

ORIGINAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999

Form Must Be Typed

KCC WICHITA

KCC OCT 2 5 2006

Operator: License #

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

API No. 15 - 189-22535-0000

Name. OAT USA mc.	CountyStevens
Address: P.O. Box 2528	<u>SE</u> - <u>SE</u> - <u>NE</u> Sec <u>14</u> Twp. <u>34</u> S. R <u>35W</u>
City/State/Zip: Liberal, KS 67905	feet from S (N)circle one) Line of Section
Purchaser: Duke Energy	feet from W (circle one) Line of Section
Operator Contact Person: Vicki Carder	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 629-4200	(circle one) (NE) SE NW SW
Contractor: Name: Murfin Drilling Co., Inc.	Lease Name: Clodfelter B Well #: 2
License: 30606	Field Name: Ski Southeast
Wellsite Geologist: Marvin T. Harvey, Jr.	Producing Formation: Chester/Morrow
Designate Type of Completion:	Elevation: Ground: 2988 Kelly Bushing: 2999
X New Well Re-Entry Workover	Total Depth: 6720 Plug Back Total Depth: 6613
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 1705 feet
X Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
Dry Other (Core, WSW, Expl, Cathodic, etc)	If yes, show depth set
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to w/ sx cmt.
Well Name:	
	Drilling Fluid Management Plan AUT TWHW
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit) 12-12-07
Deepening Re-perf Conv. To Enhr./SWD	Chloride content 1100 mg/l ppm Fluid volume 1650 bbls
Plug Back Plug Back Total Depth	Dewatering method used <u>Evaporation</u>
X Commingled Docket No. Pending	Location of fluid disposal if hauled offsite:
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name:License No.:
06/29/0607/10/0608/29/06	Quarter Sec Twp,S. R East 🛛 Wes
Spud Date or Pate Reached TD Completion Date or Recompletion Date Completion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original an two copies of this form shall be filed with the Kansas 6702, within 120 days of the spud date, recompletion, workover or confine the spud of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs CEMENTINGTICKETS MUST BE ATTACHED. Submit CP-4 form with all pl	onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL
All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct, to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
	KCC Office Use Only
Signature: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1
Title: Capital Project Date 10/25/06	Letter of Confidentiality Attached If Denied, Yes Date:
Subscribed and sworn to before me this 25 day of	If Denied, Yes LJ Date:
	Wireline Log Received
2000	
Notary Public: WWW Tellison	Geologist Report Received
Date Commission Expires: Det. 1, 2009	UIC Distribution RECEIVED
A. ANITA PETERSON	OCT 2 C ages
Notary Public - State of Kansas	OCT 2 6 2006
My Appt. Expires October 1, 2009	VCC MIOUTA

Side Two

Operator Name: _	OX	Y USA Inc.			Lease Name	: Clodfe	ter B	Well #:	2
Sec14	Twp. <u>34</u> S.	R. <u>35W</u>	_	st 🔲 West	County:		Stevens	· · · · · · · · · · · · · · · · · · ·	
time tool open and	flow rates if gas to	d shut-in pr surface tes	essures, w st, along wi	hether shut-i th final chart(n pressure reach	ned static level,	hydrostatic pr	essures, bottom	hole temperature,
Drill Stem Tests To		☐ Yes	⊠ No	,	⊠ Log	Formation (Top	o), Depth and	Datum	Sample
Samples Sent to C	,		□ No		Name Chase			Top 2670	Datum 329
Cores Taken		☐ Yes	⊠ No		Wabaunsee			3449	-450
Electric Log Run (Submit Copy)		🛛 Yes	☐ No		Shawnee			3841	-842
List All E. Logs Ru	n: Array R	esistivity	Sonic		Heebner			4320	-1321
Microlog	Neutron		CBL		Toronto			4346	-1347
Geological	Report				Lansing			4439	-1440
					Marmaton			5166	-2167
					(See Side T	hree)			
				ING RECORI					
Purpose of String	Size Hole	Repor		set-conductor, s Weight	surface, intermedia	te, production, etc	# Sacks	Type a	and Percent
	Drilled	Set(in.		Lbs./ft.	Depth	Cement	Used	Ac	dditives
Conductor						С			
Surface	12 1/4	8 5/8	2	24	1705	C	885 195	35/65 Poz + Add	
Production	7 7/8	5 1/2	1	17	6700	н	175	50/50 Poz + Addit	
						<u></u>		<u></u>	
			ADDITION	AL CEMENT	ING / SQUEEZE	RECORD			
Purpose: Perforate	Depth Top Bottom		pe of ment	#Sacks Use	ed	Ту	pe and Perce	nt Additives	
Protect Casing	-								
Plug Back TD Plug off Zone	-								
Shots Per Foot	PERFORATIO	NI PECOPO	Bridge Dlui	as Sat/tuna		Acid Fractur	e Shot Cemen	t Squeeze Record	
Shots Fel 1 oot		otage of Each					nt and Kind of M		Depth
6	- te	6211-6	222		76 bbls 17	% HCL-FE			
4		6201-6	211					,	
2		6123-6	138		83 bbls 17	% HCL-FE			
3		6138-6	148		1913.7 ms	cf N2, 1335 bls	70Q N2		
					222,300# 2	20/40 Brady Sar	nd		
TUBING RECORD	Size	Set At	Pac	ker At	Liner Run	☐ Yes	⊠ No		
	ed Production, SWD	or Enhr.	Producing		flowing Pu		oolie 🗖 a	Other (Fundain)	
						· · ·		Other (Explain)	Gravity
Estimated Production Per 24 Hours	n Oil BBL	J	G	as Mcf 376		er Bbls 3.5	Gas-C	Dil Ratio	Gravity
Disposition of Gas	,	ME	ETHOD OF	COMPLETION	ON NC		Produ	ction Interval	
. Uente	d 🛛 Sold 🗌	Used on L		_		f. Dually (Comp. 🛛 (Commingled <u>Che</u>	ester 6201-6222
(if ve	nted, Submit ACO-	10)		☐ Othe	r (Specify)	· · · · · · · · · · · · · · · · · · ·		<u> Mo</u>	row 6123-6148

Side Three

Operator Name:			OXY US	A Inc.			Lease Name:	Clodfelter B	Well #:	2
Sec. <u>14</u>	_ Twp <u>3</u>	34	.s. R	35W	☐ East	☐ West	County:	Stevens	i	
<u>Name</u>							Тор	Datum		
Cherokee							5452	-2453		KCC
Atoka		1					5685	-2686	^	
Morrow							5841	-2842		CT 2 5 2006
Lower Morrow							6114	-3115	CUI	NFIDENTIAL
Upper Chester			-				6260	-3261		
St. Genevieve							6448	-3449		•
St. Louis							6557	-3558		

RECEIVED OCT 2 6 2006 KCC WICHITA

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The succession	•	25.3	Custon		WH22						Job Nur	
Well			OXY	••••	E CALIFORN	IA LLC		C-blo-b-	ae I		100000000000000000000000000000000000000	05551201
TTE	CI C	חבבו דבף	B 2		Location (legal)	4 T240	D3E/A/	Schlumberg				Job Start
Field	- CLO	DFELTER		nation Name/1	SEC 14	+1348	Deviation	Bit Siz	Perryto	Well MI	,	2006-Jun-3 Well TVD
All and	SKI SO	LITHE			, jpc		, Deviduon	12.3		1,70	- 1	1,706 ft
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H.	STEVE	NS 🤫	in.	К	ANSAS	× • •	p:	si 96°1	-	°F		psi/fl
Well Master:	063	30822631	API	/UWI: 1	51892253500	00		odromanio	asing	/Liner	-1	
Rig Name		Drill	ed For		Service Via		Depth, ft	Size, In		ht, lb/ft	Grade	Thread
MURFII	N 20	Oil	& Gas		Land		1706	8.63		24	:	
Offshore Zone	!	Well	Class C	Well	Туре	. 33	<u>.</u> -			- AF		
4 9 4			ું ∷ેં New		Developmen				<u> </u>	rill Pipe		
Drilling Fluid T	Уре	600	%- M	ax. Density	(Plastic Vi	і ср	Depth,	Size, in	Weig	int, Ib/fit	Grade	Thread
Service Line		lab	T.m.	lb	/gal							
_	nontina	300	Type Com Sur	fana Casina	-					/Open H	<u> </u>	
Max. Allowed 1	nenting Tubing Pres	sure Max	Allowed Ann. I	face Casing) WellHead Connec	ction	Top, ft	Bottom, ft	ations spf		of Shots	Total Interval
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CEMENT 8	5/8" SUR				Jan Jan			145.A. a				ir
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195 SK 35;t	35 POZ:C ASS C + 2	CLASS C + 9 9% S001 + 0	6% D020 + 2).125 pps D1	2% \$001 +∜ ⊧30	0.25 pps D130)	Casing		bbl			fi
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.lft Pressure:	Pipe Rota	720 ps	SI		Pine Perinment	hadi —	Shoe Type:	Guide		Squeeze 7	<u> </u>	*10,411
lo. Centralizers:		<u> </u>	Plugs:	Bo	Pipe Reciprocat ttom Plugs:		Shoe Depth: Stage Tool T	1706 vne:	π	Tool Type:		ft
ement Head Typ			Single				Stage Tool D		ft	Tail Pipe S		in
Job Scheduled	•	Arrived	on Location:	· · · · ·	Leave Location:	-	Collar Type:	Float		Tail Pipe C		ft
		2006	Jun-30 1	18:15 2	006-Jun-30 2	22:25	Collar Depth:	1662	ft	Sqz Total	Vol:	bbl
Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0			Messa	ge
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THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEMNITY AND CHOICE OF LAW 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. Definitions.

- a. Schlumberger Schlumberger Technology Corporation, a Texas corporation.
- b. 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 and employees.
- d. Claims Damage, loss, liability, claims, demands and causes of action of every kind and character (including all costs and expenses thereof and reasonable attorney fees associated therewith).
- 3. 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 at Schlumberger's office, Houston, Texas 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, including agency and attorney's fees.
- 4. 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.
- 5. 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 for purposes of La R.S. 23:1051 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1051 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1051 (A)(3). Irrespective of Customer'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.

6. Obligations of Customer

- (a) <u>Well Conditions</u>: <u>Notification of Hazardous Conditions</u>. 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 resulting from Contractor's performance of its services hereunder ("Chemicals") become the sole responsibility of Customer when such Chemicals are returned to the surface of the land or sea from below the rotary table. Customer understands and agrees that the Chemicals are the property of Customer and that Customer is the owner of the Chemicals. 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 peoplingers of any native.
- (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) <u>Fishing Operations</u>. 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.

7. Warranty for Products and Services.

- (a) Schlumberger represents and warrants that all services provided hereunder 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 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 exertheless, all such recommendations or predictions are opinions only exertheless, all such recommendations or predictions are opinions only an 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, Now Amananty is givene Concerning the Accuracy on Completences to Grant Services on other Data. The Effectiveness of Material Used, RECOMMENDATIONS GIVEN, OR RESULTS OF THE SERVICES REDGERD. SCHLUMBERGER WILL NOTE ARE REPONSIBLE 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 OR AGAINST LOSS OF ANY DIGITAL TAPES, OPTICAL LOGS OR PRINTS, OR OTHER SIMILAR PRODUCTS OR MATERIALS.
- (b) Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished hereunder shall conform to the quality and specifications represented. Schlumberger reserves the right, at its sole discretion, to use new, used or refurbished parts in the assembly of its products. 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 delivery ex Schlumberger's works, whichever occurs first. The above warranty does not apply to products that have been modified by anyone at Customer's request, supplied by Customer or purchased by Schlumberger at Customer's request, and/or that have been subjected to improper handling, storage, application, installation, operation or maintenance by anyone other than Schlumberger, and including but not limited to damage caused by aggressive fluids, lightning or improper voltage supply.
 (c) Schlumbergerer's sole liability and Customer's exclusive remedy under the foregoing warranties are expressly
- (c) Schlumberger's sole liability and Customer's exclusive remedy under the foregoing warranties are expressly limited to the repair, replacement or the refund of an equitable portion of the purchase price, at Schlumberger's sole option, of products or services which prove to be defective within the warranty period. A Customer claim 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 or returned to the original Schlumberger delivery 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, WRITTER, EXPRESS, IMPULED OR STATUTORY. IMPULED 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.

8. Title and Risk of Loss

- (a) Unless otherwise agreed between the parties, title to and risk of loss for products sold will pass to Customer ex Schlumberger's works. Customer will pay or reimburse Schlumberger for all freight, preparation, and in-transit insurance costs from the time of delivery. Customer agrees that title to and risk of loss for products will pass to and remain with Customer, even if Schlumberger agrees to store the products at a Schlumberger location until Customer requests delivery.
- (b) The time, method, place or medium of payment will not in any way limit Schlumberger's rights in and to the products until payment has been received in full. On all orders, Schlumberger shall retain a security interest in the products to the extent of any unpaid balance of the purchase price therefor, and Schlumberger may use all reasonable efforts to retain and/or obtain possession of such products until such unpaid balance has been received and accepted by Schlumberger.

INDEMNITIES

(a) Personnel and Property

- 1 SCHLUMBERGER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER GROUP AND ITS INSUBERS FROM AND AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH DAMAGE TO OR LOSS OR DESTRUCTION OF PROPERTY OF OR THE PERSONAL INJURY ILLNESS OR DEATH OF ANY MEMBER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS, AGENTS, REPRESENTATIVES OR INVITEES ARISING OUT OF OR IN CONNECTION WITH THIS CONTRACT OR THE SERVICES PROVIDED HEREUNDER.
- COUNTMACTOR SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER GROUP AND ITS INSURERS FROM AND AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH DAMAGE TO OR LOSS OR DESTRUCTION OF PROPERTY OF OR THE PERSONAL ILLUMPRY, ILLUMESS OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS, AGENTS, REPRESENTATIVES OR INVITEES ARISING OUT OF OR IN CONNECTION WITH THIS CONTRACT OR THE SERVICES PROVIDED HEREUNDER.
- SUBCONTRACTORS, AGENTS, REPRESENTATIVES OR INVITEES ARISING OUT OF OR IN COMMECTION WITH THIS CONTRACTOR THE SERVICES PROVIDED HERBEIMDER.

 (b) Special Indominity. NOTWITHSTANDING ARVYTHING TO THE CONTRARY HEREIN, CUSTOWER ASSUMES ALL LIABILITY FOR AND AGREST TO PROTECT, DEFEND, INDEMNIFY, AND HOLD SCHLUMBERGER GROUP AND ITS INSURERS HARMLESS FROM AND AGRINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION HEREWITH FOR: (1) PROPERTY DAWAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROL A WILD WELL; (II) PROPERTY DAWAGE OR LOSS THAT RESULTS FROM POLLUTION, CONTAMINATION, OR RADIATION DAWAGE, WHETHER CAUSED BY CUTOMER'S FALURE TO PROPERLY HANDLE, TRANSPORT OR DISPOSE OF ANY CHEMICALS AS REQUIRED BY PARAGRAPH 6.(b) HEREOF OR OTHERWISE, INCLUDING CONTAINIMENT, CLEAN-UP AND REMEDIATION OF THE POLLUTANT AND CONTAINIMENTON, WHETHER OR NOT REQUIRED BY AN APPLICABLE FEDERAL, STATE OR LOCAL LAW OR REGULATION; (III) PROPERTY DAWAGE OR LOSS THAT RESULTS FROM RESERVOIR OR UNDERGROUND DAWAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERS LUSSTANCES, OR WATER OR THE WELL BORE ITSELF, AND SURFACE DAWAGE ARISING FROM SUBSURFACE OR SUBSEA DAWAGE; (IV) COST TO CONTROL A WILD WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REDRILLING OR REVORKING AND RELATED CLEAN UP COSTS; (V) DAWAGE TO PROPERTY OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER, AND/OR WELL OWNER, IF DIFFERENT FROM CUSTOMER (THE TERM "WELL DAWNER" SHALL INCLUDE WORKING AND ROYALTY INTEREST OWNERS OR THE OWNER OF ANY ORLINOR RICH PLATFORM OR OTHER STRUCTURE AT THE WELL STITE; (VI) SUBSURFACE TRESPASS; OR (VII) LOSS OF OR DAWAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO RECEVER, REPAIR AND REPLACEMENT EXPENSES, WHEN SUCH LOSS OR DAMAGE OCCURS: (a) IN THE HOLE OR BELOW THE ROTARY TABLE, (b) WHILE BIND THAT SHALL ON THE WIEL STEED AS A RESULT OF THE INFERIOR CONDITION OF IRARS ROADS OR THE SITE, OR (WINDSERGER EMPLOYEE, WHETHER IN AN EMERGENCY OR OTHERWISE
- OR DAMAGE

 (C) <u>Application of Indemnities.</u> The assumption of Liability and Indemnities in Paragraphs (a) and (b) above shall apply to any loss, damage, expense, injury, Illness, death or claim arising out of or in commection with this contract or the services provided hereunder, without regard to the cause(s) thereof including, without limitation, unseaworthiness, strict Liability, ultrahazardous activity, beeach 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 contract, or the solt, joint, concurrent or gross, active or passive, medicidence or other fault of the indemnite or its contractors or subcontractors or its or their employees, agents, representatives or invites.

 (d) Anti-Indemnity and Injurance Savings Clause. If any defense indemnity or insurance acquiring contractions.
- (d) <u>Anti-Indemnity and Insurance Savings Clause</u>, 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.
- 10. 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, regardless of the sole, joint or concurrent, active or passive, negligence or other fault of schlumberger.
- Insurance. Each party, as indemnitor, agrees to support the indemnity obligations it assumes under Paragraph 9, 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 hereunder, such insurance shall waive subrogation against the indemnified Group and its insurers and name the indemnified 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.
- 12. Limitation of Liability. Notwithstanding anything to the contrary herein, except as provided under Paragraph 9. (a) 1., Schlumberger's liability arising from or in connection with this Contract (whether for indemnity, breach of contract, negligence, misrepresentation, or otherwise) shall not in any circumstances exceed the full value of the consideration owed to Schlumberger under this Contract.
- 13. Employee Solicitation. Except with the prior written consent of Schlumberger, Customer shall not directly, indirectly or through third parties solicit, recruit or induce any Schlumberger employee, consultant or representative to leave, terminate or otherwise end his/her association with Schlumberger in order to become an employee, consultant or representative of Customer until at least one (1) year has elapsed from Customer's receipt of the final invoice for the services.
- 14. 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. If services are performed or equipment or products furnished offshore or on navigable water, Federal Maritime laws shall govern this Contract: if performed or furnished in Texas, Louisiana, New Mexico or Wyoning, the laws of Texas shall apply; otherwise the laws of the state where the services are performed or equipment or products are furnished shall apply. 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.

NO FIELD EMPLOYEE OF SCHLUMBERGER IS AUTHORIZED OR EMPOWERED TO ALTER THESE GENERAL TERMS AND CONDITIONS.

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THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEWMITY AND CHOICE OF LAW 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. Definitions.

- Schlumberger Schlumberger Technology Corporation, a Texas corporation.
- b. Customer the person, firm or other entity to which equipment and/or services are supplied or provided.
- c. Group Either Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors and employees.
- d. Claims Damage, loss, liability, claims, demands and causes of action of every kind and character (including all costs and expenses thereof and reasonable attorney fees associated therewith).
- 3. 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 at Schlumberger's office, Houston, Taxas 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, including agency and attorney's fees.
- 4. 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.
- 5. 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 sorvices for purposes of La R.S. 23:1051 (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. 23:1061 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1051 (CI) 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.

6. Obligations of Customer

- (a) <u>Well Conditions</u>: <u>Notification of Hazardous Conditions</u>. Customer, having custody and control of the well and superior knowledge of the conditions in and surrounding it, shall provide Schlumberger with all needs 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) <u>Chemicals</u>. The handling and disposal of any chemical, waste or by-product used or resulting from Contractor's performance of its services hereunder ("Chemicals") become the sole responsibility of Customer when such Chemicals are returned to the surface of the land or sea from below the rotary table. Customer understands and agrees that the Chemicals are the property of Customer and that Customer is the owner of the Chemicals. 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 perliancers of any narty.
- (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 compty with all applicable laws and regulations, including the isolation and marking of the location of the source.
- (d) <u>Fishing Operations</u>. 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.

7. Warranty for Products and Services.

- (a) Schlumberger represents and warrants that all services provided hereunder shall be performed in a good and workmanilike 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, Now Markantry Is Given Conferent free Accuracy or Completeness of Log. Test OR OTHER DATA, THE EFFECTIVENESS OF MATERIAL USED, RECOMMENDATIONS GIVEN, OR RESULTS OF THE SERVICES RENOERD. Schlumbergers will not not be responsible for a Accidental on internional interception of the TAMPERING WITH DATA BY OTHERS, NOR DOES SCHLUMBERGER SURANANTE LESS OR THE SERVICES OR THE STORAGE OR THE LENGTH OF TIME OF STORAGE OR AGAINST LOSS OF ANY DIGITAL TAPES, OPTICAL LOGS OR PRINTS, OR OTHER SIMILAR PRODUCTS OR MARREIALS.
- (b) Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished hereunder shall conform to the quality and specifications represented. Schlumberger reserves the right, at its sole discretion, to use new, used or refurbished parts in the assembly of its products. 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 delivery ex Schlumberger's works, whichever occurs first. The above warranty does not apply to products that have been modified by anyone at Customer's request, supplied by Customer or purchased by Schlumberger at Customer's request, and/or that have been subjected to improper handling, storage, application, installation, operation or maintenance by anyone other than Schlumberger, and including but not limited to damage caused by aggressive fluids, lightning or improper voltage supply.
- (c) Schlumberger's sole liability and Customer's exclusive remedy under the foregoing warranties are expressly limited to the repair, replacement or the refund of an equitable portion of the purchase price, at Schlumberger's sole option, of products or services which prove to be defective within the warranty period. A Customer claim 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 or returned to the original Schlumberger delivery 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, WRITTER, EXPRESS, IMPULED OR STATUTORY. IMPULED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY SHALL NOT APPLY. SCHLUMBERGER'S WARRANTY OBLIGATIONS AND CUSTOMER'S REMEDIES THEREUNDER IEXCEPT AS TO TITLE) ARE SOLLELY AND EXCLUSIVELY AS STATED HEREIN.

R. Title and Risk of Loss

- (a) Unless otherwise agreed between the parties, title to and risk of loss for products sold will pass to Customer ex Schlumberger's works. Customer will pay or reimburse Schlumberger for all freight, preparation, and in-transit insurance costs from the time of delivery. Customer agrees that title to and risk of loss for products will pass to and remain with Customer, even if Schlumberger agrees to store the products at a Schlumberger location until Customer requests delivery.
- (b) The time, method, place or medium of payment will not in any way limit Schlumberger's rights in and to the products until payment has been received in full. On all orders, Schlumberger shall retain a security interest in the products to the extent of any unpaid balance of the purchase price therefor, and Schlumberger may use all reasonable efforts to retain and/or obtain possession of such products until such unpaid balance has been received and accepted by Schlumberger.

INDEMNITIES

(a) Personnel and Property

- PGESOINGE JOIL PROPERTY

 1. SCHLUMBERGER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD
 HARMLESS CUSTOMER GROUP AND ITS INSURERS FROM AND AGAINST ALL CLAIMS ARISING OUT OF OR IN
 CONNECTION WITH DAMAGE TO OR LOSS OR DESTRUCTION OF PROPERTY OF OR THE PERSONAL INJURY, ILLNESS
 OR DEATH OF ANY MEMBER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS, AGENTS, REPRESENTATIVES
 OR INVITEES ARISING OUT OF OR IN CONNECTION WITH THIS CONTRACT OR THE SERVICES PROVIDED
 HEREUNDER.
- REMOVED.

 C. CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER GROUP AND ITS INSUBERS FROM AND AGAINST ALL CLAIMS ARISING OUT OF OR IN COMMECTION WITH DAWAGE TO OR LOSS OR DESTRUCTION OF PROPERTY OF OR THE PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS, AGENTS, REPRESENTATIVES OR INVITEES ARISING OUT OF OR IN COMMECTION WITH THIS CONTRACT OR THE SERVICES PROVIDED HEREUNDER.
- SUBCONTRACTORS, AGENTS, REPRESENTATIVES OR INVITEES ARISING OUT OF OR IN CONNECTION WITH THIS CONTRACT OR THE SERVICES PROVIDED HEREUNDER.

 (b) Special Indemnity. NOTWITHSTANDING ANYTHING TO THE CONTRARY HEREIN, CUSTOMER ASSUMES ALL LIABILITY FOR AND AGREES TO PROTECT, DEFEND, INDEMNITY, AND HOLD SCHLUMBERGER GROUP AND ITS INSURERS HARMIESS FROM AND AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION HEREWITH 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 CUTOMER'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 CONTRAINMENT, CLEAN-UP AND REMEDIATION OF THE POLLUTANT AND CONTRAINMENT, CLEAN-UP AND REMEDIATION OF THE POLLUTANT AND CONTRAINMENT, CLEAN-UP AND REMEDIATION OF WATER OR THE WELL BORE ITSELF, AND SURFACE DAMAGE ARISING FROM SUBSURFACE OR SUBSEAD ADMAGE, (IV) COST TO CORTROL A WILD WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REDRILLING OR REWORKING AND RELATED CLEAN UP COSTS; (V) DAMAGE TO PROPERTY OWNER DE, 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 ORLILING RIG, PLATFORM OR OTHER STRUCTURE AT THE WELL SITE; (VI) SUBSURFACE TRESPASS; OR (VII) LOSS OF OR DAMAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, INCLUDING BUT MOT LIMITED TO, RECOVERY, REPAIR AND APPLICABLE AT THE WELL SITE; (VI) SUBSURFACE TRESPASS; (VII) INTENDED BY CUSTOMER, (VI) SOND ON THE OWNER OF ANY ORLING RIGH PLATFORM OR OTHER STRUCTURE AT THE WELL SITE; (VI) SUBSURFACE TRESPASS; (VIII) LOSS OF OR DAMAGE TO THE NOTARY TABLE, (b) WHILE INTERNIST OR BEING MOVED ON ANY FORM OF TRANSPORTATION OWNERD OR FURNISHED BY CUSTOMER. (
- OR DAMAGE

 (c) <u>Application of Indemnities.</u> The assumption of Liability and Indemnities in Paragraphs (a) and (b) above shall apply to any loss, damage, expense, injury, Illness, death or claim arising out of or in commection with this contract or the services provided hereunder, without regard to the cause(s) thereof including, without institution, unscandenthiness, strict liability, ultralazabous activity, breach of express or implied warranty, imperfection of material, defect or failure of four-ment, defect or their condition of premises, including any conditions that pre-exist the execution of this contract, or the sole, joint, concurrent or gross, active or passive, medicience or other fault of the indemnite or its contractors or subcontractors or its or their employees, agents, representatives or invites.
- (d) 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.
- 10. 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, regardless of the sole, joint or concurrent, active or passive, negligence or other fault of schlumberger.
- 11. Insurance. Each party, as indemnitor, agrees to support the indemnity obligations it assumes under Paragraph 9, 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 hereunder, such insurance shall waive subrogation against the indemnified Group and its insurers and name the indemnified 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.
- 12. Limitation of Liability. Notwithstanding anything to the contrary herein, except as provided under Paragraph 9. (a) 1., Schlumberger's liability arising from or in connection with this Contract (whether for indemnity, breach of contract, negligence, misrepresentation, or otherwise) shall not in any circumstances exceed the full value of the consideration owed to Schlumberger under this Contract.
- 13. Employee Solicitation. Except with the prior written consent of Schlumberger, Customer shall not directly, indirectly or through third parties solicit, recruit or induce any Schlumberger employee, consultant or representative to leave, terminate or otherwise end his/her association with Schlumberger in order to become an employee, consultant or representative of Customer until at least one (1) year has elapsed from Customer's receipt of the final invoice for the services.
- 14. Wiscellaneous. Schlumberger shall not be liable for any delay or non-performance due to governmental regulation, labor disputes, hostila action, weather, fire, acts of God or any other causes beyond the reasonable control of Schlumberger. If services are performed or equipment or products furnished offshore or on navigable water, Federal Maritime laws shall govern this Contract: if performed or furnished in Texas, Louisiana. New Mexico or Wyoming, the laws of Texas shall apply: otherwise the laws of the state where the services are performed or equipment or products are furnished shall apply. 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.

NO FIELD EMPLOYEE OF SCHLUMBERGER IS AUTHORIZED OR EMPOWERED TO ALTER THESE GENERAL TERMS AND CONDITIONS.

Well	LODFELTE	ER B #2	Field	SKI SOUTHE			Customer OXY RES	OURCE CALIFO	ORNIA LLC	Job Number 2205551201
Date	Time	Treating	Flow Rate	Density	Yolume 🕽	0	0	0		Message
		Pressure			20.					_
	24 hr clock	psi	bbi/min	ib/gai	bbl	0	0	0		
0902-Nov-17	0:00	0	0	0	0	0	0	0		
0903-Nov-17	0:00	0	0 🚕	0	0	0.567	0	0	 	
0904-Nov-17	0:00	0	0:50	0	0	0	0	0 .	<u> </u>	
0905-Nov-17	0:00	0 34		0	0.5%	N	0	0		, n.5
0906-Nov-17	0:00	0.3	0	0	70	0	0	0		* *
0907-Nov-17	0:00	0	0	0	0	0	0	0		<u> </u>
0907-Nov-17	0:00	0	0	0	0	0	0	0	 	
0909-Nov-17	0:00	0	0	0	0	0	0	0		
	0:00	0		0	0		0	0	1 3	
0910-Nov-17		<u> </u>	0.55			< 0		 		· · · · · · · · · · · · · · · · · · ·
0911-Nov-17	0:00		. 0	0	0		0	0	 	\$19
0912-Nov-17	0:00	0)		0	(:0,1	0	0	0	1	
0913-Nov-17	0:00	0	0	0	0	0	0	0	<u> </u>	
0914-Nov-17	0:00	0	0	0	0	0	0	0	 	·
0915-Nov-17	0:00	0	0	0	0	0	0	0		
0916-Nov-17	0:00	0	0 %	0	0	0.	0	0	, X	
0917-Nov-17	0:00		· 01/5,	0	0	0	0	0	** / ***	
0918-Nov-17	0:00	0.44	· 0	0	0 🕶	0	0	0		
0919-Nov-17	0:00	0	0	0	, O	. 0	0	0		
0920-Nov-17	0:00	0	0	0	0	0	0	0		MOO
0921-Nov-17	0:00	0	0	0	0	0	0	0		NOU
0922-Nov-17	0:00	0	0 📆	0	0	0	0	0		OCT 2 5 2000
0923-Nov-17	0:00	0	120 C	0	0	0	0	0 -		UC1 - J 2001
0924-Nov-17	0:00	0 : \	F. 5 0	0	0 \ \	0	0	0	C	MEIDENTI
0925-Nov-17	0:00	0.3	0	0	0	0	0	, 0		- IVI IL/LIVI
0926-Nov-17	0:00	0	0	0	0	0	0	0		
0927-Nov-17	0:00	0	0	0	0	0	0	0		
0928-Nov-17	0:00	0	0 ,	0	0	0	0	0	<u> </u>	
0929-Nov-17	0:00	0	. 05 (\$)	0	0	0 **	0	0 .	<u> </u>	
0930-Nov-17	0:00		0	0	0	0	0	0		
0931-Nov-17	0:00	0 %	0	0	0	0	0	0	1	
0932-Nov-17	0:00	0	0	0	0	0	0	0	<u> </u>	· · · · · · · · · · · · · · · · · · ·
0933-Nov-17		0	0	0	0	0	0	0		
0934-Nov-17		0	0	0	0	0	0	0	—	
0935-Nov-17	0:00	0	0 %	0	0	0	0	0		
0936-Nov-17		0 .	0	0	0	0	0	0		
0937-Nov-17	0:00	0 1.5	0	0	· 0	0	0	0		
0938-Nov-17	0:00	0	0	0	0	0	0	0		
0939-Nov-17	0:00	0	0	0	0	0	0	0	 	
0940-Nov-17	0:00	0	0	0	0	0	0	0	 	
0941-Nov-17	 	0	0	0	0	0	0	0	 	
0942-Nov-17		0	.0:\	0	0	0	0	0 1	-	
2006-Jun-30	19:38		-* 0.0	8.26	0.0		0	0	 `	
2006-Jun-30	19:40	40	2.7	8.09	1.2	0	0	0		
2006-Jun-30	19:42	109	5.6	8.24	3.3	0	0	0	 	
	19:42	118	5.6	8.25	10.6	0	0	0	 	
2006-Jun-30	+	110	5.0	0.23	0.01				WATER AF	IEAD
2006-Jun-30	19:43	422		0.00	446	0	+		VVAIERAF	IEAU
2006-Jun-30	19:44	123	, 5.6	8.26	14.6		0	0.	m	
2006-Jun-30		228 , %		12.38	25.8	0	0	0	pump lead o	ement
2006-Jun-30		182	5.6	12.11	37.0*	0	0	0	_	
2006-Jun-30		191	5.6	12.45	48.3	0	0	0		
2006-Jun-30		100	5.6	12.30	59.5	0	0	0	ļ 	RECEIVE
	19:54	100	5.6	12.34	70.8	0	0	0	}	・ハークトリケト
2006-Jun-30 2006-Jun-30	+	118	5.6	12.25	82.0	0	0	0	1.70	

THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEMNITY AND CHOICE OF LAW 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.

Definitions

- 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 Fither Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors and employees.
- Claims Damage, loss, liability, claims, demands and causes of action of every kind and character (including all costs and expenses thereof and reasonable attorney fees associated therewith)
- 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 at Schlumberger's office, Houston, Texas 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, including agency and attorney's fees.
- 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 sorvices for purposes of La R.S. 23:1051 (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 hazardous or unusual conditions exist. Customer shall notify Schlumberger in advance and make special arrangements for servicing such
- (b) <u>Chemicals</u>. The handling and disposal of any chemical, waste or by-product used or resulting from Contractor's performance of its services hereunder ("Chemicals") become the sole responsibility of Customer when such Chemicals are returned to the surface of the land or sea from below the rotary table. Customer understands and agrees that the Chemicals are the property of Customer and that Customer is the owner of the Chemicals. 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
- (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 provided hereunder 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 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 SETVICES INITIATING OF OTHERS, NO WARRARMY IT SHOWN CONCERNING THE ACCUMENTATION COUNTELETENESS OF LOST, FOR OTHER DAYS, THE EFFECTIVENESS OF RANTERIAL USED, RECOMMENDATIONS GIVEN, OR RESULTS OT THE SERVICES RENDERED. SCHLUMBERGER WILL NOT BE RESPONSIBLE FOR ACCIDENTAL OR INTENTIONAL INTERCEPTION OF TRAMPENING WITH DATA BY OTHERS, NOD BOS SCHLUMBERGER GUARANTEE THE SAFE STORAGE OR THE LENGTH OF TIME OF STORAGE OR AGAINST LOSS OF ANY DIGITAL TAPES, OPTICAL LOGS OR PRINTS, OR OTHER SIMILAR PRODUCTS
- (b) Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished hereunder shall conform to the quality and specifications represented. Schlumberger reserves the right, at its sole discretion, to use new, used or refurbished parts in the assembly of its products. 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 delivery ex Schlumberger's works, whichever occurs first. The above warranty does not apply to products that have been modified by anyone at Customer's request, supplied by Customer or purchased by Schlumberger at Customer's request, and/or that have been subjected to improper handling, storage, application, installation, operation or maintenance by anyone other than Schlumberger, and
- including but not limited to damage caused by aggressive fluids, lightning or improper voltage supply.

 (c) Schlumberger's sole liability and Customer's exclusive remedy under the foregoing warranties are expressly limited to the repair, replacement or the refund of an equitable portion of the purchase price, at Schlumberger's sole option, of products or services which prove to be defective within the warranty period. A Customer claim 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 or returned to the original Schlumberger delivery 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, IMPULED OR STATUTORY. IMPULED 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 SOLLELY AND EXCLUSIVELY AS STATED HEREIN.

Title and Risk of Loss

- (a) Unless otherwise agreed between the parties, title to and risk of loss for products sold will pass to Customer ex Schlumberger's works. Customer will pay or reimburse Schlumberger for all freight, preparation, and in-transit insurance costs from the time of delivery. Customer agrees that title to and risk of loss for products will pass to and remain with Customer, even if Schlumberger agrees to store the products at a Schlumberger location until
- (b) The time, method, place or medium of payment will not in any way limit Schlumberger's rights in and to the products until payment has been received in full. On all orders, Schlumberger shall retain a security interest in the products to the extent of any unpaid balance of the purchase price therefor, and Schlumberger may use all reasonable efforts to retain and/or obtain possession of such products until such unpaid balance has been received and accepted by Schlumberger.

INDEMNITIES

- Personnel and Property
 SCHLUMBERGER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER GROUP AND ITS INSURERS FROM AND AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH DAMAGE TO OR LOSS OR DESTRUCTION OF PROPERTY OF OR THE PERSONAL INJURY, ILLURESS OR DEATH OF ANY MEMBER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS, AGENTS, REPRESENTATIVES OR INVITEES ARISING OUT OF OR IN CONNECTION WITH THIS CONTRACT OR THE SERVICES PROVIDED. HEREUNDER
 - CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, IMDEMNIFY AND HOLD HARMLESS SCHLUMBERGER GROUP AND ITS INSURERS FROM AND AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH DAMAGE TO OR LOSS OR DESTRUCTION OF PROPERTY OF OR THE PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS, AGENTS, REPRESENTATIVES OR INVITEES ARISING OUT OF OR IN CONNECTION WITH THIS CONTRACT OR THE SERVICES PROVIDED HEREUNDER.
- SUBCONTRACTOR'S, AGENTS, REPRESENTATIVES OR INVITEES ARISING OUT OF OR IN CONNECTION WITH THIS CONTRACT OR THE SERVICES PROVIDED HEREUNDER.

 (b) Special Indominity, NOTWITHSTANDING ANYTHING TO THE CONTRARY HEREIN, CUSTOWER ASSUMES ALL LIABILITY FOR AND AGREES TO PROTECT, DEFEND, INDEWNIPF, AND HOLD SCHLUMBERGER GROUP AND ITS INSURERS HARMLESS FROM AND AGENES TO PROTECT, DEFEND, INDEWNIPF, AND HOLD SCHLUMBERGER GROUP AND ITS INSURERS HARMLESS FROM AND AGENES TO PROTECTY DAMAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROLLA WILD WELL (II) PROPERTY DAMAGE OR LOSS THAT RESULTS FROM POLLUTION, CONTAMINATION, OR RADIATION DAMAGE, WHETHER CAUSED BY CUTOMER'S FAILURE TO PROPERLY HANDLE, TRANSPORT OR DISPOSE OF ANY CHEWICALS AS REQUIRED BY PARAGRAPH 6,(b) HEREOF OR OTHERWISE, INSCLUDING CONTAMINATION, WHETHER OR NOT REQUIRED BY AM APPLICABLE FEDERAL, STATE OR LOCAL LAW OR REGULATION; (III) PROPERTY DAWAGE OR LOSS THAT RESULTS FROM RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES, OR WATER OR THE WIELL BORE ITSELF, AND SURFACE DAMAGE ARISING FROM SUBSURFACE OR SUBSEA DAMAGE; (IV) COST TO CONTROL A WILD WILL UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REDRILLING OR REVORRING AND RELATED CLEAN UP COSTS, (Y) DAMAGE TO PROPERTY OMDER, (INCLUDING ANY REDRILLING OR REVORRING AND RELATED CLEAN UP COSTS, (Y) DAMAGE TO PROPERTY OMDER OF, IN THE PORTER OF COMERN OF THE STRUCTURE AT THE WELL SITE); (VI) SUBSURFACE TRESPASS; OR (VII) 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 COLORS; (I) IN THE HOLD OR BELLOW THE ROTARY TABLE, (b) WHILE IN TRANSIT OR BEING MOVED ON ANY FORM OF TRANSPORTATION OR THE ROTARY TABLE, (b) WHILE INTRANSIT OR BEING MOVED ON ANY FORM OF TRANSPORTATION OR PRESENT, (A) A RESULT OF INPROPERTY, EQUIPMENT, MATERIALS OR PRODUCTS, WHETERED TO AN ARESULT OF THE INFERIOR CONDITION (a) ABOVE. THE PROPERTY, EUUPPMENT, MATERIALS AND PRODUCTS WILL BE VALUED AT THEIR RESPECTIVE LANDED
 REPLACEMENT COST AND 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) <u>Application of Indemnities</u>. The assumption of Liability and Indemnities in Paragraphs (a) and (b) above shall apply to any loss, damage, expense, injury, Illness, death or claim arising out of or in ABOVE STARLE AFFLY TO ANY LUSS, DANIANE, EAFFUNE, INJUNY, ILLUESS, DEATH OR CLAIM ARISING OUT OF OR CONNECTION WITH THIS CONTRACT OR THE ESTEVICES PROVIDED HEREUNDER, WITHOUT REGARD TO THE CAUSE(S) THEREOF INCLUDING, WITHOUT LIMITATION, UNSEAWORTHINESS, STRICT LIABILITY, ULTRAHAZABOUS ACTIVITY. BREACH OF EXPRESS OR IMPULED 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 DEFECT ON A DIM ON OTHER COUNTION OF PARENTS, INCLUDING A NOT COUNTING THAT PARENTS THE EXECUTION OF THIS CONTRACT, OR THE SOLE, JOINT, CONCURRENT OR GROSS, ACTIVE OR PASSIVE, NEGLIGENCE OR OTHER FAULT OF THE INDEMNITEE OR ITS CONTRACTORS OR SUBCONTRACTORS OR ITS OR THEIR EMPLOYEES, AGENTS, REPRESENTATIVES OR INVITEES.
- (d) 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 use, loss of production or loss of first force, regardless of the sole, joint or concurrent, active or passive, negligence or other fault of schlumberger.
- Insurance. Each party, as indemnitor, agrees to support the indemnity obligations it assumes under Paragraph 9, 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 hereunder, such insurance shall waive subrogation against the indemnified Group and its insurers and name the indemnified 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. Notwithstanding anything to the contrary herein, except as provided under Paragraph 9. (a) 1., Schlumberger's liability arising from or in connection with this Contract (whether for indemnity, breach of contract, negligence, misrepresentation, or otherwise) shall not in any circumstances exceed the full value of the consideration owed to Schlumberger under this Contract.
- Employee Solicitation. Except with the prior written consent of Schlumberger, Customer shall not directly, indirectly or through third parties solicit, recruit or induce any Schlumberger employee, consultant or representative to leave, terminate or otherwise end his/her association with Schlumberger in order to become an employee, consultant or representative of Customer until at least one (1) year has elapsed from Customer's receipt of the final invoice for
- 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. If services are performed or equipment or products furnished offshore or on navigable water, Federal Maritime laws shall govern this Contract; if performed or furnished in Texas, Louisiana, New Mexico or Wyoming, the laws of Texas shall apply, otherwise the laws of the state where the services are performed or equipment or products are furnished shall apply. 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.

NO FIELD EMPLOYEE OF SCHLUMBERGER IS AUTHORIZED OR EMPOWERED TO ALTER THESE GENERAL TERMS AND CONDITIONS.

	Well S	ODFELTE	R B#2	Field	SKI SOUTHE	Service 061	81-yun-30	Customer OXY RES	OURCE CALIFO	DRNIA LLC	Job Number 2205551201
	Date	Time	Treating Pressure	Flow Rate	Density	Volumet))) O	0	0		Message
		24 hr	Pressure			21m.					
		clock	psi	bbi/min	lb/gal	bbl	0	0	0		
Ī	2006-Jun-30	19:58	155	5.6	12.46	93.2	0	0	0	***************************************	
Ì	2006-Jun-30	20:00	150	5.6	12.63	104.5	0	0	0		<u> </u>
ı	2006-Jun-30	20:02	127	. 5.6 ⊹ે	12.33	115.7	- O _x	0	0	.9.4	ý
	2006-Jun-30	20:04	118		12.08	127.0	- 0	0	0 .	-	
∦	2006-Jun-30	20:06	182	5.6	12.10	138.2	0	0	0		
ŀ	2006-Jun-30	20:08	155	5.6	12.63	149.5	0	0	0		
ŀ	2006-Jun-30	20:10	155	5.6	12.51	160.7	0	0	0		
ł	2006-Jun-30	20:12	164	5.6	12.63	172.0	0	0	0		·····
ŀ	2006-Jun-30	20:14	191	5.6	12.60	183.2	.0 -	0	0		
ŀ	2006-Jun-30	20:16	95	∠ 5.6 ×	12.69	194.4	0	0	0		
4	2006-Jun-30	20:18	127	> 5.6 ○ 5.6	12.66	205.7	0	0	0		
ŀ	2006-Jun-30	20:20	187	5.6	12.52	216.9	0	0	0	 	
ŀ							0	 		 	
-	2006-Jun-30	20:22	123	5.6	11.76	228.2		0	0		
ŀ	2006-Jun-30	20:24	178	5.6	12.51	239.4	0	0	0	ļ	
-	2006-Jun-30	20:26	95	5.6 .€	12.32	250.6	0 }	0	0		- KCC
-	2006-Jun-30	20:28	146	₹ 5.6	12.31	261.9	. 0	0	0	***	
	2006-Jun-30	20:30	200		12.58	273.1	. 0	0	0		OCT 2 5 2006
Ļ	2006-Jun-30	20:32	178	5.6	12.49	284.4	0	0	, 0		1
L	2006-Jun-30	20:34	223	5.6	12.56	295.6	0	0	0		CONFIDENT
Ļ	2006-Jun-30	20:36	219	5.6	12.64	306.9	0	0	0		
L	2006-Jun-30	20:38	196	5.6	12.69	318.1	0	0	0		
	2006-Jun-30	20:40	237	, 5.6 🔑	12.28	329.4	0	0	0),C_3	
	2006-Jun-30	20:42	242 🗼	<i>∰</i> ,5.6	12.40	340.6	<u>)</u> 0	0	0	F 1	
4	2006-Jun-30	20:44	173 🦈	5.6	11.92	351.8	0	0	. 0		
ľ	2006-Jun-30	20:44	182	4.6	11.67	354.5	0	0	0		
	2006-Jun-30	20:44								Reset Total	, Vol = 354.52 bbl
Γ	2006-Jun-30	20:46	141	4.6	14.93	6.9	0	0	0	pump tail ce	ement
Γ	2006-Jun-30	20:48	182	4.6	15.01	17.6	0	0	0		
Ţ	.2006-Jun-30	20:50	242	₹ 5.6	15.14	28.0	0	0	0	-,	
. [2006-Jun-30	20:52	251	² * 5.7	15.15	39.3	0	0	0		
ı	2006-Jun-30	20:54	27	0.0	1.75	47.1	0	0	0		
T	2006-Jun-30	20:55						<u> </u>		Reset Total	, Vol = 47.15 bbl
ľ	2006-Jun-30	20:55	22	0.0	0.88	47.1	0	0	0		
ļ	2006-Jun-30	20:55	22	0.0 ~	0.87	0.0	0 ,	0	0	,	
t	2006-Jun-30	20:55		1,114						DISPLACE	
1	2006-Jun-30	20:56	100	5.7	8.57	1.5	0	0	10		
ŀ	2006-Jun-30	20:58	114	5.6	8.20	12.7	0	0	0		.
t	2006-Jun-30	21:00	136	5.6	8.22	24.0	0	0	0		
t	2006-Jun-30	21:02	191	5.7	8.22	35.2	0	0	0	<u> </u>	
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THE FOLLOWING GENERAL TERMS AND CONDITIONS OF THIS CONTRACT CONTAIN INDEMNITY AND CHOICE OF LAW 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. Definitions

- a. Schlumberger Schlumberger Technology Corporation, a Texas corporation.
- b. Customer the person, firm or other entity to which equipment and/or services are supplied or provided
- c. Group Either Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors and employees.
- d. Claims Damage, loss, liability, claims, demands and causes of action of every kind and character (including all costs and expenses thereof and reasonable attorney fees associated therewith).
- 3. 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 at Schlumberger's office, Houston, Texas 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, including agency and attorney's fees.
- 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.
- 5. 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. 23:1051 (A)(1). Furthermore, Customer and Schlumberger agree that Customer is the statutory employer of Schlumberger's employees for purposes of La R.S. 23:1051 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1051 (A)(3). Irrespective of Customer's status as the statutory employer or special employer (as defined in La R.S. 23:1051 (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.

6. Obligations of Customer

- (a) <u>Well Conditions</u>: <u>Notification of Hazardous Conditions</u>. 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 resulting from Contractor's performance of its services hereunder ("Chemicals") become the sole responsibility of Customer when such Chemicals are returned to the surface of the land or sea from below the rotary table. Customer understands and agrees that the Chemicals are the property of Customer and that Customer is the owner of the Chemicals. 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 profilescent of any early.
- (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.

7. Warranty for Products and Services.

- (a) Schlumberger represents and warrants that all services provided hereunder 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 henefit 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 prediction greatly. 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 funcished by others, No warranarty 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 Accuracy or Rendered Schlumberger will not be responsible for Accuracy or Resource and the Concerning of the Concerning of
- (b) Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished hereunder shall conform to the quality and specifications represented. Schlumberger reserves the right, at its sole discretion, to use new, used or refurbished parts in the assembly of its products. 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 delivery ex Schlumberger's works, whichever occurs first. The above warranty does not apply to products that have been modified by anyone at Customer's request, supplied by Customer or purchased by Schlumberger at Customer's request, and/or that have been subjected to improper handling, storage, application, installation, operation or maintenance by anyone other than Schlumberger, and including but not limited to damage caused by aggressive fluids, lightning or improper voltage supply.
- (c) Schlumberger's sole liability and Customer's exclusive remedy under the foregoing warranties are expressly limited to the repair, replacement or the refund of an equitable portion of the purchase price, at Schlumberger's sole option, of products or services which prove to be defective within the warranty period. A Customer claim 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 or returned to the original Schlumberger delivery 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 WRITTER, EXPRESS, IMPULED OR STATUTORY. IMPULED 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.

R Title and Risk of Loss

- (a) Unless otherwise agreed between the parties, title to and risk of loss for products sold will pass to Customer ex Schlumberger's works. Customer will pay or reimburse Schlumberger for all freight, preparation, and in-transit insurance costs from the time of delivery. Customer agrees that title to and risk of loss for products will pass to and remain with Customer, even if Schlumberger agrees to store the products at a Schlumberger location until Customer requests delivery.
- (b) The time, method, place or medium of payment will not in any way limit Schlumberger's rights in and to the products until payment has been received in full. On all orders, Schlumberger shall retain a security interest in the products to the extent of any unpaid balance of the purchase price therefor, and Schlumberger may use all reasonable efforts to retain and/or obtain possession of such products until such unpaid balance has been received and accepted by Schlumberger.

. INDEMNITIES

(a) Personnel and Property

- PERSONNEL BIOL PROPERTY

 1. SCHILUMBERGER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD
 HARROLESS CUSTOMER GROUP AND ITS INSURERS FROM AND AGAINST ALL CLAIMS ARISING OUT OF OR IN
 CONNECTION WITH DAWAGE TO OR LOSS OR DESTRUCTION OF PROPERTY OF OR THE PERSONAL INJURY, ILLNESS
 OR DEATH OF ANY MEMBER OF SCHILUMBERGER GROUP OR ITS SUBCONTRACTORS, AGENTS, REPRESENTATIVES
 OR INVITEES ARISING OUT OF OR IN CONNECTION WITH THIS CONTRACT OR THE SERVICES PROVIDED
 HEREUNDER.
- 2. CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER GROUP AND ITS INSURERS FROM AND AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH DAMAGET OR DICS OR DESTRUCTION OF PROPERTY OF OR THE PERSONAL INJURY ILLIBESS OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAN SCHLUMBERGER) AND SUBCONTRACTORS, AGENTS, REPRESENTATIVES OR INVITEES ARISING OUT OF OR IN CONNECTION WITH THIS CONTRACT OR THE SERVICES PROVIDED HEREWADER.
- CONTRACT OR THE SERVICES PROVIDED HEREUNDER.

 (b) Special Indemnity. Motivatificationic arthrogonal the contrary herein, customer assumes all liability for and agrees to protect, defend, indemnity, and hold schlumberger group and its insurers harmless from and agrees to protect, defend, indemnity, and hold schlumberger group and its insurers harmless from and agree ather or loss that results from blow-out, craftering, 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 cutomer's failure to property handle, transport or dispose of any chemicals as required by paragraph (i) hereof or otherwise, including contamination, whether or not required by an applicable federal state or local law or regulation; (iii) property damage for loss that results from applicable federal state or local law or regulation; (iii) property damage or loss that results from respectively or the subspace or loss that results from respectively or the subspace or loss that results from the well bore itself, and surface damage arising from subsurface or subspaces, or reworking and related clean up costs; (v) damage to property owned by, in the possession of, or reworking and related clean up costs; (v) damage to property owned by, in the possession of, or resource or subspace and related clean up costs; (v) damage to property owned by, in the possession of, or resource or subspace, and results of the structure at the well site; (vi) subsurface trespass; (vi) loss of or damage, platform or other structure at the well site; (vi) subsurface trespass; (vi) loss of or damage for coschumberger property, equipment, materials or products, including but not limited to, recovery, repair and replacement expenses, when such loss or damage occurs; (a) in the hole or below the rotata table; (vi) while being gived by or while under the custody or control of lease roads or the sympace occurs; (a) in the hole or below the rotata for the well site or o
- (c) Application of Indemnities. The assumption of Liability and Indemnities in Paragraphs (a) and (b) above shall apply to any loss, damage, expense. Injury, Illness, death or claim arising out of or in connection with this contract or the services provided hereunder, without regard to the cause(s) thereof including, without lumitation, junseaworthiness, strict liability, ultrahazardous activity, breach of express or implied warranty, imperfection of material, defect or failure of equipment, defect or "funia" or other condition of premises, including any conditions that pre-exist the execution of this contract, or the sole, joint, concurrent or gross, active or passive, negligence or other fault of the indemnite or its contractors or subcontractors or its or their employees, agents, representatives or invites.
- (d) 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.
- 10. 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 on business interruption or loss of use, loss of production or loss of rig time, regardless of the sole, joint or concurrent, active or passive, negligence or other fault of schlumberger.
- 11. Insurance. Each party, as indemnitor, agrees to support the indemnity obligations it assumes under Paragraph 9, 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 hereunder, such insurance shall waive subrogation against the indemnified Group and its insurers and name the indemnified 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.
- 12. Limitation of Liability. Notwithstanding anything to the contrary herein, except as provided under Paragraph 9. (a) 1., Schlumberger's liability arising from or in connection with this Contract (whether for indemnity, breach of contract, negligence, misrepresentation, or otherwise) shall not in any circumstances exceed the full value of the consideration owed to Schlumberger under this Contract.
- 13. Employee Solicitation. Except with the prior written consent of Schlumberger, Customer shall not directly, indirectly or through third parties solicit, recruit or induce any Schlumberger employee, consultant or representative to leave, terminate or otherwise end his/her association with Schlumberger in order to become an employee, consultant or representative of Customer until at least one (1) year has elapsed from Customer's receipt of the final invoice for the services.
- 4. 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. If services are performed or equipment or products furnished offshore or on navigable water, Federal Maritime laws shall govern this Contract; if performed or furnished in Texas, Louisiana, New Mexico or Wyoming, the laws of Texas shall apply, otherwise the laws of the state where the services are performed or equipment or products are furnished shall apply. 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.

NO FIELD EMPLOYEE OF SCHLUMBERGER IS AUTHORIZED OR EMPOWERED TO ALTER THESE GENERAL TERMS AND CONDITIONS.

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- Group Either Schlumberger or Customer and its respective parents, affiliates, subsidiaries, and each of their respective officers, directors and employees.
- Claims Damage, loss, liability, claims, demands and causes of action of every kind and character (including all costs and expenses thereof and reasonable attorney fees associated therewith)
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- (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.

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- (b) Schlumberger warrants that products (including but not limited to tools, supplies and materials) furnished hereunder shall conform to the quality and specifications represented. Schlumberger reserves the right, at its sole discretion, to use new, used or refurbished parts in the assembly of its products. 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 delivery ex Schlumberger's works, whichever occurs first. The above warranty does not apply to products that have been modified by anyone at Customer's request, supplied by Customer or purchased by Schlumberger at Customer's request, and/or that have been subjected to improper handling, storage, application, installation, operation or maintenance by anyone other than Schlumberger, and including but not limited to damage caused by aggressive fluids, lightning or improper voltage supply.
- (c) Schlumberger's sole liability and Customer's exclusive remedy under the foregoing warranties are expressly limited to the repair, replacement or the refund of an equitable portion of the purchase price, at Schlumberger's sole option, of products or services which prove to be defective within the warranty period. A Customer claim 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 or returned to the original Schlumberger delivery 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.

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Title and Risk of Loss

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- (b) The time, method, place or medium of payment will not in any way limit Schlumberger's rights in and to the products until payment has been received in full. On all orders, Schlumberger shall retain a security interest in the products to the extent of any unpaid balance of the purchase price therefor, and Schlumberger may use all reasonable efforts to retain and/or obtain possession of such products until such unpaid balance has been received and accepted by Schlumberger.

INDEMNITIES

(a) Personnel and Property

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 CONNECTION WITH DAMAGE TO OR LOSS OR DESTRUCTION OF PROPERTY OF OR THE PERSONAL INJURY, ILLINESS
 OR DEATH OF ANY MEMBER OF SCHLUMBERGER GROUP OR ITS SUBCONTRACTORS, AGENTS, REPRESENTATIVES
 OR INVITEES ARISING OUT OF OR IN CONNECTION WITH THIS CONTRACT OR THE SERVICES PROVIDED HEREUNDER
- CUSTOMER SHALL BE RESPONSIBLE FOR AND HEREBY AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS SCHLUMBERGER GROUP AND ITS INSURERS FROM AND AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION WITH DAMAGE TO OR LOSS OR DESTRUCTION OF PROPERTY OF OR THE PERSONAL INJURY, ILLNESS OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR ITS CONTRACTORS (OTHER THAM SCHLUMBERGER) AND SUBCONTRACTORS, AGENTS, REPRESENTATIVES OR IRVITEES ARISING OUT OF OR IN CONNECTION WITH THIS CONTRACT OR THE SERVICES PROVIDED HEREUNDER.
- (b) <u>Special Indemnity.</u> Notwithstanding anything to the contrary Herein, customer assumes all Liability for and agrees to protect, defend, indemnify, and hold schlumberger group and its insurers harmless from and against all claims arising out of or in connection herewith for: (i) property LIABILITY FOR AND AGREES TO PROTECT, DEFEND, INDEMNIFY, AND HOLD SCHLUMBERGER GROUP AND ITS INSURERS HARMLESS FROM AND AGAINST ALL CLAIMS ARISING OUT OF OR IN CONNECTION HEREWITH FOR IN PROPERTY DAWAGE, PERSONAL INJURY OR DEATH OR LOSS THAT RESULTS FROM BLOW-OUT, CRATERING, WILD WELL OR WORK PERFORMED TO CONTROL A WILD WELL; (III) PROPERTY DAWAGE OR LOSS THAT RESULTS FROM POLITION, CONTAININATION, OR RADIATION DAWAGE, WHETHER CAUSED BY CUTOMERS FAILURE TO PROPERLY HANDLE, TRANSPORT OR DISPOSE OF AMY CHEMICALS AS REQUIRED BY PARAGRAPH 6(b) HEREOF OR OTHERWISE, INCLUDING CONTAININATION, WHETHER OR NOT REQUIRED BY AN APPLICABLE FEDERAL, STATE OR LOCAL LAW OR REGULATION; (III) PROPERTY DAWAGE OR LOSS THAT RESULTS FROM RESERVOIR OR UNDERGROUND DAWAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES, OR WATER OR THE WELL BORE ITSELF, AND SURFACE DAWAGE ARISING FROM SUBSURFACE OR SUBSEA DAWAGE; (IV) COST TO CONTROL A WILD WELL UNDERGROUND OR ABOVE THE SURFACE, INCLUDING ANY REDRIFLING OR REWORKING AND RELATED CLEAN UP COSTS: (IV) 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 ROVALLY INTEREST OWNERS OR THE OWNER OF ARY ORILLING BREFLACEMENT EXPENSES, WILM SURE SURE VIEW OF THE SURFACE, INCLUDING ANY REDRIFLING OR REPLACEMENT EXPENSES, WILM SURE OF TRESPASS; OR (VIII) LOSS OF DAMAGE TO SCHLUMBERGER PROPERTY, CRUPMENT, WATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WHEN SUCH LOSS OR DAMAGE TO BE ROAD OR BRANGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, WATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WILM SUCH OLDS OR DAWAGE TO BE ADMAGE TO SCHLUMBERGER PROPERTY, EQUIPMENT, WATERIALS OR PRODUCTS, INCLUDING BUT NOT LIMITED TO, RECOVERY, REPAIR AND REPLACEMENT EXPENSES, WILM SUCH OLDS OR DAWAGE OR DAMAGE OR OTHER SUSTE. WILL SUCH OR DELAY THE REPROPERTY OR OTHER SUSTE. WE SUSTE OF THE FOUL OF THE WELL SITE OR OR DAMAGE
- OR DAMAGE

 (C) <u>Application of Indemnities</u>. The assumption of Liability and Indemnities in Paragraphs (a) and (b) above shall apply to any loss, damage, expense, injury, illness, death or claim arising out of or in connection with this contract or the services provided hereunder, without regard to the cause(s) thereof incliding, without lirration, unservanorthiness, strict liability, ultrahazabous 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 contract, or the sole, joint, concurrent or gross, active or passive, regularence or other fault of the indemnite or its contractors or subcontractors or its or their employees, agents. REPRESENTATIVES OR INVITEES
- (d) 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 ICTION OR LOSS OF RIG TIME, REGARDLESS OF THE SOLE, JOINT OR CONCURRENT, ACTIVE OR PASSIVE, NEGLIGENCE OR OTHER FAULT OF SCHLUMBERGER.
- Insurance. Each party, as indemnitor, agrees to support the indemnity obligations it assumes under Paragraph 9, 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 hereunder, such insurance shall waive subrogation against the indemnified Group and its insurers and name the indemnified 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. Notwithstanding anything to the contrary herein, except as provided under Paragraph 9. (a) 1., Schlumberger's liability arising from or in connection with this Contract (whether for indemnity, breach of contract, negligence, misrepresentation, or otherwise) shall not in any circumstances exceed the full value of the consideration owed to Schlumberger under this Contract.
- Employee Solicitation. Except with the prior written consent of Schlumberger, Customer shall not directly, indirectly or through third parties solicit, recruit or induce any Schlumberger employee, consultant or representative to leave, terminate or otherwise end his/her association with Schlumberger in order to become an employee, consultant or representative of Customer until at least one (1) year has elapsed from Customer's receipt of the final invoice for
- 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. If services are performed or equipment or products furnished offshore or on navigable water, Federal Maritime laws shall govern this Contract: if performed or furnished in Texas, Louisiana, New Mexico or Wyoming, the laws of Texas shall apply; otherwise the laws of the state where the services are performed or equipment or products are furnished shall apply. 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.

NO FIELD EMPLOYEE OF SCHLUMBERGER IS AUTHORIZED OR EMPOWERED TO ALTER THESE GENERAL TERMS AND CONDITIONS.

Schlumberger

Comenting Service Report

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Weli					Loca	ation (legal)				Schlumberg	er Locat	lon		Job Start
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ment Head Type ob Scheduled Fi //11/2006 Date 2006-Jul-11	20:30 Time 24 hr clock 21:19 21:20 21:21 21:21 21:22 21:22 21:23 21:23 21:24 21:25 21:25 21:26 21:27	Top Arrive 2006 Treating Pressure psl 5 5 5 5 5 5 5 5 5 64 146 2779 2678	Plugs: Single d on Location 5-Jul-11 Density Ib/gal 8.28 8.28 8.28 8.28 8.28 8.28 8.28 8.	20:30 Rea Babil 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Leav 2000 10	Plugs: re Location: 6-Jul-12 Volume bbl 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		Shoe Del Stage To Stage To Collar Ty Collar Del Stage To Collar De	pth: ool Type: ool Depth ype: spth: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6700 Auto-Fi 6613 0 0 0 0 0 0 0 0 0 0 0 0 0	ft 1	Tool Type Fool Depti Tall Pipe S Tall Pipe I Sqz Total	h: Size: Depth: Voi: Messa	in ft bbl ge
Date 2006-Jul-11	20:30 Time 24 hr clock 21:19 21:20 21:21 21:21 21:22 21:22 21:23 21:23 21:24 21:25 21:25 21:26 21:27 21:27	Top Arrive 2006 Treating Pressure psi 5 5 5 5 5 5 5 5 5 64 146 2779 2678 78	Plugs: Single d on Location 5-Jul-11 Density Ib/gal 8.28	20:30 Rea bbb// 00 00 00 00 00 00 00 00	Leav 2000 10	Plugs: re Location: 6-Jul-12 Volume bbl 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		Shoe Del Stage To Stage To Collar Ty Collar Del Stage To Collar De	pth: ool Type: ool Depth ype: spth: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6700 Comparison of the compar	ft 1	Tool Type Fool Depti Tall Pipe S Tall Pipe I Sqz Total	h: Size: Depth: Voi: Messa Test Line	in ft bbl ge
Date 2006-Jul-11 2006-Jul-11 2006-Jul-11 2006-Jul-11 2006-Jul-11 2006-Jul-11 2006-Jul-11 2006-Jul-11	20:30 Time 24 hr clock 21:19 21:20 21:21 21:21 21:22 21:22 21:23 21:23 21:24 21:25 21:25 21:26 21:27	Top Arrive 2006 Treating Pressure psl 5 5 5 5 5 5 5 5 5 64 146 2779 2678	Plugs: Single d on Location 5-Jul-11 Density Ib/gal 8.28 8.28 8.28 8.28 8.28 8.28 8.28 8.	20:30 Rea bbb// 00 00 00 00 00 00 00 00	Bottom Leav 2000	Plugs: re Location: 6-Jul-12 Volume bbl 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		Shoe Del Stage To Stage To Collar Ty Collar Del Stage To Collar De	pth: ool Type: ool Depth ype: spth: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6700 Auto-Fi 6613 0 0 0 0 0 0 0 0 0 0 0 0 0	ft 1	Tool Type Fool Depti Tall Pipe S Tall Pipe I Sqz Total	h: Size: Depth: Voi: Messa Test Line	in ft bbl ge

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Page 1 of 5 KCC WICHITA

Well			Field		s	ervice C	Date	Customer			Job Number
CL	ODFELTE	R B #2		SKI SOUTHE		06192	2-Jul-11	OXY R	ESOURCE CAL	IFORNIA LLC	2205551255
Date	Time	Treating Pressure	Density	Rate	Volun	ne	0	0	0	N	lessage
	24 hr clock	psi	lb/gal	bbl/mln	. bbl			0			e Jene
2006-Jul-11	21:29	266	8.28	4.8	2.3		0	0	0		
2006-Jul-11	21:29	256	8.30	4.8	4.8		0	0	0		
2006-Jul-11	21:30	261	8.28	4.9	7.2		0		0	<u> </u>	:
2006-Jul-11	21:30	275			-			0			
2006-Jul-11			8.30	4.9	9.6		0	0	0		
2006-Jul-11	21:31	261 270	8.28	4.9	12.0		0	0	0		
2006-Jul-11	21:32	279	8.28	4.9	14.5		0	0	0		
2006-Jul-11	21:32	284	8.28	4.9	17.0		0	0	0		
2006-Jul-11			8.28	4.9	19.4		0	0	0		-
	21:33	41	8.28	0.0	19.8	5	0	0	. 0		
2006-Jul-11	21:33							- }			Vol = 19.76 bbl
2006-Jul-11	21:33						····			RAT & MOU	SE
2006-Jul-11	21:33	27	8.28	0.0	0.0		0	0	0	ļ	* .··-
2006-Jul-11	21:33	27	8.28	0.0	0.0		0	0	0		
2006-Jul-11	21:33	23	8.41	0.0	0.0		0	0	0		*************************************
2006-Jul-11	21:34	23	10.49	0.0	0.0		0	0	0		
2006-Jul-11	21:34	23	11.95	0.0	0.0		0	0	0		
2006-Jul-11	21:35	87	13.01	0.0	0.0		0	0	0		
2006-Jul-11	21:35	64	13,51	2.5	1.0		0	0	0		***************************************
2006-Jul-11	21:36	18	13.51	2.4	2.2		0	0	0		
2006-Jul-11	21:36	78	13.50	0.0	3.2		0	0	0		
2006-Jul-11	21:37	78	13.50	0.0	3.2		0	0	0		Kon
2006-Jul-11	21:37	96	13.47	0.0	3.2		0	0	0	ļ	-,CC.
2006-Jul-11	21:38	18	8.58	0.0	4.1		0	0	0		725
2006-Jul-11	21:38	14	12.85	0.0	4.1		0	0	0	L COM	ZUDS
2006-Jul-11	21:39	9	12.82	0.0	4.1		0	0	0		IDENT.
2006-Jul-11	21:39	9	12.80	0.0	4.1		0	0	0		KCC CT 2 5 2006 FIDENTIAL
2006-Jul-11	21:40	9	12.79	0.0	4.1		0	0_	0		
2006-Jul-11	21:40	9	12.79	0.0	4.1		0	0	0		
2006-Jul-11	21:41	9	12.79	0.0	4.1		0	0	0		
2006-Jul-11	21:41	64	12.79	0.0	4.1		0	0	0		
2006-Jul-11	21:41									Reset Total,	Vol = 4 bbl
2006-Jul-11	21:41	96	12.77	3.0	0.7		0	0	0		
2006-Jul-11	21:42	101	13.10	3.0	2.2		0	0	0		
2006-Jul-11	21:42	78	12.30	0.0	2.9	-	0	0	0		
2006-Jul-11	21:43	14	8.60	0.0	2.9		0	0	0		
2006-Jul-11	21:43	14	8.57	0.0	2.9		0	0	0		
2006-Jul-11	21:44								_	Reset Total, 1	/ol = 3 bbl
2006-Jul-11	21:44	9	8.56	0.0	2.9		0	0	0		
2006-Jul-11	21:44	9	8.55	0.0	0.0		0	0	0		
2006-Jul-11	21:44	9	8.54	0.0	0.0		0	0	0		
2006-Jul-11 2006-Jul-11	21:45	9	8.53	0.0	0.0		0	0	0		
	21:45	9	8.52	0.0	0.0		0	0	0		
2006-Jul-11	21:46		0.50					· · · · - · ·		Reset Total, \	/ol = 0.00 bbi
2006-Jul-11 2006-Jul-11	21:46	9	8.52	0.0	0.0		0	0	0	04-4-5-51	-2 01
2006-Jul-11 2006-Jul-11	21:46		0.50	00	~ ~			-	-	Start Mixing T	all Slurry
2006-Jul-11 2006-Jul-11	21:46	9	8.52	0.0	0.0		0	0	0	-	
	21:46		8.47	0.0	0.0		0	0	0	-	
2006-Jul-11	21:46	14	9.41	0.0	0.0		0	0	0	<u> </u>	, ,, , , ,, ,
2006-Jul-11	21:47	64	10.99	0.0	0.0		0	0	0	ļ	
2006-Jul-11	21:47	284	12.67	4.0	1.6		0.	0	0		
2006-Jul-11	21:48	293	13.34	4.0	3.6		0	0	0		RECEIVE
2006-Jul-11	21:48	266	13.42	4.0	5.6		0	0	0	<u> </u>	RECEIVE OCT 2 8 200
2006-Jul-11	21:49	201	13.49	4.0	7.7		0	0	0		<mark>ሰቦ፣ ኃ ፍ ኃ</mark> ርር
2006-Jul-11	21:49	247	13.93	4.0	9.7		0	0	0		001 2 0 200

Well			Field			Servic	e Date	Customer			Job Number
CL	.ODFELTE	R B #2		SKI SOUTHE		06	192-Jul-11	OXY RES	OURCE CALIF	ORNIA LLC	2205551255
Date	Time	Treating Pressure	Density	Rate	Vol	ume	. 0	0	0	М	essage
	24 hr clock	psl	lb/gal	bbl/min	. t	bl	0	0	0		
2006-Jul-11	21:50	183	13.89	4.1	1	1.7	0	0	0	1	·
2006-Jul-11	21:50	179	13.76	4.0	1	3.7	0	0	0	1	
2006-Jul-11	21:51	174	13.86	4.0	 	5.7	0	0	0	1	
2006-Jul-11	21:51	188	13.85	4.9	 	B.2	0	0	0	1	
2006-Jul-11	21:52	151	13.66	4.9	ļ	0.6	0	0	0	-	
2006-Jul-11	21:52	156	13.93	4.9		3.1	0	0	0		
2006-Jul-11	21:53	160	13.95	4.9		5.5	0	0	0		
2006-Jul-11	21:53	156	13.90	4.9		3.0	0	0	0		
2006-Jul-11	21:54	160	13.87	4.9	ļ	0.4	0	0	0		
2006-Jul-11	21:54	160	13.83	4.9		2.9	0	0	0	1	
2006-Jul-11	21:55	160	13.85	4.9	35	5.4	0	0	0		
2006-Jul-11	21:55	169	14.04	4.9	 	7.8	0	0	0		
2006-Jul-11	21:56	165	14.06	4.9		0.3	0	0	0	 	
2006-Jul-11	21:56	165	13.98	4.9		2.8	0	0	0	-	
2006-Jul-11	21:57	160	14.00	4.9	 	5.2	0	0	0	1	
2006-Jul-11	21:57	174	14.19	4.9	 	7.7	0	0	0		
2006-Jul-11	21:58	174	14.19	5.0	·	0.2	0	0	0		
2006-Jul-11	21:58		1		<u> </u>		 	1 -		Reset Total \	/ol = 51.91 bbl
2006-Jul-11	21:58	18	14.07	0.0	5	1.9	0	0	0	riccol rolas, t	C1.31 DDI
2006-Jul-11	21:58									Wash Pump 8	R Lines
2006-Jul-11	21:58	18	14.06	0.0		.0	0	0	0	a a court i ditth (A LINGS
2006-Jul-11	21:59	9	13.97	0.0		.0	0	0	0	 	
2006-Jul-11	21:59	9	13.63	0.0	 	.0	0	0	0		KAA
2006-Jul-11	22:00		8,72	0.0	ļ	.0	0	0	0		AUU
2006-Jul-11	22:00	50	8.70	0.0	 	.0	0	0	0		11 7 5 2h
2006-Jul-11	22:01	55	8.70	0.0		.0	0	0	0	<u> </u>	OCT 2 5 20
2006-Jul-11	22:01	37	8.40	0.0	ļ	.0	0	0	0		ONFIDEN
2006-Jul-11	22:02	55	8.32	2.2		.8	0	0	0		The state of the s
2006-Jul-11	22:02	124	8.31	4.2		.0	0	0	0	 	
2006-Jul-11	22:03	114	8.31	4.2		.2	0	0	0		
2006-Jul-11	22:03	124	8.25	4.2		.3	0	0	0		
2006-Jul-11	22:04	128	8.28	4.2		.4	0	0	0		
2006-Jul-11	22:04	128	8.28	4.2).5	0	0	0		
2006-Jul-11	22:05	120	0.20	4.2).J	- 0	0		Drop Top Dhy	
2006-Jul-11	22:05					·		 		Drop Top Plug	
2006-Jul-11	22:05	18	8.28	0.0	^	.0	0	0	0	Start Displace	ment
2006-Jul-11	22:05	14	8.28	0.0		.0	0	0	0	 	
2006-Jul-11	22:06	60	8.30	0.0	~	.0	0	0	0		
2006-Jul-11	22:06	69	8.28	5.4		.0	0	0	0	 	
2006-Jul-11	22:07	69	8.28	5.4		.3 .0	0	0	0	 	
2006-Jul-11	22:07	69	8.28	5.4		.u .7	0	0	0	 	
2006-Jul-11	22:08	69	8.28	5.4).4	0	0	0		
2006-Jul-11	22:08	73	8.28	5.5	_	3.4 3.1	0	0	0		
2006-Jul-11	22:09	78	8.28	5.4		5.8	0	0		ļ	
2006-Jul-11	22:09	73	8.28	5.4		3.5	0	0	0		·
2006-Jul-11	22:10	69	8.28	4.5		.1	0	0	0		
2006-Jul-11	22:10	69	8.28	4.5 4.5		3.3	0	0	0		
2006-Jul-11	22:11	64	8.28	5.2		5.9	0				
2006-Jul-11	22:11	69	8.28	5.2 5.2				0	0		ECEIVED
2006-Jul-11 2006-Jul-11	22:12	69	8.28	5.2 5.2		3.4	0	0	0	171	LULIVLU
2006-Jul-11 2006-Jul-11	22:12	64	8.28	5.2 5.2		.0	0	0	0	l-nr	CT 2 6 2006
2006-Jul-11 2006-Jul-11	22:12	69	8.28	5.2 5.2		3.6 3.3	0	0	0	-	, L C LUUC
2006-Jul-11 2006-Jul-11	22:13	69	8.28	5.2			0	0	0	KO	C WICHIT A
						5.9		0	0	110	AAIOLIII)
2006-Jul-11	22:14	69	8.28	5.3	41	.5	0	0	0	<u></u>	

CL	ODFELTER	R B #2		SKI SOUTHE	061	92-Jul-11	OXY R	ESOURCE CAL	IFORNIA LLC 2205551255
Date	Time	Treating Pressure	Density	Rate	Volume	0	. 0	0	Message
	24 hr clock	psi	lb/gal	bbl/mln	bbl	. 0	0	0	
2006-Jul-11	22:14	69	8.28	5.3	44.1	0	0	0	
2006-Jul-11	22:15	73	8.28	5.2	46.8	0	0	0	
2006-Jul-11	22:15	69	8.28	5.2	49.4	0	0	0	
2006-Jul-11	22:16	64	8.28	5.2	52.0	0	0	0	
2006-Jul-11	22:16	69	8.28	5.2	54.6	0	0	0	*
2006-Jul-11	22:17	69	8.28	5.2	57.2	0	0	0	
2006-Jul-11	22:17	64	8.28	5.2	59.8	0	0	0	
2006-Jul-11	22:18	64	8.28	5.3	62.4	0	0	0	
2006-Jul-11	22:18	69	8.28	5.3	65.1	0	0	0	
2006-Jul-11	22:19	69	8.28	5.3	67.7	0	0	0	
2006-Jul-11	22:19	64	8.28	5.3	70.3	0	0	0	
2006-Jul-11	22:20	64	8.28	5.2	72.9	0	0	0	
2006-Jul-11	22:20	69	8.28	5.2	75.5	0	0	0	
2006-Jul-11	22:21	64	8.28	5.2	78.1	0	0	0	
2006-Jul-11	22:21	64	8.28	5.2	80.8	0	0	0	
2006-Jul-11	22:22	69	8.28	5.2	83.4	0	0	0	
006-Jul-11	22:22	69	8.28	5.2	86.0	0	0	0	
006-Jul-11	22:23	64	8.28	5.2	88.6	0	0	0	
2006-Jul-11	22:23	69	8.28	5.2	91.2	0	0	0	
2006-Jul-11	22:24	69	8.28	5.2	93.8	0	0	0	
2006-Jul-11	22:24	64	8.28	5.2	96.4	0	0	0	
006-Jul-11	22:25	64	8.28	5.2	99.0	0	0	0	1/8
006-Jul-11	22:25	69	8.28	5.2	101.6	0	0	0	THE REC
2006-Jul-11	22:26	69	8.28	5.2	104.2	0	0	0	009 0
2006-Jul-11	22:26	64	8.28	5.2	106.8	0	0	0	OCT 2.5 2
2006-Jul-11	22:27	69	8.28	5.2	109.4	0	0	0	CONFIDEN
2006-Jul-11	22:27	69	8.28	5.2	112.0	0	0	0	ACIALIDE
006-Jul-11	22:28	233	8.28	5.2	114.6	0	0	0	
006-Jul-11	22:28	279	8.28	5.2	117.2	0	0	0	
006-Jul-11	22:29	307	8.28	5.2	119.8	0	0	0	
006-Jul-11	22:29	357	8.28	5.2	122.4	0	0	0	
006-Jul-11	22:30	398	8.28	5.2	125.0	0	0	0	
006-Jul-11	22:30	435	8.28	5.2	127.6	0	0	0	
006-Jul-11	22:31	471	8.28	5.2	130.2	0	0	0	
006-Jul-11	22:31	522	8.28	5.2	132.8	0	0	0	
006-Jul-11	22:32	458	8.28	3.0	134.9	0	0	0	
006-Jul-11	22:32	476	8.28	3.0	136.4	0	0	0	
006-Jul-11	22:33	444	8.28	2.3	137.8	0	0	0	
006-Jul-11	22:33	481	8.28	2.1	138.8	0	0	0	
006-Jul-11	22:34	490	8.28	2.1	139.9	0	0	0	
006-Jul-11	22:34	513	8.28	2.1	141.0	0	0	0	
006-Jul-11	22:35	526	8.28	2.1	142.0	0	0	0	
006-Jul-11	22:35	458	8.28	0.9	142.4	0	0	0	
006-Jul-11	22:36	545	8.28	1.9	143.3	0	0	0	
006-Jul-11	22:36	902	8.28	0.0	144.1	0	0	0	
006-Jul-11	22:37	1181	8.28	0.0	144.3	0	0	0	
006-Jul-11	22:37	1186	8.28	0.0	144.3	0	0	0	
006-Jul-11	22:37	4447	0.00					1	Reset Total, Vol = 153.5 bbl
006-Jul-11	22:37	1117	8.28	0.0	0.0	0	0	0	Pol [2 14 201]
006-Jul-11	22:37	1131	8.28	0.0	0.0	0	0	0	RECEIVED
006-Jul-11	22:37	000	9.00	- 00			<u> </u>	+	Bump Top Plug
006-Jul-11 006-Jul-11	22:38	938	8.28	0.0	0.0	0	0	0	OCT 2 & 2006
	22:38	14	8.28	0.0	0.0	0	0	0	KCC WICHI
006-Jul-11	22:39	14	8.26	0.0	0.0	0	0	0	1 AND IN TOTAL OF MALES

We'll Fleid CLODFELTER B #2			Fleid	Field Sci SKI SOUTHE			Service Date 06192-Jul-11		er	Job Number			
									OXY RESOURCE CALIFORNIA LLC			2205551255	
Date	Time	Treating Pressure	Density	Rate	Vol	ume 0		0	0 0	. 0	·	Message	
	24 hr clock	psi	lb/gal	bbl/min	b	ы	0		Ò	0		2	
2006-Jul-11	22:39										Float Holdin	Float Holding	
				*.	Post	Job S	ummary					7	
	Av	erage Pump	Rates,	bpm					Volu	me of Flu	id Injected, t	obl	
Slurry		N2	Mud	Max	Maximum Rate		Total Slurry		Mud		Spacer	N2	
5					5.7		51				20	1	
		Treating Pres	sure Sumr	nary, psi					Br	eakdown	Fluid		
Maximum	Final Average Bump Plu		Plug to B	to Breakdown			Volume		Density				
550		200	12	200				1			bbl	8.34 lb/gal	
Avg. N2 Percent Designed Slurr		Volume Displacement		Mix Wa	Mix Water Temp		Cement Circulated to Surface? Volum						
	%	4	3 bbl	153.5	ldd		°F	w	ashed Ti	ıru Perfs	То	ft	
Customer or Au	thorized R	epresentative		Schlumberg	jer Superví	sor						· · · · · · · · · · · · · · · · · · ·	
		Fill	pot, Greg				Ous	ley, John		Circulation	nLost [Job Completed	

KCC OCT 2 5 2006 CONFIDENTIAL

RECEIVED 0CT 2 5 2006 KCC WICHITA Client: Oxy USA Well Name: Clodfelter B

Well Number: 2

TOC LEAD

TOC TAIL

Casing Wt (Air)

Hyd PSI(Annulus)

Csg Cross Sect.

Bouyancy

Hook Load

Excess

4,915 ft

5,139 ft

113,961 lbs.

3,518 psi

4.9624 sq in.

17,458 lbs.

96,503 lbs.

20 %

Legal Location: Sec 14 -T 34S -R 35W

Field: Ski Southern County: Stevens State: Kansas Job Date: 7/11/2006 Job Number: 2205551255 Job Type: Longstring

Hole Size: 7 7/8 Casing Size: 5 1/2 Total Depth: 6715

DV Tool @

KCC OCT 2 5 2006 CONFIDENTIAL

Flu	ıid Systems	•					• •	-
	Mud:	bbl		·				
weight:		8.8 lb/gal						
	height	0 feet						
	Wash:	20 bbl	CW100					
	weight: 8.35 lb/gal			volumes:	112 cuft	slurry:	20 bbls	
	yield: cuft/sl			height:	648 feet	water:	20 bbls	
mix req:		gal/sk					20 22.0	
	Lead:	25 sks	RAT & MOUSE					
	weight: 13.8 lb/gal			volumes:	39 cuft	slurry:	7 bbls	
	yield: 1.55 cuft/sk			height:	224 feet	water:	4 bbls	
						Thickening Time:	hr:min	
		7.1 gal/sk						-
	Tail:	175 sks	50/50 Poz H+2%	D20+3%M117	'+0.25%D65+0.25	%D46+0.6%D112+5 pps D	42+5 pps D53	
	weight: 13.8 lb/gal			volumes:	271 cuft	slurry:	48 bbls	
	yield: 1.55 cuft/sk			height:	1,566 feet	water: ̯	, 30 bbls	
	mix req:	7.1 gal/sk				Thickening Time:	hr:min	
Disp	lacement:	153.51 bbl	Fresl	resh Water		density	8.33 lb/gal	
	Total:	153.51 ыы						
Cá	asing Data							
	O.D.	5.500 inches		CSG vol:	0.0232 bbl/ft	Ann. vol:	0.0309 bbl/ft	
	I.D.	4.892 inches		OH vol:	0.0602 bbl/ft		5.7715 ft/cuft	
	Csg Wt:	Feet volume			Shoe.	Joint Length		
0.0232	17	6692.56	155.27 bbls.		Csg:	86.96 feet		
0.0232	17	11.00	0.26 bbls.		Shoe:	1.00 feet		
0.0232	17		0.00 bbls.		Collar:	feet		
						· · · · · · · · · · · · · · · · · · ·		
olumes_								
	otal Depth	6715 feet			of Rat Hole			
Total Pipe		6704.56 feet	155.55 bt			Open Hole	404.54 bbls.	
Shoe Joint _		87.96 feet		2.04 b	bls.	Annulus	206.89 bbls.	
Float Collar@		6616.6 feet		153.51 b	bls.	Total Water	251 bbls neede	:d

Post Job Info

Casing Area ID

2,928

Hyd PSI(Casing)

Casing Lift Pressure

Differential Lift Pressure

psi @ approx 2 2; 45

18.7959 sq in.

2,928 psi

5,134 psi

590 psi

Final Diff. Pressure 550

Bump Top Plug to / スッツ

#VALUE!

RECEIVED
OCT 2 E 2003
KCC WICHITA

hours