	81.4	0			
2005-Feb-14	1:35	206	6.0	86.4	13.79	5.9	84.3	0			
2005-Feb-14	1:35	211	6.0	89.4	13.85	5.8	87.3	0			
2005-Feb-14	1:36	215	6.1	92.4	13.91	5.8	90.2	0		*** *** *** *** *** *** *** *** *** **	
2005-Feb-14	1:36	211	6.1	95.5	13.93	5.9	93.1	0			
2005-Feb-14	1:37	211	6.1	98.5	13.83	5.9	96.1	0			
2005-Feb-14	1:37	220	6.1	101.5	13.87	6.0	99.0	0		***************************************	
2005-Feb-14	1:38	211	6.1	104.6	13.85	5.9	102.0	0			
2005-Feb-14	1:38	229	6.1	107.6	13.99	6.1	105.0	0			
2005-Feb-14	1:39	238	6.1	110.7	13.99		108.0	0	1		
2005-Feb-14	1:39	256	6.2	113.7	14.43	6.1	111.1	0		and the second s	
2005-Feb-14	1:40	-5	0.0	115.1	14.04		112.7	0			
2005-Feb-14	1:40			<u> </u>	 				End Cement	Slurry	
2005-Feb-14	1:40		İ	 					1	/ol = 115.07 bbl	
2005-Feb-14	1:40	-5	0.0	115.1	14.03	0.0	112.7	0			
2005-Feb-14	1:40	-5	0.0	0.0	14.02		0.0	0	1	++	
2005-Feb-14		-9	0.0	0.0	11.25		0.3	0		and the second s	
2005-Feb-14		-5	0.0	0.0	9.44		2.4	0			
2005-Feb-14	1:41	-5	0.0	0.0	9.43		4.6	0	 		
2005-Feb-14	1:42	37	2.7	0.0	9.38		7.1	0			
2005-Feb-14	1:42	110	3.7	0.0	9.30		8.7	0			
2005-Feb-14		105	3.7	0.0	8.72		10.5	0		PANPI I I I I I I I I I I I I I I I I I I	
2005-Feb-14		124	4.2	0.0	8.63		12.6	0			
2005-Feb-14	1:44	124	4.2	0.0	8.45		14.8	0			
2005-Feb-14		114	4.1	0.0	8.10		16.9	0			
2005-Feb-14	1:45	119	4.1	0.0	8.36		19.0				
2005-Feb-14	1:45	-5	0.0	0.0	8.34		19.0	0		the same to the sa	
2005-Feb-14	1:46	-5	0.0	0.0	8.35			0			
2005-Feb-14		-5 50	5.1				19.8	0			
2005-Feb-14	1:47			1.3	8.35		21.3	0			
2005-Feb-14 2005-Feb-14		73	5.8	4.2	8.35	6.0	24.2	0	<u> </u>		
2005-Feb-14	1:47	69	5.8	7.1	8.35		27.2	0			
	1:48	69	5.8	10.0	8.35	5.9	30.1	0			
2005-Feb-14 Feb 14,2005 WRS	1:48		<u></u>	<u> </u>	<u> </u>			<u> </u>	Start Displace	ement	

Well		and a second control of the second control o	Field		Service	i	Customer		Job Number
BAUGHMAN 'K' #3				054	15-Feb-14		OXY USA, INC.	2205547413	
Date	Time	Treating Pressure	Flow Rate	Volume	CMT DENS	Flowmeter Rate	Flowmeter Tot	0	Message
	24 hr clock	psi	bbl/min	bbi	lb/gal	bbl/min	bbl	. 0	
2005-Feb-14	1:48	73	5.8	11.4	8.35	6.0	31.6	0	
2005-Feb-14 2005-Feb-14	1:48	73	3.0	11.7	0.00	0.0	01.0	<u> </u>	Drop Top Plug
2005-Feb-14	1:48	73	5.8	11.5	8.35	5.9	31.7	0	
2005-Feb-14	1:48	73 69	5.8	12.9	8.35	6.0	33.1	0	
2005-Feb-14 2005-Feb-14	1:49	69	5,8	15.8	8.35	5.9	36.1	0	
2005-Feb-14	1:49	73	5.9	18.7	8.35	6.0	18.7	0	
2005-Feb-14	1:50	64	5.8	21.6	8.35	5.9	21.6	0	
2005-Feb-14 2005-Feb-14	1:50	69	5.8	24.5	8.35	5.9	24.6	0	
2005-Feb-14	1:51	69	5.8	27.4	8.35	6.0	27.6	0	
2005-Feb-14	1:51	73	5.8	30.3	8.35	5.9	30.5	0	
2005-Feb-14	1:52	69	5,8	33.1	8.35	5.9	33.5	0	
2005-Feb-14	1:52	69	5.7	36.0	8.35	5.8	36.4	0	
2005-Feb-14	1:53	69	5.7	38.9	8.35	5.9	39.4	0	
2005-Feb-14	1:53	69	5.7	41.7	8.35	5.9	42.3	0	
2005-Feb-14	1:54	73	5.7	44.7	8.35	5.8	45.4	0	
2005-Feb-14	1:54	73 69	5.7	47.5	8.35	5.8	48.3	0	
2005-Feb-14	1:55	179	5.7	50.3	8.35	5.8	51.2	 	
2005-Feb-14	1:55	206	5.7	53.2	8.35	5.9	54.1	0	
2005-Feb-14	1:56	247	5.7	56.1	8.35	5.8	56.9		
2005-Feb-14	1:56	334	5.7	58.9	8.35	5.8	59.8	0	
2005-Feb-14	1:57	389	5.7	61.8	8.35	5.8			
2005-Feb-14	1:57	458	5.8	64.6		5.8	62.7	0	
2005-Feb-14	1:58	522	5.9	67.5	8.35 8.35		65.6	0	
2005-Feb-14	1:58	522 591	5.9 5.9	70.5		5.8	68.5	0	
2005-Feb-14	1:59	650	5.9		8.35	5.8	71.4	0	
2005-Feb-14	1:59	723		73.4	8.35	5.9	74.3	0	
2005-Feb-14	2:00	792	6.0 6.0	76.3 79.3	8.35	5.9	77.2	0	
2005-Feb-14	2:00	856	6.0	82.4	8.35	5.9	80.2	0	
2005-Feb-14	2:01	925	5.9	85.4	8.35	6.0	83.2	,0	
2005-Feb-14	2:01	764	2.6	88.1	8.35	5.9	86.2	0	
2005-Feb-14	2:02	819	2.4	89.3	8.35	3.4	89.0	0	
2005-Feb-14	2:02	842	2.4	90.5	8.35 8.35	2.4	90.3	0	
2005-Feb-14	2:03	870	2.4	91.7		2.4	91.5	0	
2005-Feb-14	2:03	902	2.4	92.9	8.35	2.3	92.6	0	
2005-Feb-14	2:04	938	2.4	94.1	8.35 8.35	2.3	93.9	0	
2005-Feb-14	2:04	961	2.4	94.1 95.3		2.3	95.0	0	
2005-Feb-14	2:05	30 I	4.4	3 3.3	8.35	2.3	96.2	0	Duna Tax Di
2005-Feb-14	2:05	1474	0.0	95.7	8.35	0.0	06.7		Bump Top Plug
2005-Feb-14	2:05	(7/4	0.0	55.1	0.33	0.0	96.7	0	F-4Dt-4
2005-Feb-14	2:05	1479	0.0	95.7	8.35	- 00	06.7	^	End Displacement
2005-Feb-14	2:05	1469	0.0	95.7	8.35	0.0	96.7	0	
2005-Feb-14	2:05	1703	0.0	30.1	0.33	0.0	96.7	0	
2005-Feb-14	2:05	1469	0.0	00	o or		1		Reset Total, Vol = 95.70 bbl
2005-Feb-14	2:05	851	0.0	0.0	8.35	0.0	0.0	0	
2005-Feb-14	2:06	-9	0.0		8.35	0.0	0.0	0	
2005-Feb-14	2:06	-3	0.0	0.0	8.35	0.0	0.0	0	
2005-Feb-14	2:06	-14	0.0	0.0	8.35	0.0	0.0	0	End Job

**												lob Number
Well			Field		,	Service Date	1	Customer			7	ion Manusai
	IGHMAN	1 'K' #3				0545-Feb-1	4		OXY USA, IN	3.		2205547413
Date	Time 24 hr	Treating Pressure	Flow Rate	Volu	me CM7	DENS Flowing	neter te	Flowmet	er Tot 0		11.4	ssage
	clock	psi	bbl/min	bb	d P	olgal bbli	min	bb	0			
	-			engele i Natural	Pos	t Job Summi	ury					
52 (25 42 12	A	verage Pump F	Rates,	bpm					Volume of Flui	d Injecte	d, bbl	
Slurry		N2	Mud		Maximum Rat	te Total Slur	ry	1	Vlud	Spa	cer	N2
5		o		0	6	110)		0		20	
		Treating Press	sure Sumi	mary, ps	si				Breakdown F	luid		
Maximum	Final	Average	Bump	Plug to	Breakdowi	1			Volume		Dens	sity
		1	1	450				ĺ		bbl		lb/gal
Avg. N2 Percent		Designed Slurry	Volume	Displac	ement	Mix Water Ten	ip	Ce	ment Circulated to	urface?	Volume	bbl
	%	110	bbl	95	bbl	c	F	Wa	shed Thru Perfs	То		ft
Customer or Auti	horized	Representative		Schlum	berger Super	visor						
		Willim	on, Wes			Ahre	nds,	Timothy	Circulation	Lost	V	ob Completed

Date	02/14/05
Company	OXY
Job Number	2205547413
Well Name	Baughman K
Well Number	3
County	Seward
State	KS

400 sacks	lst Syster	n
♣ Control of the state of t		
1.55 yield	AMERICA MARKETER	
13.8 weight		
7.1 water	67.6	
cubic ft.	620	
height	, 2722	
bbls	110	

	2nd	System	
	enoke	Фублони	
l	yield		
l	weighl		
	water	0	
	cubic ft.	0	
ĺ	height	0	
	bbls	0	

3rd	System	
sacks		
yield		
weight		
water	0	
cubic ft.	0	
height	0	
bbis	0	

		System	
	sacks		
	yield		
İ	weight		
	water	0	
l	cubic ft.	O	
	height	0	
<u></u>	bbls	0	

Pipe Size	4 1/2	
Pipe Weight	10.5	10.5
Pipe Depth	6015	
Shoe Length	43	
Insert Depth	5972	
Hole Size	7 7/8	
Hole Depth	6020	

	_Pipe Volume	96
340	Annular Volume	244
	Total Cement	110
	Total Water	163

Pipe Factor	0.0159	0.0159
Annular Factor	0.0406	
Height Factor	4.3898	

Casing lift 3971 Cement lift 1073

Test 3000

0 _{Mud}

20 Chemical Wash

110 Lead

13.8

0 Tail

0

95.0 Displacement

2000 Maximum Pressure

Pump Time @ 5 BPM

41 MIN

Cementing Service Report

			OXY	USA, INC									22	205547681
Well			15.135.11		Location (legal)	<u> </u>		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	So	chlumberg	er Loca	ition		Job Start
	BA	UGHMAN'	K' 3		SEC	25-329	S-33W	1		F	erryto	on, TX		2005-Mar-0
Field			Foi	mation Name	Туре		Dev	iation		Bit Size)	Well M	1D	Well TVD
									0	7.88	in	3,1	33 ft	3,133 ft
County			Sta	te/Province	BHF)	BI	HST	В	HCT	Pore	Press. Gradie		
	SEW	ARD		KANSAS				psi	i	111 °F	:	96°	F	psi/f
Well Master:	06	30657636	AP	I / UWI:				C	asing	/Liner				
Rig Name		Dri	lled For	•	Service Via		De	epth, ft		Size, in	Weig	jht, ib/ft	Grade	Thread
Workov	/er	Oil	& Gas		Lan	d	3	3133		4.5	1	11.6		
Offshore Zone		We	ll Class	Wel	l Type									
	~		New		Developme					Tub	ing/D	rill Pipe	•	
Drilling Fluid Ty	/pe		1	Max. Density	Plastic '	Ai: cb	De	epth,		Size, in	Weig	jht, lb/ft	Grade	Thread
				1	b/gal		3	3133	1	2.375		4.7		
Service Line		Job	Туре											
	enting			rod Casing	!					Perfora	itions	/Open I	lole	
Max. Allowed To	ubing Pre	ssure Ma	x. Allowed Ann.	Pressure	WellHead Conn	ection	То	p, ft	Botto	ım, ft	spf	No	. of Shots	Total Interva
·····	500 psi			osi	2 3/8 & 2" RI	EG								1
Service Instruct														Diameter
CEMENT PE		Y" (PORT C	OLLAR) CA	SING:										į
20 BBLS CW 60 SKS 35:6		:+6%D20+2	%S1+0 5 nn	s D20			Trea	t Down		Displacem	ent	Packe	г Туре	Packer Dept
265 SKS 50/	50 POZ	/CLASS H	+ 2%D20 + 3	3%M117 +	5 PPSD42 + 5	5		Casing		12.1	bbl			
PPS D53 + 0					-		Tubi	ing Vol.		Casing Vo	4.	Annula	ar Vol.	OpenHole V
								12.1 bt	ol		bbl	36	3.1 bbl	b
Casing/Tu	ubing Sec	cured 🗸	1 Hole Vol	ume Circulate	d prior to Cemen	ting 🗸		Casir	ng To	ools			Squeeze	Job
ift Pressure:			si	***************************************			Sho	е Туре:				Squeeze	Туре	
	Pipe Ro				Pipe Reciproc	ated	Sho	e Depth:			ft	Tool Type	e:	
lo. Centralizers:		Тор	Plugs:	8	ottom Plugs:		Stag	e Tool Ty	pe:			Tool Dep	th:	ft
Sement Head Type														
Job Scheduled Fr							Stag	e Tool De	pth:		ft	Tail Pipe	Size:	in
	or:		d on Location:		Leave Location			je Tool De ar Type:	pth:		ft	Tail Pipe Tail Pipe		in ft
Marian Marian		2005	-Mar-02		2005-Mar-02		Colla		pth:		ft		Depth:	
Date	or:				2005-Mar-02	14:00	Colla	ar Type:	pth:			Tail Pipe	Depth:	ft bbl
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THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEMNITY PROVISIONS - PLEASE READ CAREFULLY

Acceptance. By requesting Schlumberger's services, equipment, or products, Customer voluntarily elects to enter into and be bound by these General Terms and Conditions

2. Definition

- Schlumberger Schlumberger Technology Corporation, a Texas corporation
- Customer the person, firm or other entity to which equipment and/or services are supplied or provided.

 Group Either Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors, employees, agents and invitees
- **Terms.** Cash in advance unless Schlumberger has approved Customer's credit prior to the sale. Terms of sale for credit-approved accounts are total invoice amount due on or before the 30th day from the date of invoice. Customer shall pay interest on past due balances at the lesser of 1.5% per month or the maximum allowed by applicable state or federal law. If Customer's account becomes delinquent, Schlumberger shall have the right to revoke any and all previously applied discounts. Upon such revocation, the full invoice price without discount will become immediately due and owing and subject to collection. Customer hereby agrees to pay all fees directly or indirectly incurred in the collection of past due or delinquent accounts.
- Taxes. Customer shall pay any and all taxes or other levies (other than income taxes) imposed by any government, governmental unit or similar authority with respect to the charges made or payments received in connection with Schlumberger's services, equipment or products
- Independent Contractor. Schlumberger is and shall be an independent contractor with respect to the performance of the services set forth on this Service Contract, and neither Schlumberger nor anyone employed by Schlumberger shall be the agent, representative, employee or servant of Customer in the performance of such services or any part hereof. When Contractor's employees (defined to include Schlumberger's direct, borrowed, special, or statutory employees) are covered by the Louisiana Workers' Compensation Act, La R.S. 23:1021 et seq., Customer and Schlumberger agree that all work and operations performed by Schlumberger and its employees pursuant to this Contract are an integral part of and are essential to the ability of Customer to generate Customer's goods, products and services for purposes of La R.S. 23:1061 (A)(1). Furthermore, Customer and Schlumberger agree that Customer is the statutory employer of Schlumberger's employees fur purposes of La R.S. 23.1061 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1031 (C)) of Schlumberger's employees, Schlumberger shall remain primanly responsible for the payment of Louisiana workers' compensation benefits to its employees, and shall not be entitled to seek contribution for any such payments from Customer.

- (a) Well Conditions: Notification of Hazardous Conditions. Customer, having custody and control of the well and superior knowledge of the conditions in and surrounding it, shall provide Schlumberger with all necessary information to enable Schlumberger to perform its services safely and efficiently. Schlumberger's equipment is designed to operate under conditions normally encountered in the well bore, however, if hazardous or unusual conditions exist, Customer shall notify Schlumberger in advance and make special arrangements for servicing such wells.

 Chemicals. The handling and disposal of any chemical, waste or by-product used or generated ("Chemicals") in the
- performance of the services are the sole responsibility of Customer, who is the owner and generator thereof. Customer agrees that it will transport and dispose of any such Chemicals in accordance with all applicable federal, state and local laws and regulations. Customer hereby waives, releases and agrees not to assert any claim or bring any cost recovery action against Schlumberger in connection with the use, generation, storage, transportation or disposal of Chemicals under any common law theories or federal, state or local environmental laws or regulations, now existing or hereinafter enacted, without regard to the cause or causes thereof or the negligence of any party.

 Radioactive Sources If any radioactive source is lost in a well, at the well site, while being transported by Customer or
- a third-party on behalf of Customer, or while under the custody or control of Customer, Customer shall exert its best efforts to recover the source and shall take precautions in order to avoid breaking or damaging the source. If the source is not recovered, or if the container is broken, Customer shall immediately comply with all applicable laws and regulations, including the isolation and marking of the location of the source.

 Fishing Operations. Customer shall assume the entire responsibility for operations in which Customer or its
- representatives attempt to fish for equipment but Schlumberger will, without assuming liability and if so requested by Customer, render assistance for the recovery of such equipment.

Warranty for Products and Services.

- (a) Schlumberger represents and warrants that all services shall be performed in a good and workmanlike manner in accordance with good offield practices and that it shall exercise diligence to insure the correctness and safe transport of all log, test and other data. Schlumberger will give Customer the benefit of its best judgment based on its expenence intorpreting information and making written or oral recommendations concerning logs or tests or other data, type or amount of material or service required, manner of performance or predicting results. Nevertheless, all such recommendations or predictions are opinions only and in view of the impracticability of obtaining first-hand knowledge of the many variable conditions, the reliance on inferences, measurements and assumptions which are not infallible, and/or the necessity of relying on facts and supporting services furnished by others, NO WARRANTY IS GIVEN CONCERNING THE ACCURACY OR COMPLETENESS OF LOG, TEST OR OTHER DATA, THE EFFECTIVENESS OF MATERIAL USED, RECOMMENDATIONS GIVEN, OR RESULTS OF THE SERVICES RENDERED. SCHLUMBERGER WILL NOT BE RESPONSIBLE FOR ACCIDENTAL OR INTENTIONAL INTERCEPTION OF OR TAMPERING WITH DATA BY OTHERS, NOR DOES SCHLUMBERGER GUARANTEE THE SAFE STORAGE OR THE LENGTH OF TIME OF STORAGE OF ANY DIGITAL TAPES, OPTICAL LOGS OR PRINTS. OR OTHER SIMILAR PRODUCTS OR MATERIALS.
- Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished shall conform to the quality and specifications represented. Schlumberger warrants all its products to be free of defects in material and workmanship for a period of twelve (12) months from the date of installation or eighteen (18) months from the date of snipment, whichever occurs first

- (i) products that have been modified and/or subjected to improper handling, storage, installation, operation or maintenance or to any product normally consumed in operation, any item which is purchased by Schlumberger or furnished by Customer as a component part of a product, or not
- manufactured by Schlumberger and purchased for Customer except to the extent to which such items are covered by the warranty, if any, of the original manufacturer thereof;
- (111) the design on those jobs where Schlumberger prepares shop drawings, tracing drawings or lists from designs furnished by others; models or samples which are furnished to Customer as illustrations only of the general properties of Schlumberger's
- (IV) products and workmanship;
- damage to a product caused by abrasive materials, corrosion due to aggressive fluids, lightning, improper voltage supply, mishandling or misapplication.

 (c) Schlumberger's liability under its warranty is expressly limited to the repair, replacement or the refund of an equitable portion
- of the purchase price, at its sole option, of products or services which prove to be defective within the warranty period. A Customer claim made pursuant to this warranty shall be made immediately upon discovery and confirmed in writing within thirty (30) days after discovery of the defect. Defective items must be held for inspection and returned to the original EO B point upon request. Schlumberger shall have the right to inspect the products claimed to be defective and shall have the right

to determine the cause of such defect. Returned products shall become the property of Schlumberger.

THE FOREGOING WARRANTIES FOR SERVICES AND PRODUCTS ARE IN LIEU OF ALL OTHER WARRANTIES. WHETHER

ORAL, WRITTEN, EXPRESS, IMPLIED OR STATUTORY. IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY SHALL NOT APPLY. SCHLUMBERGER'S WARRANTY OBLIGATIONS AND CUSTOMER'S REMEDIES THEREUNDER (EXCEPT AS TO TITLE) ARE SOLELY AND EXCLUSIVELY AS STATED HEREIN

INDEMNITIES 8

- SCHLUMBERGER SHALL BE RESPONSIBLE FOR AND HERBY AGREES TO PROTECT, DEFEND, INDEMNIEV AND HOLD HARMLESS CUSTOMER GROUP AND ITS INSURERS AGAINST ALL CLAMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS.
- CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER
 GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS

Customer assumes all liability for, and hereby agrees to protect, defend, indemnify and hold the Schlumberger Group and THEIR INSURERS HARMLESS FROM AND AGAINST ALL DAMAGE, LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (INCLUDING ALL COSTS AND EXPENSES THEREOF AND REASONABLE ATTORNEY'S FEES) ARISING IN CONNECTION THEREWITH:

- ON ACCOUNT OF LOSS OF AND/OR DAMAGE TO THE CUSTOMER GROUP OR ITS CONTRACTORS' (OTHER THAN SCHLUMBERGER) OR SUBCONTRACTORS' PROPERTY;
- ON ACCOUNT OF LOSS OF OR DAMAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WHEN SUCH LOSS OR DAMAGE OCCURS: (i) IN THE HOLE, (ii) WHILE IN TRANSIT OR BEING MOVED ON ANY FORM OF TRANSPORTATION OWNED OR FURNISHED BY CUSTOMER. (III) WHILE LOCATED AT THE WELL SITE WHEN SCHLUMBERGER PERSONNEL ARE NOT PRESENT, (IV) AS A RESULT OF IMPROPERLY MAINTAINED, PRIVATE ACCESS ROADS TO THE WELLSITE, OR (V) WHILE BEING USED BY OR WHILE UNDER THE CUSTODY OR CONTROL OF ANY PERSON OTHER THAN A SCHLUMBERGER FMPLOYFE. WHETHER IN AN EMERGENCY OR OTHERWISE. THE PROPERTY, EQUIPMENT, MATERIALS AND PRODUCTS WILL BE VALUED AT THEIR RESPECTIVE LANDED REPLACEMENT COST. WITH RESPECT TO (1) ABOVE, RENTAL CHARGES ON THE EQUIPMENT LOST OR DAMAGED IN THE HOLE SHALL CONTINUE TO BE PAID UP TO AND INCLUDING THE DATE ON WHICH SCHLUMBERGER RECEIVES NOTICE IN WRITING OF THE LOSS

(c) Application of Indemnities. The assumption of liability and indemnities in (a) and (b) above shall apply to any loss DAMAGE, EXPENSE, INJURY, ILLNESS OR DEATH WITHOUT REGARD TO THE CAUSE(S) THEREOF INCLUDING, WITHOUT LIMITATION, UNSEAWORTHINESS, STRICT LIABILITY, ULTRAHAZARDOUS ACTIVITY, BREACH OF EXPRESS OR IMPLIED WARRANTY, IMPERFECTION OF MATERIAL DEFECT OR FAILURE OF EQUIPMENT, DEFECT OR "RUM" OR OTHER CONDITION OF PREMISES, INCLUDING ANY CONDITIONS THAT PRE-EXIST THE EXECUTION OF THIS AGREEMENT, OR THE SOLE OR CONCURRENT, ACTIVE OR PASSIVE, NEGLIGENCE OR OTHER FAULT OF THE INDEMNITE OR ITS

CONTRACTORS OR SUBCONTRACTORS OR ITS OR THERE EMPLOYEES, AGENTS OR INVITEES.

(d) Special Indomnity. Notwithstanding anything to the contrary herein, customer agrees to protect, defend, indemnity. and hold schlumberger group and their insurers harmless from and against all loss, liability, claims, demands and causes OF ACTION (INCLUDING ALL COSTS, EXPENSES AND ATTORNEY'S FEES) OF EVERY KIND AND CHARACTER, WITHOUT REGARD TO THE CAUSE OR CAUSES THEREOF, THE UNSEAWORTHINESS OF ANY VESSEL STRICT LIABILITY OR THE SOLE, CONCURRENT, ACTIVE OR PASSIVE REGULERING OF ANY PARTY (EXCLUDING THE GROSS NEGLIGENCE OF SCHLUMBERGER GROUP), ARISING IN CONNECTION HEREWITH IN FAVOR OF CUSTOMER GROUP OR ITS CONTRACTORS OR SUBCONTRACTORS, SCHLUMBERGER GROUP AND ITS SUBCONTRACTORS OR ANY THIRD PARTY FOR: (1) PROPERTY DAMAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROL A WILD WELL; (II) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM POLLUTION, CONTAMINATION, OR RADIATION DAMAGE, WHETHER CAUSED BY CUSTOMER'S FAILURE TO PROPERLY HANDLE, TRANSPORT OR DISPOSE OF ANY CHEMICALS AS REQUIRED BY PARAGRAPH 6.(b)
HEREOF OR OTHERWISE, INCLUDING CONTAINMENT, CLEAN-UP AND REMEDIATION OF THE POLLUTANT AND CONTAINMENTON, WHETHER OR NOT REQUIRED BY AN APPLICABLE FEDERAL, STATE OR LOCAL LAW OR REQUIATION; (III) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES, OR WATER OR THE WELL BORE ITSELF, SUBFACE DAMAGE ARISING FROM SUBSURFACE OR SUBSEA DAMAGE; (IV) COST TO CONTROL A WILD WELL, UNDERGROUND OR ABOVE THE SURFACE INCLUDING ANY REDRILLING OR REWORKING AND RELATED CLEAN UP COSTS; (V) DAMAGE TO PROPERTY OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER, AND/OR WELL OWNER, IF DIFFERENT FROM CUSTOMER (THE TERM "WELL OWNER" SHALL INCLUDE WORKING AND ROYALTY INTEREST OWNERS OR THE OWNER OF ANY DRILLING RIG, PLATFORM OR OTHER STRUCTURE AT THE WELL SITE); OR (VI.) SUBSURFACE

(e) <u>Anti-Indemvity and Insurance Savings Clause</u>. If any defense, indemnity or insurance provision contained in this <u>Contract</u> conflicts with, is prohibited by or violates public policy under any federal, state or other law determined to be applicable to a particular situation arising from or involving any services, equipment and/or products hereunder, it is understood and agreed that the conflicting, prohibited, or violating provision shall be deemed automatically amended in that situation to the extent, but only to the extent, necessary to conform with, not be prohibited by and avoid violating public policy under such applicable law

- Incidental or Consequential Damages. It is expressly agreed that the schlumberger group shall not be liable to the CUSTOMER GROUP FOR ANY PUNITIVE, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, ANY LOSS OF PROFITS OR BUSINESS INTERRUPTION OR LOSS OF USE, LOSS OF PRODUCTION OR LOSS OF RIG TIME
- Insurance Each party, as indemnitor, shall support the indemnity obligations it assumes under Paragraph 8, by obtaining at its own cost, adequate insurance for the benefit of the other party as indemnitee, with contractual indemnity endorsements. To the extent each party assumes liability, such insurance shall waive subrogation against and name the indemnitee and its Group as additional insured(s) and loss payed, and to the same extent such coverage shall be primary to that carried by the indemnified Group. Customer shall not self-insure without the written consent of Schlumberger.
- Limitation of Liability. Schlumberger's liability, however arising from or in connection with this Contract (whether for breach of contract, negligence, misrepresentation, or otherwise), shall not in any circumstances exceed the full value of the consideration then owed to Schlumberger under this Contract
- Miscellaneous. Schlumberger shall not be liable for any delay or non-performance due to governmental regulation, labor disputes, hostile action, weather, fire, acts of God or any other causes beyond the reasonable control of Schlumberger This Contract shall be governed by the laws of the state where the services are performed or equipment or products are furnished, except if furnished offshore or on navigable water, Federal Maritime Laws will govern. Should any clause, sentence, or part of these General Terms and Conditions be held invalid, such holding shall not invalidate the remainder, and the Terms and Conditions. shall be interpreted as if the invalid clause, sentence, or part has been modified or omitted, if necessary, as required to conform to the jurisdiction purporting to limit such provision.

Well		Field		Servic	e Date (Customer		Job Number				
BA	HUGHMAN	l 'K' #3			05	61-Mar-02		OXY USA, INC	C. 2205547681			
Date	Time	CMT RATE	CMT TREAT	CMT STG VOL	0	D	0 3	O O	Message			
	24 hr		PRES									
	clock	bbl/min	psi	bbl	0	0	0	0				
2005-Mar-02	11:05	0.0	0	0.0	0	0	0	0				
2005-Mar-02	11:06	0.0	0	0.0	0	0	0	0				
2005-Mar-02	11:06	0.0	0	0.0	0	0	0	0				
2005-Mar-02	11:07	0.0	0	0.0	0	0	0	0				
2005-Mar-02	11:07	0.0	0	0.0	0	0	0	0				
2005-Mar-02	11:08	0.0	27	0.0	0	0	0	0				
2005-Mar-02	11:08	0.0	1900	0.2	0	0	0	0				
2005-Mar-02	11:09	0.0	1854	0.2	0	0	0	0				
2005-Mar-02	11:09	0.0	14	0.2	0	0	0	0				
2005-Mar-02	11:10	0.0	9	0.2	0	0	0	0				
2005-Mar-02	11:10	0.0	9	0.2	0	0	0	0				
2005-Mar-02	11:11	0.0	5	0.2	0	0	0	0				
2005-Mar-02	11:11	0.0	23	0.2	0	0	0	0				
2005-Mar-02	11:12	0.6	50	0.3	0	0						
2005-Mar-02	11:12	1.2	201	0.3	0	0	0	0				
2005-Mar-02	11:12	1.1	1172	1.4	0		0	0				
2005-Mar-02	11:13	0.0	2023	1.4	0	0	0	0				
2005-Mar-02	11:14	0.0	1836			0	0	0				
2005-Mar-02				1.7	0	0	0	0				
2005-Mar-02	11:14	0.0	137	1.7	0	0	0	0				
	11:15	0.0	96	1.7	0	0	0	0				
2005-Mar-02	11:15	0.0	9	1.7	0	0	0	0				
2005-Mar-02	11:16	0.0	18	1.7	0	0	0	0				
2005-Mar-02	11:16								CLEAR TUBING WITH H2O			
2005-Mar-02	11:16	0.0	18	1.7	0	0	0	0				
2005-Mar-02	11:16	· · · · · · · · · · · · · · · · · · ·							Start Pumping Spacer			
2005-Mar-02	11:16	0.0	18	1.7	0	0	0	0				
2005-Mar-02	11:16								Reset Total, Vol = 1.66 bbl			
2005-Mar-02	11:16	0.0	18	1.7	0	0	0	0				
2005-Mar-02	11:16	0.0	14	0.0	0	0	0	0				
2005-Mar-02	11:17	Total Control of the	~~~~						Start Pumping Wash			
2005-Mar-02	11:17	2.2	430	0.2	0	0	0	0				
2005-Mar-02	11:17	2.2	513	0.3	0	0	0	0				
2005-Mar-02	11:17	0.0	1799	0.9	0	0	0	0				
	11:18	0.0	760	0.9	0	0	0	0				
2005-Mar-02	11:18	0.0	18	0.9	0	0	0	0				
2005-Mar-02	11:19	1.3	270	1.1	0	0	0	0				
	11:19	1.6	673	1.8	0	0	0	0				
2005-Mar-02	11:20	2.2	769	2.8	0	0	0	0				
2005-Mar-02	11:20	2.5	769	4.0	0	0	0	0	The contract of the state of th			
2005-Mar-02	11:21	2.5	746	5.2	0	0	0	0				
2005-Mar-02	11:21	2.5	732	6.5	0	0	0	0				
2005-Mar-02	11:22	2.5	691	7.7	0	0	0	0				
2005-Mar-02	11:22	2.5	673	9.0	0	0	0	0				
2005-Mar-02	11:23	2.5	659	10.2	0	0	0	0				
2005-Mar-02	11:23	2.5	636	11.5	0	0	0	0				
	11:24	2.5	623	12.7	0	0	0	0				
2005-Mar-02	11:24	2.5	586	14.0	0	0	0	0				
	11:25	2.5	568	15.2	0	0	0	0				
	11:25	2.5	572	16.5	0	0	0	0				
	11:26	2.5	563	17.8	0	0	0	0				
	11:26	2.5	563	18.0	0	0	0	0				
	11:26				-	U	U		Donal Tatal Male 47 00 111			
	11:26	2.5	568	1.1	0	0	0		Reset Total, Vol = 17.96 bbl			
	11:27	2.5	554	2.3	0	0		0				
ar 2,2005 WRS3 v			307	2.0	U	U	0	0	Page 2 of 6			

THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEMNITY PROVISIONS - PLEASE

Acceptance By requesting Schlumberger's services, equipment, or products, Customer voluntarity elects to enter into and be bound by these General Terms and Conditions.

Definition.

- Schlumberger Schlumberger Technology Corporation, a Texas corporation

 Customer the person, firm or other entity to which equipment and/or services are supplied or provided. b.
- Group Either Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors, employees, agems and invitees
- Terms Cash in advance unless Schlumberger has approved Customer's credit prior to the sale. Terms of sale for credit approved accounts are total invoice amount due on or before the 30th day from the date of invoice. Customer shall pay interest on past due balances at the lesser of 1.5% per month or the maximum allowed by applicable state or federal law If Customer's account becomes delinquent, Schlumberger shall have the right to revoke any and all previously applied discounts. Upon such revocation, the full invoice price without discount will become immediately due and owing and subject to collection. Customer hereby agrees to pay all fees directly or indirectly incurred in the collection of past due or delinquent accounts.
- Taxes. Customer shall pay any and all taxes or other levies (other than income taxes) imposed by any government, governmental unit or similar authority with respect to the charges made or payments received in connection with Schlumberger's services,
- Independent Contractor. Schlumberger is and shall be an independent contractor with respect to the performance of the services set forth on this Service Contract, and neither Schlumberger nor anyone employed by Schlumberger shall be the agent, representative, employee or servent of Customer in the performance of such services or any part hereof. When Contractor's employees (defined to include Schlumberger's direct, borrowed, special, or statutory employees) are covered by the Louisiana Workers' Compensation Act, La R S. 23:1021 et seq., Customer and Schlumberger agree that all work and oporations performed by Schlumberger and its employees pursuant to this Contract are an integral part of and are essential to the ability of Customer to generate Customer's goods, products and services for purposes of La R.S. 23.1061 (A)(1) Furthermore, Customer and Schlumberger agree that Customer is the statutory employer of Schlumberger's employees for purposes of La R S 23:1061 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1031 (C)) of Schlumberger's employees, Schlumberger shall remain primarily responsible for the payment of Louisiana workers' compensation bonefits to its employees, and shall not be entitled to seek contribution for any such payments from Customer.

- (a) Well Conditions, Notification of Hazardous Conditions. Customer, having custody and control of the well and superior knowledge of the conditions in and surrounding it, shall provide Schlumberger with all necessary information to enable Schlumberger to perform its services safely and efficiently Schlumberger's equipment is designed to operate under conditions normally encountered in the well bore, however, if hazardous or unusual conditions exist, Customer shall notify Schlumberger in advance and make special arrangements for servicing such wells.
- (b) Chemicals The handling and disposal of any chemical, waste or by-product used or generated ("Chemicals") in the performance of the services are the sole responsibility of Customer, who is the owner and generator thereof. Customer agrees that it will transport and dispose of any such Chemicals in accordance with all applicable federal, state and local laws and regulations. Customer hereby waives, releases and agrees not to assert any claim or bring any cost recovery action against Schlumberger in connection with the uso, generation, storage, transportation or disposal of Chemicals under any common law theories or federal, state or local environmental laws or regulations, now existing or hereinafter enacted, without regard to the cause or causes thereof or the negligence of any party

 (c) Radioactive Sources. If any radioactive source is lost in a well, at the well site, while being transported by Customer or
- a third-party on behalf of Customer, or while under the custody or control of Customer, Customer shall exert its best efforts to recover the source and shall take precautions in order to avoid breaking or damaging the source. If the source is not rocovered, or if the container is broken, Customer shall immediately comply with all applicable laws and regulations, including the isolation and marking of the location of the source.
- (d) Fishing Operations. Customer shall assume the entire responsibility for operations in which Customer or its representatives attempt to fish for equipment but Schlumberger will, without assuming liability and if so requested by Customer, render assistance for the recovery of such equipment.

Warranty for Products and Services.

- (a) Schlümberger represents and warrants that all services shalf be performed in a good and workmanlike manner in accordance with good oilfield practices and that it shall exercise diligence to insure the correctness and safe transport of all log, test and other data. Schlumberger will give Customer the benefit of its best judgment based on its experience interpreting information and making written or oral recommendations concerning logs or tests or other data, type or amount of material or service required, manner of performance or predicting results. Nevertheless, all such recommendations or predictions are opinions only and in view of the impracticability of obtaining first-hand knowledge of the many variable conditions, the reliance on inferences, measurements and assumptions which are not infallible, and/or the necessity of relying on facts and supporting services furnished by others, NO WARRANTY IS GIVEN CONCERNING THE ACCURACY OR COMPLETENESS OF LOG, TEST OR OTHER DATA, THE EFFECTIVENESS OF MATERIAL USED, RECOMMENDATIONS GIVEN, OR RESULTS OF THE SERVICES RENDERED. SCHLUMBERGER WILL NOT BE RESPONSIBLE FOR ACCIDENTAL OR INTENTIONAL INTERCEPTION OF OR TAMPERING WITH DATA BY OTHERS, NOR DOES SCHLUMBERGER GUARANTEE THE SAFE STORAGE OR THE LENGTH OF TIME OF STORAGE OF ANY DIGITAL TAPES, OPTICAL LOGS OR PRINTS, OR OTHER SIMILAR PRODUCTS OR MATERIALS.
- Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished shall conform to the quality and specifications represented Schlumberger warrants all its products to be free of defects in material and workmanship for a period of twelve (12) months from the date of installation or eighteen (18) months from the date of shipment, whichever occurs first.

The above warranty does not apply to

- products that have been modified and/or subjected to improper handling, storage, installation, operation or maintenance or to any product normally consumed in operation; any item which is purchased by Schlumberger or furnished by Customer as a component part of a product, or not
- (n)manufactured by Schlumberger and purchased for Customer except to the extent to which such items are covered by the warranty, if any, of the original manufacturer thereof;
- (m)the design on those jobs where Schlumberger prepares shop drawings, tracing drawings or lists from designs furnished
- models or samples which are furnished to Customer as illustrations only of the general properties of Schlumberger's (m) products and workmanship; damage to a product caused by abrasive materials, corrosion due to aggressive fluids, lightning, improper voltage
- (v) supply, mishandling or misapplication.

 (c) Schlumberger's liability under its warranty is expressly limited to the repair, replacement or the refund of an equitable portion
- of the purchase price, at irs sole option, of products or services which prove to be defective within the warranty period. A Customer claim made pursuant to this warranty shall be made immediately upon discovery and confirmed in writing within thirty (30) days after discovery of the defect. Defective items must be hold for inspection and returned to the original FOB point upon request. Schlumberger shall have the right to inspect the products claimed to be defective and shall have the right

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INDEMNITIES 8.

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- CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER group and its insurers against all claims arising out of or in connection with personal injury, illness or death of any MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS.

CUSTOMER ASSUMES ALL LIABILITY FOR, AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD THE SCHLUMBERGER GROUP AND THEIR INSURERS HABMLESS FROM AND AGAINST ALL DAMAGE, LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (INCLUDING ALL COSTS AND EXPENSES THEREOF AND REASONABLE ATTORNEY'S FEES) ARISING IN CONNECTION THEREWITH:

- 1. ON ACCOUNT OF LOSS OF AND/OR DAMAGE TO THE CUSTOMER GROUP OR ITS CONTRACTORS' (OTHER THAN SCHLUMBERGER) OR
- ON ACCOUNT OF LOSS OF OR DAMAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WHEN SUCH LOSS OR DAMAGE OCCURS: (i) IN THE HOLE, (ii) WHILE IN TRANSIT OR BEING MOVED ON ANY FORM OF TRANSPORTATION OWNED OR FURNISHED BY CUSTOMER, (111) WHILE LOCATED AT THE WELL SITE WHEN BERGER PERSONNEL ARE NOT PRESENT, (IV) AS A RESULT OF IMPROPERLY MAINTAINED, PRIVATE ACCESS ROADS TO THE WELLSITE, OR (V) WHILE BEING USED BY OR WHILE UNDER THE CUSTODY OR CONTROL OF ANY PERSON OTHER THAN A SCHLUMBERGER EMPLOYEE, WHETHER IN AN EMERGENCY OR OTHERWISE. THE PROPERTY, EQUIPMENT, MATERIALS AND PRODUCTS WILL BE VALUED AT THER BESPECTIVE LANDED REPLACEMENT COST. WITH RESPECT TO (1) ABOVE, RENTAL CHARGES ON THE EQUIPMENT LOST OR DAMAGED IN THE HOLE SHALL CONTINUE TO BE PAID UP TO AND INCLUDING THE DATE ON WHICH SCHLUMBERGER RECEIVES NOTICE IN WRITING OF THE LOSS

(c) Application of Indomnities. The assumption of liability and indemnities in (a) and (b) above shall apply to any loss, DAMAGE, EXPENSE, INJURY, ILLNESS OR DEATH WITHOUT REGARD TO THE CAUSE(S) THEREOF INCLUDING, WITHOUT LIMITATION, UNSEAWORTHINESS, STRICT LIABILITY, ULTRAHAZARDOUS ACTIVITY, BREACH OF EXPRESS OR IMPLIED WARRANTY, IMPERFECTION OF MATERIAL, DEFECT OR FAILURE OF EQUIPMENT, DEFECT OR "RUIN" OR OTHER CONDITION OF PREMISES, INCLUDING ANY CONDITIONS THAT PRE-EXIST THE EXECUTION OF THIS AGREEMENT, OR THE SOLE OR CONCURRENT, ACTIVE OR PASSIVE, NEGLIGENCE OR OTHER FAULT OF THE INDEMNITEE OR ITS CONTRACTORS OR SURCONTRACTORS OR ITS OR THEIR EMPLOYEES, AGENTS OR INVITEES,

(d) Special Indomnity. Notwithstanding anything to the contrary herein, customer agrees to protect, defend, indemnify, AND HOLD SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION (INCLUDING ALL COSTS, EXPENSES AND ATTORNEY'S FEES) OF EVERY KIND AND CHARACTER, WITHOUT REGARD TO THE CAUSE OR CAUSES THEREOF, THE UNSEAWORTHINESS OF ANY VESSEL, STRICT LIABILITY OR THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE OF ANY PARTY (EXCLUDING THE GROSS NEGLIGENCE OF SCHLUMBERGER GROUP), ARISING IN CONNECTION HEREWITH IN FAVOR OF CUSTOMER GROUP OR ITS CONTRACTORS OR SUBCONTRACTORS, SCHLUMBERGER GROUP AND ITS SUBCONTRACTORS OR ANY THIRD PARTY FOR: (I) PROPERTY DAMAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROL A WILD WELL; (II) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM POLLUTION, CONTAMINATION, OR RADIATION DAMAGE, WHETHER CAUSED BY CUSTOMER'S FABURE TO PROPERLY HANDLE, TRANSPORT OR DISPOSE OF ANY CHEWICALS AS REQUIRED BY PARAGRAPH 6.(b) HEREOF OR OTHERWISE, INCLUDING CONTAINMENT, CLEAN-UP AND REMEDIATION OF THE POLLUTANT AND CONTAMINATION, WHETHER OR NOT REQUIRED BY AN APPLICABLE FEDERAL, STATE OR LOCAL LAW OR REGULATION; (III) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES, OR WATER OR THE WELL BORE ITSELF, SUBFACE DAMAGE ARISING FROM SUBSURFACE OR SUBSEA DAMAGE; (IV) COST TO CONTROL A WILD WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REDRILLING OR REWORKING AND RELATED CLEAN UP COSTS; (V) DAMAGE TO PROPERTY OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER, AND/OR WELL OWNER, IF DIFFERENT FROM CUSTOMER (THE TERM "WELL OWNER" SHALL INCLUDE WORKING AND ROYALTY INTEREST OWNERS OR THE OWNER OF ANY DRILLING RIG, PLATFORM OR OTHER STRUCTURE AT THE WELL SITE); OR (VI.) SUBSURFACE

(e) Anti-Indemnity and Insurance Savings Clause. If any defense, indemnity or insurance provision contained in this Contract conflicts with, is prohibited by or violates public policy undor any federal, state or other law determined to be applicable to a particular situation arising from or involving any services, equipment and/or products hereunder, it is understood and agreed that the conflicting, prohibited, or violating provision shall be deemed automatically emended in that situation to the extent, but only to the extent, necessary to conform with, not be prohibited by and avoid violating public policy under such applicable law.

- Incidental or Consequential Damages. It is expressly agreed that the schlumberger group shall not be liable to the CUSTOMER GROUP FOR ANY PUNITIVE, INCIDENTAL, CONSCIUENTIAL, INDIRECT OR SPECIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, ANY LOSS OF PROFITS OR BUSINESS INTERRUPTION OR LOSS OF USE, LOSS OF PRODUCTION OR LOSS OF RIG TIME
- Insurance. Each party, as indemnitor, shall support the indemnity obligations it assumes under Paragraph 8, by obtaining at its own cost, adequate insurance for the benefit of the other party as indemnitee, with contractual indemnity endorsements. To the extent each party assumes liability, such insurance shall waive subrogetion against and name the indemnitee and its Group as additional insured(s) and loss payee, and to the some extent such coverage shall be primary to that carried by the indemnified Group. Customer shall not self-insure without the written consent of Schlumberger
- Limitation of Liability Schlumberger's liability, however arising from or in connection with this Contract (whether for breach of contract, negligence, misrepresentation, or otherwise), shall not in any circumstances exceed the full value of the consideration then owed to Schlumberger under this Contract
- Miscellaneous. Schlumberger shall not be liable for any delay or non-performance due to governmental regulation, labor disputes, hostile action, weather, fire, acts of God or any other causes beyond the reasonable control of Schlumberger. This Contract shall be governed by the laws of the state where the services are performed or equipment or products are furnished, except if furnished offshore or on navigable water, I ederal Maritime Laws will govern. Should any clause, sentence, or part of these General Terms and Conditions be held invalid, such holding shall not invalidate the remainder, and the Terms and Conditions shall be interpreted as if the invalid clause, suntence, or part has been modified or unitted, if necessary, as required to conform to the jurisdiction purporting to limit such provision.

Well			Field	and the second s	Service	Date	Customer		Job Number			
	UGHMAN	1 'K' #3			056	1-Mar-02		OXY USA, INC.	2205547681			
Date	Time	CMT RATE	CMT TREAT	CMT STG VOL	Ö	0	0	0	Message			
	24 hr		PRES									
	clock	bbl/min	psi	bbl	0	0	0	0				
2005-Mar-02	11:27	2.5	558	3.6	0	0	0	0				
2005-Mar-02	11:28	2.5	554	4.8	0	0	0	0				
2005-Mar-02	11:28	2.5	545	6.1	0	0	0	0				
2005-Mar-02	11:29	2.5	545	7.4	0	0	0	0				
2005-Mar-02	11:29	2.5	545	8.6	0	0	0	0				
2005-Mar-02	11:30	2.5	545	9.9	0	0	0	0				
2005-Mar-02	11:30	2.5	536	11.2	0	0	0	0				
2005-Mar-02	11:31	2.5	526	12.4	0	0	0	0				
2005-Mar-02	11:31	2.5	526	13.7	0	0	0	0				
2005-Mar-02	11:32	2.6	540	15.0	0	0	0	0				
2005-Mar-02	11:32	2.5	531	16.3	0	0	0	0				
2005-Mar-02	11:33	2.5	531	17.6	0	0	0	0				
2005-Mar-02	11:33	2.6	536	18.3	0	0	0	0				
2005-Mar-02	11:33								End Wash			
2005-Mar-02	11:33								Reset Total, Vol = 18.53 bbl			
2005-Mar-02	11:33	2.6	536	18.5	0	0	0	0				
2005-Mar-02	11:33	2.6	531	0.3	0	0	0	0				
2005-Mar-02	11:34	2.6	540	1.6	0	0	0	0				
2005-Mar-02	11:34	2.6	545	2.8	0	0	0	0				
2005-Mar-02	11:35	2.5	536	4.1	0	0	0	0				
2005-Mar-02	11:35	2.5	536	5.4	0	0	0	0				
2005-Mar-02	11:36	2.6	526	6.7	0	0	0	0				
2005-Mar-02	11:36	2.6	508	6.9	0	0	0	0				
2005-Mar-02	11:36								Start Mixing Lead Slurry			
2005-Mar-02	11:36		G)i.						End Spacer			
2005-Mar-02	11:36	2.6	504	6.9	0	0	0	0				
2005-Mar-02	11:36								Reset Total, Vol = 7.00 bbl			
2005-Mar-02	11:36	2.6	499	7.0	0	0	0	0				
2005-Mar-02	11:36	2.6	513	0.9	0	0	0	0				
2005-Mar-02	11:37	2.5	499	2.2	0	0	0	0				
2005-Mar-02	11:37	2.5	467	3.5	0	0	0	0				
2005-Mar-02	11:38	2.6	421	4.8	0	0	0	0				
2005-Mar-02	11:38	2.6	394	6.0	0	0	0	0				
2005-Mar-02	11:39	2.5	362	7.3	0	0	0 ·	0				
2005-Mar-02	11:39	2.6	320	8.6	0	0	0	0				
2005-Mar-02	11:40	2.6	261	9.9	0	0	0	0				
2005-Mar-02	1	2.6	211	11.1	0	0	0	0				
2005-Mar-02	11:41	2.6	179	12.4	0	0	0	0				
2005-Mar-02	11:41	2.6	137	13.7	0	0	0	0				
2005-Mar-02	11:42	2.6	101	15.0	0	0	0	0				
2005-Mar-02	11:42	2.6	156	16.3	0	0	0	0				
2005-Mar-02	11:43	2.5	279	17.6	0	0	0	0				
2005-Mar-02		2.5	417	18.9	0	0	0	0				
2005-Mar-02	11:44	2.5	554	20.1	0	0	0	0				
2005-Mar-02	11:44	2.5	723	21.4	0	0	0	0				
2005-Mar-02	11:44	2.6	513	21.9	0	0	0	0				
2005-Mar-02	11:44								End Lead Slurry			
2005-Mar-02		2.5	517	22.0	0	0	0	0				
2005-Mar-02	11:44								Start Mixing Tail Slurry			
2005-Mar-02	11:44								Reset Total, Vol = 22.04 bbl			
2005-Mar-02		2.5	531	22.0	0	0	0	0				
2005-Mar-02	11:45	2.5	476	0.6	0	0	0	0				
2005-Mar-02	11:45	2.6	577	1.9	0	0	0	0				
2005-Mar-02	11:46	2.5	604	3.2	0	0	0	0	***************************************			

Revised 12/31/02 **GENERAL TERMS AND CONDITIONS**

THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEMNITY PROVISIONS - PLEASE

Acceptance By requesting Schlumburger's services, equipment, or products, Customer voluntarily elects to enter into and be bound by these General Terms and Conditions

Definition

- Schlumberger Schlumberger Technology Corporation, a Texas corporation.

 Customer the person, firm or other entity to which equipment and/or services are supplied or provided
- Group Either Schlumberger or Customer and its respective parents, affiliates, subsidiarios, and each of their respective officers, directors, employees, agents and invitees.
- Terms Cash in advance unless Schlumberger has approved Customer's credit prior to the sale. Terms of sale for credit approved accounts are total invoice amount due on or before the 30th day from the date of invoice. Customer shall pay interest on past due balances at the lesser of 1.5% per month or the maximum allowed by applicable state or federal law if Customer's account becomes delinquent, Schlumberger shall have the right to revoke any and all previously applied discounts. Upon such revocation, the full invoice price without discount will become immediately due and owing and subject to collection. Customer hereby agrees to pay all fees directly or indirectly incurred in the collection of past due or delinquent accounts
- Taxes, Customer shall pay any and all taxes or other levies (other than income taxes) imposed by any government, governmental unit or similar authority with respect to the charges made or payments received in connection with Schlumberger's services,
- Independent Contractor. Schlimberger is and shall be an independent contractor with respect to the performance of the services set forth on this Service Contract, and neither Schlumberger nor anyone employed by Schlumberger shall be the agent, representative, employee or servant of Customer in the performance of such services or any part hereof. When Contractor's employees (defined to include Schlumberger's direct, borrowed, special, or statutory employees) are covered by the Louisiana Workers' Compensation Act, La R.S. 23.1021 et seq., Customer and Schlumberger agree that all work and operations performed by Schlumberger and its employees pursuant to this Contract are an integral part of and are essential to the ability of Customer to generate Customer's goods, products and services for purposes of La R S 23 1061 (Al/1) Furthermore, Customer and Schlumberger agree that Customer is the statutory employer of Schlumberger's employees for purposes of La R.S. 23:1061 (Al/3) Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1031 (C)) of Schlumberger's employees, Schlumberger shall remain primarily responsible for the payment of Louisiana workers' compensation benefits to its employees, and shall not be entitled to seek contribution for any such payments from Customer.

- (a) Well Conditions; Notification of Hazardous Conditions. Customer, having custody and control of the well and superior knowledge of the conditions in and surrounding it, shall provide Schlumberger with all necessary information to enable Schlumberger to perform its services safely and efficiently. Schlumberger's equipment is designed to operate under conditions normally encountered in the well bore; however, if hazardous or unusual conditions exist, Customer shall notify
- Schlumberger in advance and make special arrangements for servicing such wells.

 (b) Chemicals The handling and disposal of any chemical, waste or by-product used or generated ("Chemicals") in the performance of the services are the sold ensponsibility of Customer, who is the owner and generator thereof. Customer agrees that it will transport and dispose of any such Chemicals in accordance with all applicable federal, state and local laws and regulations. Customer hereby waives, releases and agrees not to assert any claim or bring any cost recovery action against Schlumberger in connection with the use, generation, storage, transportation or disposal of Chemicals under any common law theories or federal, state or local environmental laws or regulations, now existing or hereinafter enacted, without regard to the cause or causes thereof or the negligence of any party.

 (c) Radioactive Sources If any radioactive source is lost in a well, at the well site, while being transported by Customer or
- a third-party on behalf of Cuslomer, or while under the custody or control of Customer, Customer shall exert its best efforts to recover the source and shall take precautions in order to avoid breaking or damaging the source recovered, or if the container is broken, Customer shall immediately comply with all applicable laws and regulations, including the isolation and marking of the location of the source.

 (d) Fishing Operations. Customer shall assume the entire responsibility for operations in which Customer or its
- representatives attempt to fish for equipment but Schlumberger will, without assuming liability and if so requested by Customer, render assistance for the recovery of such equipment

- (a) Schlumberger represents and warrants that all services shall be performed in a good and workmanlike manner in accordance with good olifield practices and that it shall exercise diligence to insure the correctness and safe transport of all log, test and other data. Schlumberger will give Customer the benefit of its best judgment bused on its experience interpreting information and making written or oral recommendations concerning logs or tests or other data, type or amount of material or service required, manner of performance or predicting results. Nevertheless, all such recommendations or predictions are opinions only and in view of the impracticability of obtaining first-hand knowledge of the many variable conditions, the reliance on inferences, measurements and assumptions which are not infallible, and/or the necessity of relying on facts and supporting services furnished by others, NO WARRANTY IS GIVEN CONCERNING THE ACCURACY OR COMPLETENESS OF LOG, TEST OR OTHER DATA, THE EFFECTIVENESS OF MATERIAL USED, RECOMMENDATIONS GIVEN, OR RESULTS OF THE SERVICES RENDERED. SCHLUMBERGER WILL NOT BE RESPONSIBLE FOR ACCIDENTAL OR INTENTIONAL INTERCEPTION OF OR TAMPERING WITH DATA BY OTHERS, NOR DOES SCHLUMBERGER GUARANTEE THE SAFE STORAGE OR THE LENGTH OF TIME OF STORAGE OF ANY DIGITAL TAPES, OPTICAL LOGS OR PRINTS, OR OTHER SIMILAR PRODUCTS OR MATERIALS.
- Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished shall conform to the quality and specifications represented. Schlumberger warrants all its products to be free of defects in material and workmanship for a period of twelve (12) months from the date of installation or eighteen (18) months from the date of shipment, whichever occurs first. The above warranty does not apply to.
 (i) products that have been modified and/or subjected to improper handling, storage, installation, operation or

 - maintenance or to any product normally consumed in operation; any item which is purchased by Schlumberger or furnished by Customer as a component part of a product, or not manufactured by Schlumberger and purchased for Customer except to the extent to which such items are covered by the warranty, if any, of the original manufacturer thereof;
 - (m) the design on those jobs where Schlumberger prepares shop drawings, tracing drawings or lists from designs furnished
 - by unlets, models or samples which are furnished to Customer as illustrations only of the general properties of Schlumberger's (iv) roducts and workmanship; damage to a product caused by abrasive materials, corrosion due to aggressive fluids, lightning, improper voltage
 - supply, mishandling or misapplication
- (c) Schlumberger's liability under its warranty is expressly limited to the repair, replacement or the refund of an equitable portion of the purchase price, at its sole option, of products or services which prove to be defective within the warranty period. A Customer claim made pursuant to this warranty shall be made immediately upon discovery and confirmed in writing within thirty (30) days after discovery of the defect. Defective items must be held for inspection and returned to the original F.O.B. point upon request. Schlumberger shall have the right to inspect the products claimed to be defective and shall have the right

to determine the cause of such defect. Returned products shall become the property of Schlumberger.

THE FOREGOING WARRANTIES FOR SERVICES AND PRODUCTS ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER OF SERVICES AND PRODUCTS ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER PURPOSE AND MERCHANTABILITY SHALL NOT APPLY. SCHLUMBERGER'S WARRANTY OBLIGATIONS AND CUSTOMER'S REMEDIES THEREUNDER (EXCEPT AS TO TITLE) ARE SOLELY AND EXCLUSIVELY AS STATED HEREIN.

INDEMNITIES 8.

(a) Personnel

- SCHLUMBERGER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, RENESS OR DEATH OF ANY MEMBER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS.
- CUSTOMER SHALL BE RESPONSIBLE FOR AND HERBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS.

CUSTOMER ASSUMES ALL LIABILITY FOR, AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD THE SCHLUMBERGER GROUP AND THER INSURERS HARMLESS FROM AND AGAINST ALL DAMAGE, LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (INCLUDING ALL COSTS AND EXPENSES THEREOF AND REASONABLE ATTORNEY'S FEES) ARISING IN CONNECTION THEREWITH:

- 1. ON ACCOUNT OF LOSS OF AND/OR DAMAGE TO THE CUSTOMER GROUP OR ITS CONTRACTORS' (OTHER THAN SCHLUMBERGER) OR SUBCONTRACTORS' PROPERTY;
- 2. ON ACCOUNT OF LOSS OF OR DAMAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WHEN SUCH LOSS OR DAMAGE OCCURS; (1) IN THE HOLE, (11) WHILE IN TRANSIT OR BEING MOVED ON ANY FORM OF TRANSPORTATION OWNED OR FURNISHED BY CUSTOMER, (11) WHILE LOCATED AT THE WELL SITE WHEN SCHLUMBERGER PERSONNEL ARE NOT PRESENT. (IV) AS A RESULT OF IMPROPERLY MAINTAINED, PRIVATE ACCESS ROADS TO THE WELLSITE. OR (V) WHILE BEING USED BY OR WHILE UNDER THE CUSTODY OR CONTROL OF ANY PERSON OTHER THAN A SCHLUMBERGER EMPLOYEE, WHETHER IN AN EMERGENCY OR OTHERWISE. THE PROPERTY, EQUIPMENT, MATERIALS AND PRODUCTS WILL BE VALUED AT THEIR RESPECTIVE LANDED REPLACEMENT COST. WITH RESPECT TO (1) ABOVE, RENTAL CHARGES ON THE EQUIPMENT LOST OR DAMAGED IN THE HOLE SHALL CONTINUE TO BE PAID UP TO AND INCLUDING THE DATE ON WHICH SCHLUMBERGER RECEIVES NOTICE IN WRITING OF THE LOSS

(c) Application of Indomnities. The assumption of liability and indomnities in (a) and (b) above shall apply to any loss, DAMAGE, EXPENSE, INJURY, ILLNESS OR DEATH WITHOUT REGARD TO THE CAUSE(S) THEREOF INCLUDING, WITHOUT LIMITATION, URISEAWORTHINESS, STRICT LIABILITY, ULTRAHAZARDOUS ACTIVITY, BREACH OF EXPRESS OR IMPLIED WARRANTY, IMPERFECTION OF MATERIAL, DEFECT OR FAILURE OF FOURDMENT, DEFECT OR "RINN" OR OTHER COMDITION OF PREMISES, INCLUDING ANY COMDITIONS THAT PRE-PAIST THE EXECUTION OF THIS AGREEMENT, OR THE SOLE OR CONCURRENT, ACTIVE OR PASSIVE, NEGLIGENCE OR OTHER FAULT OF THE INDEMNITEE OR ITS CONTRACTORS OR SUBCONTRACTORS OR ITS OR THEIR EMPLOYEES, AGENTS OR INVITEES,

(d) Special Indomnity. Notwithstanding anything to the contrary herein, customer agrees to protect, defend, inde AND HOLD SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION (INCLUDING ALL COSTS, EXPENSES AND ATTORNEY'S FEES) OF EVERY KIND AND CHARACTER, WITHOUT REGARD TO THE CAUSE OR CAUSES THEREOF, THE UNSEAWORTHINESS OF ANY VESSEL, STRICT LIABILITY OR THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE OF ANY PARTY (EXCLUDING THE GROSS NEGLIGENCE OF SCHLUMBERGER GROUP), ARISING IN CONNECTION HEREWITH IN FAVOR OF CUSTOMER GROUP OR ITS CONTRACTORS OR SUBCONTRACTORS, SCHLUMBERGER GROUP AND ITS SUBCONTRACTORS OR ANY THIRD PARTY FOR: (1) PROPERTY DAMAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROL A WILD WELL; (II) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM POLLUTION, CONTAMINATION, OR RADIATION DAMAGE, WHETHER CAUSED BY CUSTOMER'S FARURE TO PROPERLY HANDLE, TRANSPORT OR DISPOSE OF ANY CHEMICALS AS REQUIRED BY PARAGRAPH G.(b) HEREOF OR OTHERWISE, INCLUDING CONTAINMENT, CLEAN-UP AND REMEDIATION OF THE POLILITANT AND CONTAINMENT, WHETHER OR NOT REQUIRED BY AN APPLICABLE FEDERAL, STATE OR LOCAL LAW OR REGULATION; (III) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES, OR WATER OR THE WELL BORE ITSELF, SURFACE DAMAGE ARISING FROM SUBSURFACE OR SUBSEA BAMAGE; (IV) COST TO CONTROL A WILD WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REDRILLING OR REWORKING AND RELATED CLEAN UP COSTS; (V) DAMAGE TO PROPERTY OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER, AND/OR WELL OWNER, IF DIFFERENT FROM CUSTOMER (THE TERM "WELL OWNER" SHALL INCLUDE WORKING AND ROYALTY INTEREST OWNERS OR THE OWNER OF ANY DRILLING RIG, PLATFORM OR OTHER STRUCTURE AT THE WELL SITE); OR (VI.) SUBSURFACE

(e) Anti-Indemnity and Insurance Savings Clause. If any defense, indemnity or insurance provision contained in this Contract conflicts with, is prohibited by or violates public policy under any foderal, state or other law determined to be applicable to a particular situation arising from or involving any services, equipment and/or products hereunder, it is understood and agreed that the conflicting, prohibited, or violating provision shall be deemed automatically amended in that situation to the extent, but only to the extent, necessary to conform with, not be prohibited by and avoid violating public policy under such applicable law

- Incidental or Consequential Damages. It is expressly agreed that the schlumberger group shall not be liable to the CUSTOMER GROUP FOR ANY PUNITIVE, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, ANY LOSS OF PROFITS OR BUSINESS INTERRUPTION OR LOSS OF USE, LOSS OF PRODUCTION OR LOSS OF RIG TIME
- Insurance Each party, as indemnitor, shall support the indemnity obligations it assumes under Paragraph 8, by obtaining at its own cost, adequate insurance for the benefit of the other party as indemnitee, with contractual indemnity endorsements. To the extent each party assumes liability, such insurance shall waive subrogation against and name the indemnitee and its Group as additional insured(s) and loss payee, and to the same extent such coverage shall be primary to that carried by the indemnified Group. Customer shall not self-insure without the written consent of Schlumberger
- Limitation of Liability. Schlumberger's liability, however arising from or in connection with this Contract (whether for breach of contract, negligence, misrepresentation, or otherwise), shall not in any circumstances exceed the full value of the consideration then owed to Schlumberger under this Contract
- Miscellaneous. Schlumberger shall not be hable for any delay or non-performance due to governmental regulation, labor disputes, hostile action, weather, fire, acts of God or any other causes beyond the reasonable control of Schlumberger. This Contract shall be governed by the laws of the state where the services are performed or equipment or products are furnished, except if furnished offshore or on navigable water, Federal Maritime Laws will govern. Should any clause, sentence, or part of these General Terms and Conditions be held invalid, such holding shall not invalidate the remainder, and the Terms and Conditions shall be interpreted as if the invalid clause, sentence, or part has been modified or umitted, if necessary, as required to conform to the jurisdiction purporting to limit such provision

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2005-Mar-02 12:00 2.6 572 38.9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2005-Mar-02	11:59	2.6	641	36.3	0	0	0	0				
2005-Mar-02 12:00 2.6 568 40.1 0 0 0 0 0 0 0 2005-Mar-02 12:01 2.6 494 41.4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		11:59	2.6	595	37.6	0	0	0	0				
2005-Mar-02		12:00	2.6	572	38.9	0	0	0	0				
2006-Mar-02 12:01 2.6 476 42.7 0 0 0 0 2005-Mar-02 12:02 2.6 462 44.0 0 0 0 0 2005-Mar-02 12:03 2.6 476 45.3 0 0 0 0 2005-Mar-02 12:03 2.6 538 46.6 0 0 0 0 2005-Mar-02 12:03 2.6 549 47.8 0 0 0 0 2005-Mar-02 12:04 2.6 531 49.1 0 0 0 0 2005-Mar-02 12:05 2.6 499 51.7 0 0 0 0 2005-Mar-02 12:06 2.6 481 53.0 0 0 0 0 2005-Mar-02 12:06 2.6 471 55.6 0 0 0 0 2005-Mar-02 12:07 2.6 476 56.8 0	2005-Mar-02	12:00	2.6	568	40.1	0	0	0	0				
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THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEMNITY PROVISIONS - PLEASE READ CAREFULLY.

Acceptance By requesting Schlumberger's services, equipment, or products, Customer voluntarily elects to enter into and be bound by these General Terms and Conditions.

Definition

- Schlumberger Schlumberger Technology Corporation, a Texas corporation.

 Customer the person, firm or other entity to which equipment and/or services are supplied or provided b.
- Group Either Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors, employees, agents and invitees
- Terms Cash in advance unless Schlumberger has approved Customer's credit prior to the sale. Terms of sale for crodit-approved accounts are total invoice amount due on or before the 30th day from the date of invoice. Customer shall pay interest on past due balances at the lesser of 1.5% per month or the maximum allowed by applicable state or federal law. If Customer's account becomes delinquent, Schlumberger shall have the right to revoke any and all previously applied discounts. Upon such revocation, the full invoice price without discount will become immediately due and owing and subject to collection. Customer hereby agrees to pay all fees directly or indirectly incurred in the collection of past due or delinquent accounts.
- Taxes. Customer shall pay any and all taxes or other levies (other than income taxes) imposed by any government, governmental init or similar authority with respect to the charges made or payments received in connection with Schlumberger's services,
- Independent Contractor. Schlumberger is and shall be an independent contractor with respect to the performance of the services set forth on this Service Contract, and neither Schlumberger nor anyone employed by Schlumberger shall be the agent, representative, employee or servent of Customer in the performance of such services or any part hereof. When Contractor's employees (defined to include Schlumberger's direct, borrowed, special, or statutory employees) are covered by the Louisiana Workers' Compensation Act, La R.S. 23:1021 et seq., Customer and Schlumberger agree that all work and operations porformed by Schlumberger and its employees pursuant to this Contract are an integral part of and are essential to the ability of Customer to generate Customer's goods, products and services for purposes of La R.S. 23:1061 (A)(1). Furthermore, Customer and Schlumborger agree that Customer is the statutory employer of Schlumborger's employees for purposes of La R S 23:1061 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R S 23:1031 (C)) of Schlumberger's employees, Schlumberger shall remain primarily responsible for the payment of Louisiana workers' compensation benefits to its employees, and shall not be entitled to seek contribution for any such payments from Customer

- (a) Well Conditions; Notification of Hazardous Conditions. Customer, having custody and control of the well and superior knowledge of the conditions in and surrounding it, shall provide Schlumberger with all necessary information to enable Schlumberger to perform its services safely and efficiently. Schlumberger's equipment is designed to operate under conditions normally encountered in the well bore; however, if hazardous or unusual conditions exist, Customer shall notify chlumberger in advance and make special arrangements for servicing such wells.
- (b) Chemicals. The handling and discosal of any chemical, waste or by-product used or generated ("Chemicals") in the performance of the services are the sole responsibility of Customer, who is the owner and generator thereof Customer agrees that it will transport and dispose of any such Chemicals in accordance with all applicable federal, state and local laws and regulations. Customer hereby waives, releases and agrees not to assert any claim or bring any cost recovery action against Schlumborger in connection with the use, generation, storage, transportation or disposal of Chemicals under any common law theories or federal, state or local environmental laws or regulations, now existing or hereinafter enacted, without regard to the cause or causes thereof or the negligence of any party

 (c) Radioactive Sources. If any radioactive source is lost in a well, at the well site, while being transported by Customer or
- a third-party on behalf of Customer, or while under the custody or control of Customer, Customer shall exert its best efforts to recover the source and shall take precautions in order to avoid breaking or damaging the source. If the source is not recovered, or if the container is broken, Customer shall immediately comply with all applicable laws and regulations, including the isolation and marking of the location of the source.
- (d) Fishing Operations. Customer shall assume the entire responsibility for operations in which Customer or its representatives attempt to fish for equipment but Schlumberger will, without assuming liability and if so requested by Customer, render assistance for the recovery of such equipment,

Warranty for Products and Services.

- (a) Schlumberger represents and warrants that all services shall be performed in a good and workmanlike manner in accordance with good oilfield practices and that it shall exercise diligence to insure the correctness and safe transport of all log, test and other data. Schlumberger will give Customer the benefit of its bost judgment based on its experience interpretagn information and making written or oral recommendations concerning logs or tests or other data, type or amount of material or service required, manner of performance or predicting results. Nevertheless, all such recommendations or predictions are opinions only and in view of the impracticability of obtaining first-hand knowledge of the many variable conditions, the reliance on inferences, measurements and assumptions which are not infallible, and/or the necessity of relying on facts and supporting services furnished by others, NO WARRANTY IS GIVEN CONCERNING THE ACCURACY OR COMPLETENESS OF LOG, Test or other data, the effectiveness of material used, recommendations given, or results of the services rendered. Schlumberger will not be responsible for accidental or intentional INTERCEPTION OF OR TAMPERING WITH DATA BY OTHERS, NOR DOES SCHLUMBERGER GUARANTEE THE SAFE STORAGE OR THE LENGTH OF TIME OF STORAGE OF ANY DIGITAL TAPES, OPTICAL LOGS OR PRINTS, OR OTHER SIMILAR PRODUCTS OR MATERIALS.
- Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished shall conform to the quality and specifications represented. Schlumberger warrants all its products to be free of defects in material and workmanship for a period of twelve (12) months from the date of installation or eighteen (18) months from the date of shipment, whichever occurs first,

The above warranty does not apply to:

- products that have been modified and/or subjected to improper handling, storage, installation, operation or (1) maintenance or to any product normally consumed in operation,
 any item which is purchased by Schlumberger or furnished by Customer as a component part of a product, or not
- (11) manufactured by Schlumberger and purchased for Customer except to the extent to which such items are covered by the warranty, if any, of the original manufacturer thereof;
- (in) the design on those jobs where Schlumberger prepares shop drawings, tracing drawings or lists from designs furnished
- (iv) models or samples which are furnished to Customer as illustrations only of the general properties of Schlumberger's products and workmanship; damage to a product caused by abrasive materials, corrosion due to aggressive fluids, lightning, improper voltage
- (v) supply, mishandling or misapplication
 Schlumberger's liability under its warranty is expressly limited to the repair, replacement or the refund of an equitable portion
- of the purchase price, at its sole option, of products or services which prove to be defective within the warranty period. A Customer claim made pursuant to this warranty shall be made immediately upon discovery and confirmed in writing within thirty (30) days after discovery of the defect. Defective items must be held for inspection and returned to the original FO.B. point upon request. Schlumberger shall have the right to inspect the products claimed to be defective and shall have the right

to determine the cause of such defect. Returned products shall become the property of Schlumberger

TO GETERMINE THE COURSE OF SUCH DETECT. HERUMED PRODUCTS SHALL DESCRIPTIONS OF SCHUMDERGER THE FOREGOING WARRANTIES FOR SERVICES AND PRODUCTS ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL, WHITTEN, EXPRESS, IMPLIED OR STATUTORY. IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY SHALL NOT APPLY. SCHLUMBERGER'S WARRANTY OBLIGATIONS AND CUSTOMER'S REMEDIES THEREUNDER (EXCEPT AS TO TITLE) ARE SOLELY AND EXCLUSIVELY AS STATED HEREIN.

INDEMNITIES 8.

- 1. SCHLUMBERGER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, BEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS.
- CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER group and its insurers against all claims arising out of or in connection with personal injury, illness or death of any MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS.

CUSTOMER ASSUMES ALL LIABILITY FOR, AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD THE SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL DAMAGE, LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (INCLUDING ALL COSTS AND EXPENSES THEREOF AND REASONABLE ATTORNEY'S FEES) ARISING IN CONNECTION THEREWITH:

- 1. ON ACCOUNT OF LOSS OF AMD/OR DAMAGE TO THE CUSTOMER GROUP OR ITS CONTRACTORS' (OTHER THAN SCHLUMBERGER) OR
- ON ACCOUNT OF LOSS OF OR DAMAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WHEN SUCH LOSS OR DAMAGE OCCURS: (I) IN THE HOLE, (II) WHILE IN TRANSIT OR BEING MOVED ON ANY FORM OF TRANSPORTATION OWNED OR FURNISHED BY CUSTOMER, (III) WHILE LOCATED AT THE WELL SITE WHEN SCHLUMBERGER PERSONNEL ARE NOT PRESENT. (IV) AS A RESULT OF IMPROPERLY MAINTAINED, PRIVATE ACCESS ROADS TO THE WELLSITE, OR (V) WHILE BEING USED BY OR WHILE UNDER THE CUSTODY OR CONTROL OF ANY PERSON OTHER THAN A SCHLUMBERGER EMPLOYEE, WHETHER IN AN EMERGENCY OR OTHERWISE. THE PROPERTY, EQUIPMENT, MATERIALS AND PRODUCTS WILL BE VALUED AT THEIR RESPECTIVE LANDED REPLACEMENT COST. WITH RESPECT TO (I) ABOVE, RENTAL CHARGES ON THE EQUIPMENT LOST OR DAMAGED IN THE HOLE SHALL CONTINUE TO BE PAID UP TO AND INCLUDING THE DATE ON WHICH SCHLUMBERGER RECEIVES NOTICE IN WRITING OF THE LOSS

(c) Application of Indomnities. The assumption of Liability and Indomnities in (a) and (b) above shall apply to any loss, DAMAGE, EXPENSE, IMJURY, ILLNESS OR DEATH WITHOUT REGARD TO THE CAUSE(S) THEREOF INCLUDING, WITHOUT LIMITATION, UNSEAWORTHINESS, STRICT LIABILITY, ULTRAHAZARDOUS ACTIVITY, BREACH OF EXPRESS OR IMPLIED WARRANTY, IMPERFECTION OF MATERIAL, DEFECT OR FAILURE OF EQUIPMENT, DEFECT OR "RUIN" OR OTHER CONDITION OF PREMISES, INCLUDING ANY CONDITIONS THAT PRE-EXIST THE EXECUTION OF THIS AGREEMENT, OR THE SOLE OR CONCURRENT, ACTIVE OR PASSIVE, NEGLIGENCE OR OTHER FAULT OF THE INDEMNITEE OR ITS CONTRACTORS OR SURCONTRACTORS OR ITS OR THEIR EMPLOYEES, AGENTS OR INVITEES.

(d) Special Indompity. Notwithstanding anything to the contrary herein, customer agrees to protect, defend, indemnify, AND HOLD SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION (INCLUDING ALL COSTS, EXPENSES AND ATTORNEY'S FEES) OF EVERY KIND AND CHARACTER, WITHOUT REGARD TO THE CAUSE OR CAUSES THEREOF, THE UNSEAWORTHINESS OF ANY VESSEL, STRICT LIABILITY OR THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE OF ANY PARTY (EXCLUDING THE GROSS NEGLIGENCE OF SCHLUMBERGER GROUP), ARISING IN CONNECTION HEREWITH IN FAVOR OF CUSTOMER GROUP OR ITS CONTRACTORS OR SUBCONTRACTORS, SCHLUMBERGER GROUP AND ITS SUBCONTRACTORS OR ANY THIRD PARTY FOR: (I) PROPERTY DAMAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROL A WILD WELL; (II) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM POLLUTION, CONTAMINATION, OR RADIATION DAMAGE, WHETHER CAUSED BY CUSTOMER'S FAILURE TO PROPERLY HANDLE, TRANSPORT OR DISPOSE OF ANY CHEMICALS AS REQUIRED BY PARAGRAPH G.(b) HEREOF OR OTHERWISE, INCLUDING CONTAINMENT, CLEAN-UP AND REMEMATION OF THE POLUTRAYT AND CONTAINMATION, WHETHER OR NOT REQUIRED BY AN APPLICABLE FEDERAL, STATE OR LOCAL LAW OR REGULATION; (III) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES, OR WATER OR THE WELL BORE ITSELF, SUBFACE DAMAGE ARISING FROM SUBSURFACE OR SUBSEA DAMAGE; (IV) COST TO CONTROL A WILD WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REDRILLING OR REWORKING AND RELATED CLEAN UP COSTS; (V) DAMAGE TO PROPERTY OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER, AND/OR WELL OWNER, IF DIFFERENT FROM CUSTOMER (THE TERM "WELL OWNER" SHALL INCLUDE WORKING AND ROYALTY INTEREST OWNERS OR THE OWNER OF ANY DRILLING RIG, PLATFORM OR OTHER STRUCTURE AT THE WELL SITE); OR (VI.) SUBSURFACE

(e) Anti-Indemnity and Insurance Savings Clause. If any defense, indemnity or insurance provision contained in this Contract conflicts with, is prohibited by or violates public policy undor any foderal, state or other law determined to be applicable to a particular situation ansing from or involving any services, equipment and/or products here the conflicting, prohibited, or violating provision shall be deemed automatically amended in that situation to the extent, but only to the extent, necessary to cunform with, not be prohibited by and avoid violating public policy under such applicable law

- incidental or Consequential Damages. It is expressly agreed that the schlumberger group shall not be liable to the CUSTOMER GROUP FOR ANY PUNITIVE, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, ANY LOSS OF PROFITS OR BUSINESS INTERRUPTION OR LOSS OF USE, LOSS OF PRODUCTION OR LOSS OF RIG TIME
- Insurance Each party, as indemnitor, shall support the indemnity obligations it assumes under Paragraph 6, by obtaining at its own cost, adequate insurance for the benefit of the other party as indemnitee, with contractual indemnity endorsements. To the extent each party assumes liability, such insurance shall waive subrogation against and name the indemnitee and its Group as additional insured(s) and loss payee, and to the same extent such coverage shall be primary to that carried by the indemnified Group, Customer shall not self-insure without the written consent of Schlumberner
- Limitation of Liability Schlumberger's liability, however arising from or in connection with this Contract (whether for breach of ontract, negligence, misrepresentation, or otherwise), shall not in any circumstances exceed the full value of the consideration then owed to Schlumberger under this Contract
- Miscellaneous. Schlumberger shall not be liable for any delay or non-performance due to governmental regulation, labor International Committee and the state of God or any dealy or non-performance due to governmental regulation, labor disputes, hostile action, weather, fire, acts of God or any other causes beyond the reasonable control of Sohlumberger. This Contract shall be governed by the laws of the state where the services are performed or equipment or products are furnished, except if furnished offshore or on navigable water, Federal Martime Laws will govern. Should any clause, sentence, or part of these General Ferms and Conditions shall be interpreted as if the invalid clause, sentence, or part has been modified or omitted, if necessary, as required to conform to the jurisdiction purporting to limit such provision.

Date 2005-Mar-02 2005-Mar-02 2005-Mar-02	Time 24 hr clock 12:13	CMT RATE	CMT TREAT	CMT STG VOL	0	51-Mar-02	0	OXY USA, INC.	Message			
2005-Mar-02 2005-Mar-02 2005-Mar-02	24 hr clock				C. F. C. S. SONOON		anypopularing	22∎ u 201100un 2012 4 5 2 11 €	Message			
2005-Mar-02 2005-Mar-02	clock			Nation 1								
2005-Mar-02 2005-Mar-02		bbl/min	psi	bbi	0	0	0	Ō				
2005-Mar-02 2005-Mar-02	12.13	2.6	513	73.5	0	0	0	0				
2005-Mar-02	42.44			74.7	0	0	0	0				
	12:14	2.6	508		0	0	0	0				
?005-Mar-02	12:14	2.6	531	76.0			0	0				
	12:15	2.6	536	77.3	0	0						
	12:15	2.6	540	78.6	0	0	0	0				
	12:16	2.5	545	79.8	0	0	0	0				
	12:16	2.6	540	81.1	0	0	0	0				
	12:17	2.6	554	82.4	0	0	0	0				
	12:17	2.6	568	83.7	0	0	0	0	4			
	12:18	2.6	609	85.0	0	0	0	0				
2005-Mar-02	12:18	2.6	613	86.3	0	0	0	0	, , , , , , , , , , , , , , , , , , , ,			
2005-Mar-02	12:19	2.6	632	87.6	0	0	0	0				
2005-Mar-02	12:19	2.6	613	88.8	0	0	0	0				
2005-Mar-02	12:20	2.5	613	90.1	0	0	0	0				
2005-Mar-02	12:20	2.3	325	91.3	0	0	0	0				
2005-Mar-02	12:21	2.4	348	92.4	0	0	0	0				
2005-Mar-02	12:21	2.5	517	93.6	0	0	0	0				
	12:22								Start Displacement			
	12:22	2.5	558	94.6	0	0	0	0				
	12:22	2.5	558	94.7	0	0	0	0				
	12:22					<u> </u>			Reset Total, Vol = 94.70 bbl			
	12:22	2.5	490	0.2	0	0	0	0				
	12:22		100	1		+			End Tail Slurry			
	12:22	2.5	650	1.4	0	0	0	0	Life Fee Oldry			
	12:23	2.4	700	2.6	0	0	0	0				
	12:23	2.4	783	3.8	0	0	0	0				
			 									
	12:24	2.3	797	5.0	0	0	0	0				
	12:24	2.3	847	6.1	0	0	0	0				
	12:25	2.3	870	7.3	0	0	0	0				
	12:25	2.3	723	8.4	0	0	0	0				
	12:26	2.3	728	9.6	0	0	0	0				
	12:26	0.2	124	10.7	0	0	0	0				
2005-Mar-02	12:27	0.0	362	10.7	0	0	0	0				
2005-Mar-02	12:27	0.0	325	10.7	0	0	0	0				
2005-Mar-02	12:28	0.0	320	10.7	0	0	0	0				
2005-Mar-02	12:28	0,0	293	10.7	0	0	0	0				
2005-Mar-02	12:29	0.0	293	10.7	0	0	0	0				
	12:29	0.0	288	10.7	0	0	0	0				
2005-Mar-02	12:30	0.0	288	10.7	0	0	0	0				
2005-Mar-02	12:30	1.5	1035	10.9	0	0	0	0				
2005-Mar-02	12:31	1.0	1703	11.2	0	0	0	0				
	12:31	0.0	2037	11.3	0	0	0	0				
	12:32	0.0	215	11.3	0	0	0	0				
	12:32	0.0	0	11.3	0	0	0	0				
	12:33	0.0	0	11.3	0	0	0	0				
	12:33	0.0	0	11.3	0	0	0	0				
	12:34	0.0	0	11.3	0	0	0	0				
	12:34	0.0	0	11.3	0	0	0	0				
	12:35	0.0	0	11.3	0	0						
	12:35	0.0	-5				0	0				
			-	11.3	0	0	0	0				
	12:36	0.0	0	11.3	0	0	0	0				
	12:36	0.0	46	11.3	0	0	0	0				
	12:37 12:37	4.5	46	12.8	0	0	0	0	End Displacement			

Revised 12/31/02 GENERAL TERMS AND CONDITIONS

THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEMNITY PROVISIONS - PLEASE

Acceptance. By requesting Schlumberger's services, equipment, or products, Customer voluntarily elects to enter into and be hound by these General Terms and Conditions

Definition

- Schlumberger Schlumberger Technology Corporation, a Texas corporation.
- Customer the person, firm or other entity to which equipment and/or services are supplied or provided b.
- Group Either Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors, employees, agents and invitees.
- Terms. Cash in advance unless Schlumberger has approved Customer's credit prior to the sale. Terms of sale for credit-approved accounts are total invoice amount due on or before the 30th day from the date of invoice. Customer shall pay interest on past due balances at the lesser of 1.5% per month or the maximum allowed by applicable state or federal law If Customer's account becomes delinquent, Schlumberger shall have the right to revoke any and all previously applied discounts. Upon such revocation, the full invoice price without discount will become immediately due and owing and subject to collection. Customer hereby agrees to pay all fees directly or indirectly incurred in the collection of past due or delinquent accounts.
- Taxes. Customer shall pay any and all taxes or other levies (other than income taxes) imposed by any government, governmental unit or similar authority with respect to the charges made or payments received in connection with Schlumberger's services,
- Independent Contractor Schlumberger is and shall be an independent contractor with respect to the performance of the services set forth on this Service Contract, and neither Schlumberger nor anyone employed by Schlumberger shall be the agent, representative, employee or servant of Customer in the performance of such services or any part hereof. When Contractor's employees (defined to include Schlumberger's direct, borrowed, special, or statutory employees) are covered by the Louisiana Workers' Compensation Act, La R.S. 23:1021 et seq., Customer and Schlumbergor agree that all work and operations performed by Schlumberger and its employees pursuant to this Contract are an integral part of and are essential to the ability of Customer to generate Customer's goods, products and services for purposes of La R.S. 23 1061 (A)(1) Furthermore, Customer and Schlumberger agree that Customer is the statutory employer of Schlumberger's employees for purposes of La R S. 23 1061 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1031 (C)) of Schlumberger's employees, Schlumberger shall remain primarily responsible for the payment of Louisiana workers' compensation benefits to its employees, and shall not be entitled to seek contribution for any such payments from Customer

- (a) Well Conditions, Notification of Hazardous Conditions. Customer, having custody and control of the well and superior knowledge of the conditions in and surrounding it, shall provide Schlumberger with all necessary information to enable Schlumberger to perform its services safely and efficiently. Schlumberger's equipment is designed to operate under conditions normally encountered in the well bore, however, if hezardous or unusual conditions exist. Customer shall notify Schlumberger in advance and make special arrangements for servicing such wells
- (b) <u>Chemicals</u>. The handling and disposal of any chemical, waste or by-product used or generated ("Chemicals") in the porformance of the services are the sole responsibility of Customer, who is the owner and generator thereof. Customer agrees that it will transport and dispose of any such Chemicals in accordance with all applicable federal, state and local laws and regulations. Customer hereby waives, releases and agrees not to assert any claim or bring any cost recovery action against Schlumberger in connection with the use, generation, storage, transportation or disposal of Chemicals under any common law theories or federal, state or local environmental laws or regulations, now existing or hereinafter enacted, without regard to the cause or causes thereof or the negligence of any party.

 (c) Radioactive Sources | If any radioactive source is lost in a well, at the well site, while being transported by Customer or
- a third-party on behalf of Customer, or while under the custody or control of Customer, Customer shall exert its best efforts to recover the source and shall take precautions in order to avoid breaking or damaging the source. If the source is not recovered, or if the container is broken, Customer shall immodiately comply with all applicable laws and regulations, including the isolation and marking of the location of the source.
- Fishing Operations. Customer shall assume the entire responsibility for operations in which Customer or its representatives attempt to fish for equipment but Schlumberger will, without assuming liability and if so requested by Customer, render assistance for the recovery of such equipment

Warranty for Products and Services.

- (a) Schlumberger represents and warrants that all services shall be performed in a good and workmanlike manner in accordance with good pilifield practices and that it shall exercise diligence to insure the correctness and safe transport of all log, test and other data. Schlumberger will give Customer the benefit of its best judgment based on its experience interpreting information and making written or oral recommendations concerning logs or tests or other data, type or amount of material or service required, manner of performance or predicting results. Nevertheless, all such recommendations or predictions are opinions only and in view of the impracticability of obtaining first-hand knowledge of the many variable conditions, the reliance on inferences, measurements and assumptions which are not infallible, and/or the necessity of relying on facts and supporting Services furnished by others, NO WARRANTY IS GIVEN CONCERNING THE ACCURACY OR COMPLETENESS OF LOG, TEST OR OTHER DATA, THE EFFECTIVENESS OF MATERIAL USED, RECOMMENDATIONS GIVEN, OR RESULTS OF THE SERVICES RENDERED. SCHLUMBERGER WILL NOT BE RESPONSIBLE FOR ACCIDENTAL OR INTENTIONAL INTERCEPTION OF OR TAMPERING WITH DATA BY OTHERS, NOR DOES SCHLUMBERGER GUARANTEE THE SAFE STORAGE OR THE LENGTH OF TIME OF STORAGE OF ANY DIGITAL TAPES, OPTICAL LOGS OR PRINTS, OR OTHER SIMILAR PRODUCTS OR MATERIALS.
- Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished shall conform to the quality and specifications represented. Schlumberger warrants all its products to be free of defects in material and workmanship for a period of twelve (12) months from the date of installation or eighteen (18) months from the date of shipment, whichever occurs first

The above warranty does not apply to

- products that have been modified and/or subjected to improper handling, storage, installation, operation or maintenance or to any product normally consumed in operation;
- (n)any item which is purchased by Schlumberger or furnished by Customer as a component part of a product, or not manufactured by Schlumberger and purchased for Customer except to the extent to which such items are covered by the warranty, if any, of the original manufacturer thereof,
- the design on those jobs where Schlumberger prepares sliop drawings, tracing drawings or lists from designs furnished
- models or samples which are furnished to Customer as illustrations only of the general properties of Schlumberger's products and workmanship;
- damage to a product caused by abrasive materials, corrosion due to aggressive fluids, lightning, improper voltage supply, mishandling or misapplication.
- (c) Schlumberger's liability under its warranty is expressly limited to the repair, replacement or the refund of an equitable portion of the purchase price, at its sole option, of products or services which prove to be defective within the warranty period. A Customer claim made pursuant to this warranty shall be made immediately upon discovery and confirmed in writing within thirty (30) days after discovery of the defect. Defective items must be held for inspection and returned to the original F.O.B. upon request. Schlumberger shall have the right to inspect the products claimed to be defective and shall have the right

to determine the cause of such defect. Returned products shall become the property of Schlumbergel THE FOREGOING WARRANTIES FOR SERVICES AND PRODUCTS AREI DECURING PROPERTY OF ALL OTHER WARRANTIES, WHETHER DRAL, WRITTEN, EXPRESS, IMPLIED OR STATUTORY, IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY SHALL NOT APPLY. SCHLUMBERGER'S WARRANTY OBLIGATIONS AND CUSTOMER'S REMEDIES THEREUNDER (EXCEPT AS TO TITLE) ARE SOLELY AND EXCLUSIVELY AS STATED HEREIN.

INDEMNITIES 8.

(a) <u>Personnel</u>

- SCHLUMBERGER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS.
- CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF CHSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS.

CUSTOMER ASSUMES ALL LIABILITY FOR, AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD THE SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL DAMAGE, LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (INCLUDING ALL COSTS AND EXPENSES THEREOF AND REASONABLE ATTORNEY'S FEES) ARISING IN CONNECTION THEREWITH:

- 1. ON ACCOUNT OF LOSS OF AND/OR DAMAGE TO THE CUSTOMER GROUP OR ITS CONTRACTORS' (OTHER THAN SCHLUMBERGER) OR
- ON ACCOUNT OF LOSS OF OR DAMAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WHEN SUCH LOSS OR DAMAGE OCCURS: (1) BY THE HOLE, (11) WHILE IN TRANSIT OR BEING MOVED ON ANY FORM OF TRANSPORTATION OWNED OR FURNISHED BY CUSTOMER, (11) WHILE LOCATED AT THE WELL SITE WHEN SCHLUMBERGER PERSONNEL ARE NOT PRESENT, (IV) AS A RESULT OF IMPROPERLY MAINTAINED, PRIVATE ACCESS ROADS TO THE WELLSITE, OR (V) WHILE BEING USED BY OR WHILE UNDER THE CUSTODY OR CONTROL OF ANY PERSON OTHER THAN A SCHLUMBERGER EMPLOYEE, WHETHER IN AN EMERGENCY OR OTHERWISE. THE PROPERTY, EQUIPMENT, MATERIALS AND PRODUCTS WILL BE VALUED AT THEIR RESPECTIVE LANDED REPLACEMENT COST. WITH RESPECT TO (1) ABOVE, RENTAL CHARGES ON THE EQUIPMENT LOST OR DAMAGED IN THE HOLE SHALL CONTINUE TO BE PAID UP TO AND INCLUDING THE DATE ON WHICH SCHLUMBERGER RECEIVES NOTICE IN WRITING OF THE LOSS

(c) Application of Indemnities. The assumption of liability and indemnities in (a) and (b) above shall apply to any loss, DAMAGE, EXPENSE, INJURY, ILLNESS OR DEATH WITHOUT REGARD TO THE CAUSE(S) THEREOF INCLUDING, WITHOUT LIMITATION, UNSEAWORTHINESS, STRICT LIABILITY, ULTRANAZARDOUS ACTIVITY, BREACH OF EXPRESS OR IMPLIED WARRANTY, IMPERFECTION OF MATERIAL, DEFECT OR FAILURE OF EQUIPMENT, DEFECT OR "RUIN" OR OTHER CONDITION OF PREMISES, INCLUDING ANY CONDITIONS THAT PRE-EXIST THE EXECUTION OF THIS AGREEMENT, OR THE SOLE OR CONCURRENT, ACTIVE OR PASSIVE, NEGLIGENCE OR OTHER FAULT OF THE INDEMNITEE OR ITS CONTRACTORS OR SURCONTRACTORS OR ITS OR THEIR EMPLOYEES, AGENTS OR INVITEES,

(d) Special Indomnity. Notwithstanding anything to the contrary herein, customer agrees to protect, defend, indemnify, AND HOLD SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION (INCLUDING ALL COSTS, EXPENSES AND ATTORNEY'S FEES) OF EVERY KIND AND CHARACTER, WITHOUT REGARD TO THE CAUSE OR CAUSES THEREOF, THE UNSEAWORTHINESS OF ANY VESSEL, STRICT LIABILITY OR THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE OF ANY PARTY (EXCLUDING THE GROSS NEGLIGENCE OF SCHLUMBERGER GROUP), ARISING IN CONNECTION HEREWITH IN FAVOR OF CUSTOMER GROUP OR ITS CONTRACTORS OR SUBCONTRACTORS, SCHLUMBERGER GROUP AND ITS SUBCONTRACTORS OR ANY THIRD PARTY FOR: (I) PROPERTY DAMAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROL A WILD WELL; (II) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM POLLUTION, CONTAMINATION, OR RADIATION DAMAGE, WHETH CAUSED BY CUSTOMER'S FAILURE TO PROPERLY HANDLE, TRANSPORT OR DISPOSE OF ANY CHEMICALS AS REQUIRED BY PARAGRAPH G.(b) HEREOF OR OTHERSE, INCLUDING CONTAINMENT, CLEAN-UP AND REMEDIATION OF THE POLIDIANT AND CONTAINMATION, WHETHER OR NOT REQUIRED BY AN APPLICABLE FEDERAL, STATE OR LOCAL LAW OR REGULATION; (III) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES, OR WATER OR THE WELL BORE ITSELF, SUBFACE
DAMAGE ARISING FROM SUBSURFACE OR SUBSEA DAMAGE; (IV) COST TO CONTROL A WILD WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REDRILLING OR REWORKING AND RELATED CLEAN UP COSTS; (V) DAMAGE TO PROPERTY OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER, AND/OR WELL OWNER, IF DIFFERENT FROM CUSTOMES (THE TERM "WELL OWNER" SHALL INCLUDE WORKING AND ROYALTY INTEREST OWNERS OR THE OWNER OF ANY DRILLING RIG, PLATFORM OR OTHER STRUCTURE AT THE WELL SITE); OR (VI.) SUBSURFACE

(e) Anti-Indemnity and Insurance Savings Clause. If any defense, indemnity or insurance provision contained in this Contract conflicts with, is prohibited by or violates public policy under any federal, state or other law determined to be applicable to a particular situation arising from or involving any services, equipment and/or products hereunder, it is understood and agreed that the conflicting, prohibited, or violating provision shall be deemed automatically amended in that situation to the extent, but only to the extent, necessary to conform with, not be prohibited by and avoid violating public policy under such applicable law.

- Incidental or Consequential Damages. It is expressly agreed that the schlumberger group shall not be liable to the CUSTOMER GROUP FOR ANY PUNITIVE, INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, ANY LOSS OF PROFITS OR BUSINESS INTERRUPTION OR LOSS OF USE, LOSS OF PRODUCTION OR LOSS OF RIG TIME
- Insurance. Each party, as indemnitor, shall support the indemnity obligations it assumes under Paragraph 8, by obtaining at its own cost, adequate insurance for the benefit of the other party as indemnitee, with contractual indemnity endorsements. To the extent each party assumes liability, such insurance shall waive subrogation against and name the indemnitee and its Group as additional insured(s) and loss payee, and to the same extent such coverage shall be primary to that carried by the indemnified Group, Customer shall not self-insure without the written consent of Schlumberger,
- Limitation of Liability. Schlumberger's liability, nowever arising from or in connection with this Contract (whether for breach of contract, negligence, misrepresentation, or otherwise), shall not in any circumstances exceed the full value of the consideration then owed to Schlumberger under this Contract.
- Miscellaneous. Schlumberger shall not be liable for any delay or non-performance due to governmental regulation, labor disputes, hostile action, weather, fire, acts of God or any other causes beyond the reasonable control of Schlumberger. This Contract shall be governed by the laws of the state where the services are performed or equipment or products are furnished, except if furnished offshore or on navigable water, Federal Maritime Laws will govern. Should any clause, sentence, or part of these General Terms and Conditions be held invalid, such holding shall not invalidate the remainder, and the Terms and Conditions. shall be interpreted as if the invalid clause, sentence, or part has been modified or omitted, if necessary, as required to conform to the jurisdiction purporting to limit such provision

BA	UGHMAN				l l	1		Job Number				
	00. mm	'K' #3			O.E	61-Mar-02		OXY USA, INC	. 2205547681			
Date	Time	CMT RATE	CMT TREAT	CMT STG VOL	0	0	0	0	Message			
	24 hr		PRES									
	clock	bbl/min	psi	bbl	0	0	0	0				
2005-Mar-02	12:37	4.5	41	14.4	0	0	0	0				
2005-Mar-02	12:37	4.5	37	14.9	0	0	0	0				
2005-Mar-02	12:37					 			WASH PUMPS AND LINES			
2005-Mar-02	12:37	4.5	41	15.0	0	0	0	0				
2005-Mar-02	12:38	4.5	50	17.3	0	0	0	0				
2005-Mar-02	12:38	4.5	50	19.5	0	0	0	0				
2005-Mar-02	12:39	4.5	55	21.8	0	0	0	0				
2005-Mar-02	12:39	0.0	-14	23.6	0	0	0	0				
2005-Mar-02	12:40	0.0	-5	23.6	0	0	0	0				
2005-Mar-02	12:40	0.0	-5	23.6	0	0	0	0				
2005-Mar-02	12:41	0.0	0	23.6	0	0	0					
2005-Mar-02	12:41	0.0	-5	23.6	0	0		0				
	12:42	0.0	5	23.6	0	0	0	0				
	12:42	0.0	J	23.0	U		0	0				
~~~	12:42	0.0	50	00.6					Reset Total, Vol = 23.61 bbl			
	12:42	0.0	30	23.6	0	0	0	0				
				* *		<u> </u>			REVERSE OUT			
	12:42	1.4	60	0.0	0	0	0	0				
	12:42	2.8	462	0.6	0	0	0	0	`			
	12:43	2.8	760	2.0	0	0	0	0				
	12:43	2.8	819	3.4	0	0	0	0				
	12:44	2.8	819	4.8	0	0	0	0				
	12:44	2.8	819	6.2	0	0	0	0				
	12:45	2.8	819	7.6	0	0	0	0				
	12:45	2.8	824	9.0	0	0	0	0				
	12:46	2.8	819	10.4	0	0	0	0				
	12:46	2.8	742	11.8	0	0	0	0				
	12:47	2.8	572	13.2	0	0	0	0				
2005-Mar-02	12:47	2.8	449	14.6	0	0	0	0	***************************************			
2005-Mar-02	12:48	2.8	407	16.0	0	0	0	0				
2005-Mar-02	12:48	2.8	398	17.4	0	0	0	0				
2005-Mar-02	12:49	2.8	394	18.8	0	0	0	0				
2005-Mar-02	12:49	2.8	398	20.3	0	0	0	0				
2005-Mar-02	12:50	2.8	407	21.7	0	0	0	0				
2005-Mar-02	12:50	2.8	407	23.1	0	0	0	0	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s			
2005-Mar-02	12:51				-	1	+		Reset Total, Vol = 24.19 bbl			
	12:51	0.0	224	24.2	0	0	0	0	1.000 IVICH, VOI - 24.18 DDI			
	12:51	0.0	73	0.0	0	0	0	0				
	12:51	0.0	-9	0.0	0	0	0	0				
	12:52		-				"		End Joh			
	12:52	0.0	-5	0.0	0	0			End Job			
				U.U			0	0				
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Slurry		aaye rump 12	Mud	pm Maximu	m Pata T	ntoi Clum.		me of Fluid I	• •			
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2.0			0		2.5	96	0		40			
Maximum	l Final	reating Pres						eakdown Flu				
1000	2 252628	Average	, -	ug to Break	down		Vol	ume	Density			
<u>L</u>	Т_	500							obl lb/gal			
Avg. N2 Percent		esigned Slurry		Displacement		iter Temp	Cement Cir	culated to Surf	ace? Volume bbl			
A	%		6 bbl		bl	°F _	Washed Th	ru Perfs To	ft			
	orized Re	presentative	5	Schlumberger S	upervisor	- '						

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- Group Either Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors, employees, agents and invitees.
- Terms. Cash in advance unless Schlumberger has approved Customer's credit prior to the sale. Terms of sale for credit approved accounts are total invoice amount due on or before the 30th day from the date of invoice. Customer shall pay interest on past due balances at the lesser of 15% per month or the maximum allowed by applicable state or federal law. If Customer's account becomes delinquent, Schlumberger shall have the right to revoke any and all previously applied discounts. Upon such revocation, the full invoice price without discount will become immediately due and owing and subject to collection. Customer hereby agrees to pay all fees directly or indirectly incurred in the collection of past due or delinquent accounts.
- Taxes. Customer shall pay any and all taxes or other levies (other than income taxes) imposed by any government, governmental unit or similar authority with respect to the charges made or payments received in connection with Schlumberger's services,
- Independent Contractor Schlumberger is and shall be an independent contractor with respect to the performance of the services set forth on this Service Contract, and neither Schlumbergor nor anyone employed by Schlumberger shall be the agent, representative, employee or servant of Customer in the performance of such services or any part hereof. When Contractor's representative, employee of sortenia of batterian in the polarimeter of solar solar pair forces. What content is employees (defined to include Schlumberger's direct, borrowed, special, or statutory employees) are covered by the Louisiana Workers' Compensation Act, La R.S. 23 1021 et seq., Customer and Schlumberger agree that all work and opcrations performed by Schlumberger and its employees pursuant to this Contract are an integral part of and are essential to the ability of Customer to generate Customer's goods, products and services for purposes of La RS 23.1061 (A)(1) Furthermore, Customer and Schlumberger agree that Customer is the statutory employer of Schlumberger's employees for purposes of La R S. 23 1061 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1031 (C)) of Schlumberger's employees. Schlumberger shall remain primarily responsible for the payment of Louisiana workers' compensation penefits to its employees, and shall not be entitled to seek contribution for any such payments from Customer.

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- (b) Chemicals The handling and disposal of any chemical waste or by-product used or generated ("Chemicals") in the performance of the services are the sole responsibility of Customer, who is the owner and generator thereof Customer agrees that it will transport and dispose of any such Chemicals in accordance with all applicable federal, state and local laws and regulations. Customer hereby warves, releases and agrees not to assert any claim or bring any cost recovery action against Schlumberger in connection with the use, generation, storage, transportation or disposal of Chemicals under any common law theories or federal, state or local environmental laws or regulations, now existing or hereinafter enacted, without regard to the cause or causes thereof or the negligence of any party

  (c) Radioactive Sources If any radioactive source is lost in a well, at the well site, while being transported by Customer or
- a third-party on behalf of Customer, or while under the custody or control of Customer, Customer shall exact its best efforts to recover the source and shall take precautions in order to avoid breaking or damaging the source. If the source is not recovered, or if the container is broken, Customer shall immediately comply with all applicable laws and regulations, including the isolation and marking of the location of the source.
- (d) Fishing Operations. Customer shall assume the entire responsibility for operations in which Customer or its representatives attempt to fish for equipment but Schlumberger will, without assuming liability and if so requested by Customer, render assistance for the recovery of such equipment

# Warranty for Products and Services.

- (a) Schlumberger represents and warrants that all services shall be performed in a good and workmanlike manner in accordance with good oilfield practices and that it shall exercise diligence to insure the correctness and safe transport of all log, test and with your dimensional contents and other its shall execute to insure the contents and self-entaport or an log, rest insorting of other data. Schilmberger will give Customer the benefit of its best judgment based on its expenence interpreting information and making written or oral recommendations concerning logs or tests or other data, type or amount of material or service required, manner of performance or predicting results. Nevertheless, all such recommendations or predictions are opinions only and in view of the impracticability of obtaining first-hand knowledge of the many variable conditions, the reliance on inferences, measurements and assumptions which are not infallible, and/or the necessity of relying on facts and supporting Services furnished by others, NO WARRANTY IS GIVEN CONCERNING THE ACCURACY OR COMPLETENESS OF LOG, TEST OR OTHER DATA, THE EFFECTIVENESS OF MATERIAL USED, RECOMMENDATIONS GIVEN, OR RESULTS OF THE SERVICES RENDERED. SCHLUMRERGER WILL NOT BE RESPONSIBLE FOR ACCIDENTAL OR INTENTIONAL INTERCEPTION OF OR TAMPERING WITH DATA BY OTHERS, NOR DOES SCHLUMBERGER GUARANTEE TH SAFE STORAGE OR THE LENGTH OF TIME OF STORAGE OF ANY DIGITAL TAPES. OPTICAL LOGS OR PRINTS. OR OTHER SIMILAR PRODUCTS OR MATERIALS.
- Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished shall conform to the quality and specifications represented. Schlumberger warrants all its products to be free of defects in material and workmanship for a period of twelve (12) months from the date of installation or eighteen (18) months from the date of snipment, whichever occurs first. The above warranty does not apply to:

- products that have been modified and/or subjected to improper handling, storage, installation, operation or maintenance or to any product normally consumed in operation; any item which is purchased by Schlumberger or furnished by Customer as a component part of a product, or not
- (ii) manufactured by Schlumberger and purchased for Customer except to the extent to which such items are covered by the warranty, if any, of the original manufacturer thereof;
- (m) the design on those jobs where Schlumberger prepares shop drawings, tracing drawings or lists from designs furnished
- livi models or samples which are furnished to Customer as illustrations only of the general properties of Schlumberger's
- damage to a product caused by abrasive materials, corrosion due to aggressive fluids, lightning, improper voltage supply, mishandling or misapplication.
- (c) Schlumberger's liability under its warranty is expressly limited to the repair, replacement or the refund of an equitable portion of the purchase price, at its sole option, of products or services which prove to be defective within the warranty period. A Customer claim made pursuant to this warranty shall be made immediately upon discovery and confirmed in writing within thirty (30) days after discovery of the defect. Defective items must be held for inspection and returned to the original F.O.B point upon request. Schlumberger shall have the right to inspect the products claimed to be defective and shall have the right

to determine the cause of such defect. Returned products shall become the property of Schlumberger THE FOREGOING WARRANTIES FOR SERVICES AND PRODUCTS ARE IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL, WRITTEN, EXPRESS, IMPLIED OR STATUTORY, IMPLIED WARRANTIES OF STRESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY SHALL NOT APPLY. SCHLUMBERGER'S WARRANTY OBLIGATIONS AND CUSTOMER'S REMEDIES THEREUNDER (EXCEPT AS TO TITLE) ARE SOLELY AND EXCLUSIVELY AS STATED HEREIN.

### R INDEMNITIES

### (a) Personnel

- SCHLUMBERGER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER 1. GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY BER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS.
- CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER GROUP AND ITS INSURERS AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS.

Customer assumes all liability for, and hereby agrees to protect, defend, indemnify and hold the Schlumberger Group and THEIR INSURERS HARMLESS FROM AND AGAINST ALL DAMAGE, LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER (INCLUDING ALL COSTS AND EXPENSES THEREOF AND REASONABLE ATTORNEY'S FEES) ARISING IN CONNECTION THEREWITH:

- 1. ON ACCOUNT OF LOSS OF AND/OR DAMAGE TO THE CUSTOMER GROUP OR ITS CONTRACTORS' (OTHER THAN SCHLIMBERGER) OR
- ON ACCOUNT OF LOSS OF OR DAMAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WHEN SUCH LOSS OR BAMAGE OCCURS: (1) IN THE HOLE, (11) WHILE IN TRANSIT OR BEING MOVED ON ANY FORM OF TRANSPORTATION OWNED OR FURNISHED BY CUSTOMER, (111) WHILE LOCATED AT THE WELL SITE WHEN CONTINUATION OF STATE APPEARS APPEARED BEING THE WAS DECINED OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPERTY OF IMPROPER OR (V) WHILE BEING USED BY OR WHILE UNDER THE CUSTODY OR CONTROL OF ANY PERSON OTHER THAN A SCHLUMBERGER EMPLOYEE, WHETHER IN AN EMERGENCY OR OTHERWISE. THE PROPERTY, EQUIPMENT, MATERIALS AND PRODUCTS WILL BE VALUED AT THEIR RESPECTIVE LANDED REPLACEMENT COST. WITH RESPECT TO (1) ABOVE, RENTAL CHARGES ON THE EQUIPMENT LOST OR BAMAGED IN THE HOLE SHALL CONTINUE TO BE PAID UP TO AND INCLUDING THE DATE ON WHICH SCHLUMBERGER RECEIVES NOTICE IN WRITING OF THE LOSS

(c) Application of Indomnities. The assumption of Liability and Indomnities In (a) and (b) above shall apply to any loss, DAMAGE, EXPENSE, INJURY, ILLNESS OR DEATH WITHOUT REGARD TO THE CAUSE(S) THEREOF INCLUDING, WITHOUT LIMITATION, Uniseaworthiness, strict liability, ultrahazardous activity, breach of express or implied warranty, imperfection of material, DEFECT OR FAILURE OF EQUIPMENT, DEFECT OR "RUIN" OR OTHER CONDITION OF PREMISES, INCLUDING ANY CONDITIONS THAT PRE-EXIST THE EXECUTION OF THIS AGREEMENT, OR THE SOLE OR CONCURRENT, ACTIVE OR PASSIVE, NEGLIGENCE OR OTHER FAULT OF THE INDEMNITEE OR ITS CONTRACTORS OR SURCOUTRACTORS OR ITS OR THEIR EMPLOYEES, AGENTS OR INVITEES.

(d) Special Indomnity. Notwithstanding anything to the contrary herein, customer agrees to protect, defend, indemnify, AND HOLD SCHLUMBERGER GROUP AND THEIR INSURERS HARMLESS FROM AND AGAINST ALL LOSS, LIABILITY, CLAIMS, DEMANDS AND CAUSES OF ACTION (INCLUDING ALL COSTS, EXPENSES AND ATTORNEY'S FEES) OF EVERY KIND AND CHARACTER, WITHOUT REGARD TO THE CAUSE OR CAUSES THEREOF, THE UNSEAWORTHINESS OF ANY VESSEL STRICT LIABILITY OR THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE OF ANY PARTY (EXCLUDING THE GROSS NEGLISCHOE OF SCHLUMBERGER GROUP), ANSING IN CONNECTION HEREWITH IN FAVOR OF CLISTOMER GROUP OR ITS CONTRACTORS OR SUBCONTRACTORS, SCHLUMBERGER GROUP AND ITS SUBCONTRACTORS OR ANY THIRD PARTY FOR: (1) PROPERTY DAMAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROL A WILD WELL; (II) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM POLLUTION, CONTAMINATION, OR RADIATION DAMAGE, WHETHER CAUSED BY CUSTOMER'S FAILURE TO PROPERLY HANDLE. TRANSPORT OR DISPOSE OF ANY CHEMICALS AS REQUIRED BY PARAGRAPH 6.(b) HEREOF OR OTHERWISE, INCLUDING CONTAINMENT, CLEAN-UP AND REMEDIATION OF THE POLLUTANT AND CONTAMINATION, WHETHER OR NOT REQUIRED BY AN APPLICABLE FEDERAL. STATE OR LOCAL LAW OR REGULATION: (III) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM RESERVOIR OR UNDERGROUND DAMAGE, NICLUSING LOSS OF OIL, BAS, OTHER MINERAL SUSTAINCES, OR WATER OR THE WELL BORE (TISELF, SURFACE DAMAGE ARISING FROM SUBSURFACE OR SUBSEA DAMAGE; (IV) COST TO CONTROL A WILD WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REDRILLING OR REWORKING AND RELATED CLEAN UP COSTS; (V) DAMAGE TO PROPERTY OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER, AND/OR WELL OWNER, IF DIFFERENT FROM CUSTOMER (THE TERM "WELL OWNER" SHALL INCLUDE WORKING AND ROYALTY INTEREST OWNERS OR THE OWNER OF ANY DRILLING RIG, PLATFORM OR OTHER STRUCTURE AT THE WELL SITE); OR (VI.) SUBSURFACE

(e) Anti-Indemnity and Insurance Savings Clause. If any defense, indemnity or insurance provision contained in this Contract conflicts with, is prohibited by or violates public policy under any federal, state or other law determined to be applicable to a particular situation arising from or involving any services, equipment and/or products hereunder, it is understood and agreed that the conflicting, prohibited, or violating provision shall be deemed automatically amended in that situation to the extent, but only to the extent, necessary to conform with, not be prohibited by and avoid violating public policy under such applicable law

- Incidental or Consequential Damages. It is expressly agreed that the schlumberger group shall not be liable to the CHSTRINGER GROUP FOR ANY PUNITIVE. INCIDENTAL. CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, ANY LOSS OF PROFITS OR BUSINESS INTERRUPTION OR LOSS OF USE, LOSS OF PRODUCTION OR LOSS OF RIG TIME
- Insurance. Each party, as indemnitor, shall support the indemnity obligations it assumes under Paragraph 8, by obtaining at its own cost, adequate insurance for the benefit of the other party as indemnitee, with contractual indemnity endorsements. To the extent each party assumes liability, such insurance shall waive subrogation against and name the indemnitee and its Group as additional insured(s) and loss payee, and to the same extent such coverage shall be primary to that corried by the indemnified Group, Customer shall not self-insure without the written consent of Schlumberger.
- Limitation of Liability. Schlumberger's liability, however arising from or in connection with this Contract (whether for breach of contract, negligence, misrepresentation, or otherwise), shall not in any discumstances exceed the full value of the consideration then owed to Schlumberger under this Contract.
- Miscellaneous. Schlumberger shall not be liable for any delay or non-performance due to governmental regulation, labor disputes, hostile action, weather, fire, acts of God or any other causes beyond the reasonable control of Schlumberger. This Contract shall be governed by the laws of the state where the services are performed or equipment or products are furnished, except if furnished offshore or on navigable water, Federal Maritime Laws will govern. Should any clause, sentence, or part of these General Terms and Conditions be held invalid, such holding shall not invalidate the remainder, and the Terms and Conditions shall be interpreted as if the invalid clause, sentence, or part has been modified or omitted, if necessary, as required to conform to the jurisdiction purporting to limit such provision.

**Service Order** 

2005-May-26

Customer				Pers	on Taking Ca	ıll		Dowel	II Location		OrderDate	e Job	Number	
OXY USA, I Well Name and			L	Rak egal Loc	esh, Patha ation	ak Field			Perryton,	TX County	2005-N		<b>2055</b> 4 Province	<b>47681</b>
BAUGHMAI Well Master:	Л 'K' З			SEC 25 API / UW	i-32S-33W I:					SEWAR	:D	KAN	SAS	
Rig Name	06306576	36	Well A	ge	Sales E	ingineer				Job Typ	oe .			
Workover Time Well Rea	dy:	Deviation	New	Bit Size		ern, Chai Well MD	rles	Well TVD		Cem F BHP	Prod Casi B	ng нsт	внс	т
Treat Down	Packer T	ype	。 Packer Dep	7.87 oth	'in WellHead Co	3,133 ennection		3,130 HHP on Locati		( AllowedPr	psi essure	111 °F Max Allowe		96 °F essure
Casing				ft	2 3/8 & 2"	REG					1500			
		Casing	3				_	ervices Ins						
Depth, Depth, 3133	ft Size, 4.5	in 11.	Weight,	lb/ft	Grade			EMENT PR S CW100	OD 4½" (F	PORT CC	LLAR) C	ASING:		
			3133					35:65 Poz ( 35:65 Poz (					מעמפם	) 4 5
		Tubino	מ			200 (	Orti	00/001 02	_/OLAGO	1 - 2 /0 0 2	20 1 3 /010	1117 7 5 7	1 3042	. + 5
Depth,	Size, in	Weight,	•	Grade	Thread	PPS	D5	3 + 0.6 %D	112 + 0.25	%D65 +	0.25%D4	<b>1</b> 6		
3133	2.375	4.7	7			Extra	a F	quipment:						
						1 Ce								
	Perf	orated In	itervals			1 PU	IMP	TRUCK						
Top, <b>ft</b>	Bottom, ft	spf	No. of S	Shots	Total Interval	ı 2 AB	Т							
					f Diameter	Ť								
					i	n								
Expecte	ed On Loca	tion:				Ready T	Го Е	Pump:						
	Contact		Voi	ice		lobile		FAX			Not			
Wes V	Villimon				620-	655-1756	3		OF	FICE 1 6	20 629 42	247		

Notes:

# Directions:

PERRYTON, TX. HWY 83 NORTH TO LIBERAL, KS, CONTINUE 13 MI NORTH ON HWY 83 ACROSS RIVER BRIDGE TO WHITE + PURPLE GATE, T/R, 3/4 MI EAST ON RD TO LOCATION.

# Other Notes:

FOLLOW ALL CONVOY POLICIES AND QHSE STANDARDS, REMEMBER THAT YOUR FAMILY WAITS FOR YOU COME BACK SAFE!!!

# Comments:

Fluid Systems:

CW100

Conc/ Amount

61.1 lbs/sk

27.8 lbs/sk

5.334 lbs/sk

1.778 lbs/sk

0.5 lbs/sk

20 BBLS CW100

**Dowell Code** 

CLASS C

D132

D020

D029

S001

**TAIL** 

265 sks 50/50 Poz:H+2%D20+3%M117+5 PPSD42+5 PPS D53+0.6%D112+0.25% D65+ 0.25%D46 (25sks-rat & mouse)

Density: Yield: H2O Mix:	8.33	lb/gal ft³/sk gal/sk	Thickening Time	e <i>:</i>			Density: Yield: H2O Mix:	13.8 1.55 7.1	lb/gal ft³/sk gal/sk	Thickening Tim	ie:		
H2O:	0	gal	Eq. Sack Weigh Total Blend:	t:	0	lb sacks	H2O:	1881.5	gal	Eq. Sack Weig Total Blend:	ht: 8	86.71 265	ib sacks
Dowell Code		Cond	:/ Amount	Total Qu	anti	ity	Dowell Co	ode	Conc	/ Amount	Total G	Quantii	tv
J237A		5	5 gal		5		D046		0.216	lbs/sk		57.24	•
D122A		10	) gal		10		CLASS	Н	47	lbs/sk		12455	
							D132		39.71	lbs/sk	10	0523.1	5
		_					M117		2.6	lbs/sk		689	
		L	.EAD				D042		5	lbs/sk		1325	
60 sks 35:65 Po	z C+6	%D20+2	%S1+0.5 pps D2	29			D053		5	lbs/sk		1325	
							D020		1.734	lbs/sk	,	459.51	
							D065		0.216	lbs/sk		57.24	
Density:	12.2	lb/gal	Thickening Time	<del>)</del> :			D112		0.52	l lbs/sk		137.8	
Yield:	2.17	ft³/sk											
H2O Mix:	17.7	gal/sk											
H2O:	1062	gal	Eq. Sack Weigh Total Blend:	<i>t:</i> 88	.75 60	lb sacks							

Total Quantity 3666 1668

320.04

30

106.68