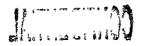
KANSAS CORPORATION COMMISSION KCC WICHITA

AUG 23 2002 Form ACO-1
September 1999

### Form Must Be Typed

### WELL HISTORY - DESCRIPTION OF WELL & LEASE

	API No. 15 - 129-21669-0 RIGNAL
Operator: License #	
Name: OXY USA Inc.	
Address: P.O, Box 2528	
City/State/Zip: Liberal, KS 67905	
Purchaser: CIG	
Operator Contact Person: Vicki Carder	
Phone: (620) 629-4242	(circle one) (NE) SE NW SW
Contractor: Name: Wurtin Onling Company	Lease Name Nentscheld Well # 1
License: 30606 AUG 2 2 2	Field Name: Un-named
Wellsite Geologist: <u>Marvin Harvey</u>	Producing Formation: St. Genevieve
Designate Type of Completion: CONFIDEN	TIAI Elevation: Ground: 3525 Kelly Bushing: 3535
X New Well Re-Entry Workover	
OilSWDSIOWTemp. At	od. Amount of Surface Pipe Set and Cemented at1436feet
	Multiple Stage Cementing Collar Used? ☐ Yes☐ No
Dry Other (Core, WSW, Expl, Cathodic, etc)	If yes, show depth set3193
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator: OXY USA, Inc.	feet depth to w/ sx cmt.
Well Name:	Drilling Fluid Management Plan
	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth;	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. To Enhr./	SWD Chloride content 1000 ppm Fluid volume 1800 bbls
Plug Back Plug Back Total Depth	Dewatering method used <u>Evaporation</u>
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No.	1
05/09/02 05/16/02 05/29/02	Quarter Sec. Twp, S. R. East West
Spud Date or Date Reached TD Completion Date	
Recompletion Date Recompletion D	ate
Kansas 6702, within 120 days of the spud date, recompletion, worko Information of side two of this form will be held confidential for a period 107 for confidentiality in excess of 12 months). One copy of all wireling CEMENTINGTICKETS MUST BE ATTACHED. Submit CP-4 form with the confidentiality in excess of 12 months.	d with the Kansas Corporation Commission, 130 S. Market – Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. and of 12 months if requested in writing and submitted with the form (see rule 82-3-ine logs and geologist well report shall be attached with this form. ALL with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to herein are complete and correct to the best of my knowledge.	o regulate the oil and gas industry have been fully complied with and the statements
Signature: Dioliu Lauroll	KCC Office Use Only
Title: Date August 22	Letter of Confidentiality Attached
Title: Capital Projects  Subscribed and sworn o before me this Ard day of August 22	If Denied, Yes Date:
20 DQ	Wireline Log Received
Notary Public:	Geologist Report Received
Date Commission Expires: Oct. 1, 2005	—— UIC Distribution 1/07 U 4 2803
ANITA PETERSON OFFICIAL MY COMMISSION EXPIRES October 1, 2005	From Confidential



### Side Two

Operator Name:	OXY	/ USA Inc.	_	. <u> </u>	Lease Name	: <u>Hentso</u>	hel B	Well #:	1
Sec. 8 T	wp. <u>33</u> S.	R. <u>-42W</u>	_	ast 🗌 West	County:	_	Marton		
Instructions: Show	/ important tops ar closed, flowing and flow rates if gas to	nd bàse of d shut-in p surface te	formation ressures, st, along v	is penetrated, [ whether shut-ir with final chart(:	Detail all cores. 1 pressure reach	ed static level,	hydrostatic pr	ressures, bot	giving interval tested, ttom hole temperature, opyof all Electric
Drill Stem Tests Tal		⊠ Yes	☐ No		□ Log	Formation (To	p), Depth and	Datum	Sample
Samples Sent to Ge		⊠ Yes	□No		Name Waubansee			Top 2658	Datum +878
Cores Taken	,	_ ☐ Yes	— ⊠ No		Topeka			2864	+672
Electric Log Run (Submit Copy)		⊠ Yes	☐ No		Lansing			3308	+228
List All E. Logs Run	: Microlog	1	Sonic		Kansas City	Sangari		3534	+2
Induction	Neutron		Geologi	ical Report	Marmaton	1		3910	-374
					Morrow			4419	-883
					Top Upper N (Continue or	Norrow L2 n Side Three)		4556	-1020
		Reno		SING RECORD	New U	Used	· <del></del> -	<del></del> _	
Purpose of String	Size Hale Drilled	Size Ca Set(in.	asing	Weight Lbs./ft.	Setting Depth	Type of Cement	# Sacks Used	1	ype and Percent Additives
Conductor						С			
Surface	12 1/4	8 5/8		24	1436	С	615	2% CC, 1/4	# PolyFlake
Production 7 7/8 5 1/2 15.5				5100	С	205	1	, 5# Gilsonite, % Halad-322	
			ADDITIO	NAL CEMENTI	NG / SQUEEZE	RECORD			
Purpose:	Depth Top Bottom		pe of ment	#Sacks Use	d	Ту	pe and Perce	nt Additives	
X Protect Casing	2500-3196		С	205	1/8# PolyF	lake (Port Colla	ır)		
Plug Back TD Plug off Zone	-								
Shots Per Foot	PERFORATION	RECORD	- Bridge PI	lugs Set/type		Acid Fractur	e, Shot, Cemer	t Squeeze Re	cord
	Specify Foot	age of Each	nterval P	erforated			nt and Kind of M		Depth
6		4553-4	582 						
<u></u>			_	<u> </u>					
			_			-	-		
								·	
TUBING RECORD	Size 2 7/8	Set At 6206	Pa	cker At	Liner Rún	Yes	⊠ No	*	
	Date of First, Resumed Production, SWD or Enhr. Producing Method 06/10/02				lowing Dum	nina 🗆 a		Whor (Euni-t-)	
	Oil BBLS			Gas Mcf	<del></del>	iping er Bbls	<del></del>	Other (Explain)	
Estimated Production Per 24 Hours	· O	'	<u>'</u>	3191		or Bois	Gas-C	Oil Ratio	Gravity
Disposition of Gas		 M8	THOD O	F COMPLETIO	N	,	Produ	ction Interval	
☐ Vented	Sold 🗍 🤄		ease	☐ Open	Hole 🛭 Perf	. Dually C	Comp. 🗌 C	Commingled	
(II Vent	ca, cabiiii ACC- i	~ <i>y</i>		☐ Other	(Specify)				·

Side Three

### ORIGINAL

Operator Name: OXY USA Inc.	Lease N	lame: Hentschel B	Well #:	1
Sec. <u>8</u> Twp. <u>33</u> S. R. <u>42W</u>	County: Morton			
Name	Тор		Datum	
		KCC		
Base Upper Morrow L2	4584	, –	-1048	
Top Indican Belly Lime	4773	AUG 2 2 2002	-1237	
Chester	4985	CONFIDENTIAL	-1449	

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AUG 23 2002

KCC WICHITA



HALLIBURTON	1/	OB SUMN	IAD	V		SALES ORDER N	мвек 4107	TICKET DATE	05/24/0	2		
REGION	BDA / STATE	4107	COUNTY	COUNTY								
NORTH AMERICA LAND		Central / USA	A A 1 11	1 2 4	NTIAL	PSL DEPARTMEN		MORTO	ODIOLALAL			
MCL10104 212723		JERRAKO EVA	NS_			CEMENT CUSTOMER REP		-UK	1511	VAI-		
ELKHART, KS		OXY-USA WELL TYPE		GREGG FILLPOT								
\$6.905.26		OIL _			131215	1						
WELL LOCATION ELKHART, KS		DEPARTMENT CEMENT	* \	ي جيمه لهم ا	ارسا در ا المحمد ا	SAP BOMB NUMB 14099	ER Com	Protestor Comp		-		
LEASE NAME HENTSCHEL	Well No. <b>B-1</b>	SEC / TWP / RNG 8-33S-42W	A	UG 2	₹ <b>3</b> 2002	LIBERAL	OSEST TO WELL S	TE)	KC			
HES EMP NAME / EMP ● / (EXPOSURE HOURS)	HRS	10 000 4211	10	HR9.		- <u> </u>	HRS		410	HRS		
Evans, J 212723	1.0		• • •	JC V	NCHIIA			A	UG 2 Z Z	2002		
Clemens, A 198516  Oliphant, C 243055	1.0								MEIDEN	<u>-</u>		
							Ì		NFIDEN			
	MILES 0		R/T	MILES			R/TMILE	<u>s</u> T	<del></del>	R/TMOLE		
54219-78299 7	Ō											
54218-6611 3	5		<del>-</del> -									
Form. Name	Type:		<u>. !                                   </u>		<del></del>		<u> ! </u>		<del></del>	<u> </u>		
Form. Thickness Fro Packer Type		To	Date	Called	Out /24/2002	On Location 05/24/2	n Jo	b Started 05/24/2002		ompleted /24/2002		
Bottom Hole Temp.	Pressu	ire	<u> </u>			1	.002					
Retainer Depth Tools and Acce	Total D		Time	06	600	0930 Well D	) Pata	1000	<u> </u>	100		
Type and Size Q	ty	Make		•	New/Used	Weight	Size Grade	<del></del>	To	Max. Allow		
Float Collar Float Shoe	_		Casing Liner		NEW	15.5	5 1/2	КВ	3,196	<del> </del>		
Centralizers			Liner		USED	6.5	27/8		0.400			
Top Plug HEAD	+		Tubing Drill Pip	e	USED	0.5	2 110		3,196			
Limit clamp Weld-A			Open F Perfora							Shots/Ft.		
Guide Shoe			Perfora	tions				-	<u> </u>	<del>                                     </del>		
BTM PLUG Materials	L_	, , , , , , , , , , , , , , , , , , , ,	Perfora Hours (	tions On Loc	eation	Operating	Hours	Descri	tion of Jol	<u> </u>		
Mud TypeDen	sity sity	Lb/Gal	Date 5/24	.	Hours 3.0		Hours 1.0		t Productio			
Prop. Type Size	ISILY	Lb	3/24		3.0	3123	1.0	PORT	COLLAR @	3196		
Prop. Type Size Acid Type Gal.	-	Lb		+								
Acid Type Gal. Surfactant Gal.		%										
NE AgentGal.		ln		ightharpoonup			_					
Fluid Loss Gal/Lb Gelling Agent Gal/Lb		·ln		+								
Gelling Agent		In In	¿Total	-, -	3.0	Total	1.0					
Blocking Agent	Gallb		[Indian-									
Perfpac BallsOther	Qty.		Ordered	d		i_Hydraulic Avail	Horsepow	er_) Usi	ed			
Other		1	Treating	,		_Average i	Rates in BP	M_i Overali	_	-		
Other				1		Cement	Left in Pipe	2		<u>-                                    </u>		
Other			Feet			Reason		SHO	E JOINT	-		
			Cei	ment C	ata		475. MARCHARL MARCH	,				
	Ik/Sks ULK	1/8 # POLYFLAKE	Additives	<u> </u>	<u>.</u>			W/Rd		Lbs/Gal 12.40		
1 200 112011 0 2		IN THE OUT LAKE						10.5	1.57	12.40		
<del>        </del>	-		<del></del>					-		<del>                                     </del>		
Circulating	Displac	ement	Sun		eflush:	BBI		Type:				
Breakdown	MAXIM	IUM etums-r	· 	Lo:	ad & Bkdn:	Gal - BBI		Pad:Bb				
Cmt Rtm#Bbl	Actual `	TOC		Ca	cess /Retur llc. TOC:	•		Actual		18		
	Frac. G 5 Min.	Gradient 15 Min		Tre Ce	eatment: ment Slurry	Gal - BBl BBl	72.0	Disp:Bl	5	18.00		
Frac Ring #1				To	tal Volume	BBI	90.00		ころでこのは	<u>මල</u>		
THE INFORMATION STAT		CRING#2	FCT		Frac Ring	#3	<u>,                                     </u>	Frac Ring	#4 !!!!     4	2003		
CUSTOMER REPRESENT				Lac	(4. X	1 Feb	lost	T.	Signal Signal			
					0	SIGNATURE	<b>V</b>	ر آ		- i		

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ORIGINA ALIG 23 ZUUZ HALLIBURTON **JOB LOG** KCC WICHITR74107 05/24/02 NWA / COUNTRY COUNTY BDA / STATE REGION KS **MORTON** NORTH AMERICA LAND Central / USA KCC HES EMPLOYEE NAME PSL DEPARTMENT MBUID / EMPL # MCL10104 212723 **CEMENT** <u>JERRAKO EVANS</u> AUG 2 2 2002 **OXY-USA** ELKHART, KS **GREGG FILLPOT** OIL \$6,905.26 Cement Production Casing WELL LOCATION DEPARTMENT JOB PURPOSE CODE ELKHART, KS CEMENT SEC/TWP/RNG 8-335-42W ES FACILITY (CLOSEST TO WELL S LIBERAL, KS HENTSCHEL **B-1** HES EMP NAME/EMP II (EXPOSURE HOURS) HRS HES EMP NAME/EMP I (EXPOSURE HOURS) Evans, J 212723 Clemens, A 198516 Oliphant, C 243055 Job Description / Remarks 10 A 11 10 10 10 **建模模** Rate Press.(PSI) Chart Time Volume Rate CSG. No. (BPM) (BBL)(GAL) Tbg 1000 JOB READY 0600 **CALLED OUT FOR JOB** 0930 PUMP TRUCK ON LOCATION/ JOB SITE ASSESMENT 0945 RIG UP TRUCKS 0.5 0951 1000 TEST LINES 0955 **OPEN PORT COLLAR** 0957 2.0 15.0 0-300 PUMP TO GET CIRC. 1008 4.0 72.0 0-350 START PUMPING CMT @12.4# 1027 4.0 18.0 0-700 START DISP WITH FRESH WATER 1036 SHUT DOWN / CLOSE PORT COLLAR 1038 1000 PRESSURE UP MAKE SURE PORT COLLAR CLOSED 1047 4.0 40.0 REVERSE OUT WITH FRESH WATER 1105 **END JOB** RAMAGRA NOV U 4 2003

> From Confidential

## HALLIBURTON

### **Work Order Contract**

CONFIDENT Halliburton Energy Services, Inc.

ORIGINAT

1874107

70012 SAB

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BEEOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

1.100	20101001   EIE01"ID III		<u> </u>	
Well No.	Farm or Lease	County	State Well Permit Number	
B-1	HENTSCHEL	MORTON		AUG 2 2 2002
Customer		Well Owner	Job Purpose	<del></del>
OXY-USA			Cement Production Cas	sing

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services/Inc. (hereinafter "Halliburton").

- B. PRICE AND PAYMENT The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materiels. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account. Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.
- C. RELEASE AND INDEMNITY Customer agrees to <u>RELEASE</u> Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entitles Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to <u>DEFEND, INDEMNIFY, AND HOLD</u> Halliburton Group <u>HARMLESS</u> from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, Illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water, surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity, and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Haliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Haliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a feature to warm of such defect. "Haliburton Group" is defined as Haliburton Energy Services, inc., its parent, subsidiary, and affiziated companies, insurers and subcontractors and all its their officers, directors, employees, consultants and agents. <u>Quantamental RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS</u> obligations apply whether the personal injury, threes, death, property damage or loss is suffered by one or more members of the Haliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Haliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance overage, except where and as may be required by proficebile local law for the provisions of this Contract to be enforceable.

MINIMED

AUG 2 3 2002

KCC WICHITA

- D. EQUIPMENT LIABILITY Customer shall at its risk and expense attempt to recover any Halliburton Group equipment tost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.
- E. LIMITED WARRANTY Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use or any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP. Halliburton

personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION. even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

- F. GOVERNING LAW The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.
- G. DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules or the American Arbitration Association. The arbitration will take place in Houston, TX.
- H. SEVERABILITY If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.
- I. MODIFICATIONS Customer agrees that lialiburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President Legal, 4100 Clinton Drive, Houston, TX. 77020.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED

TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED: Level Library CUSTOMER Authorized Signatory

DATE:

05/24/02

TIME:

1000

Customer Acceptance of Materiels and Services

ORDER NUMBER

日本の変数を

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED

1874107

AUSTOMER Authorized Signatory

NOV 0 4 2003

179999 1889aaa

		<del></del>				ISALES ORDER	TIMPED		TICKET DATE		
HAŢLIBURTON	.10	OB SUMI	ИΔR	<b>X.</b> ,	HILL STADE	18	56060	ľ		05/10/02	)
REGION		MWA / COUNTRY		121	7-4-5	Japa / State		-	COUNTY		
NORTH AMERICA LAND		HES EMPLOYED NAME	entral &	ЦSА	166-10		C/Ks		MOR	TON	
MBU ID 7 EMPL # 106322			nny Mc	Lane	,	PSI DEPARTME	NT		Cement		
LOCATION		COMPANY				CUSTOMER REP					
LIBERAL INCRET AUTOUNT		WELL TYPE	OXY U	<u>SA</u>		Cal Wy	lie 🖳	<del></del>	<u> </u>	<u> 1-785-69</u>	4-3669
\$7,390.77		METT ILE	Oil			APIUNYI D	$\square$ R	[-	$\Delta I N A$	l	
WELL LOCATION		DEPARTMENT				SAP BOMB NUM	BÈR		<del>د ایا بار د</del>		
N/Sublette	- 1507-1501-	SEC / TWP / RNG	<u>Cement</u>			7521	ACCET YO ME	-			
HENTSCHEL	B-1		- 33S <i>- 4</i>	42W	li .	TESTACION (C	LOSCSI IO III	.E.C. 011E	Liberal		
HES BUP NAME / EMP # / (EXPOSURE HOURS)	HRS	<u> </u>		HRS	·		<del></del>	HRS	1//	~~	HRS
Mclane, D 106322	11.0			П	Alla			T		<del></del>	1
King, K 105942	11.0				AUG 2	3 20Uz		$\neg$	ALIC o	2	
Harper, K 241985	0.0								AUG Z	2 20.7	
Archuleta, M 226383	9,0				KCC M	VICLUEA					
	/T MILES		R/T	MILES		<del>'''나가</del>	R/T/	JILES	CONFID	ENTIA	R/T MILE
420995 10251401	70			$\rightarrow$			<del>-  </del> -	_			"
53777 75819	70 35		<del></del> -				<del>-  -</del>			_	
12043558 6612	35	<del>-</del>	<del></del>	$\dashv$			<del>-</del>	$\dashv$	-		1
Form, Name	Type:		<del></del> -						<del></del>		<u> </u>
	rom	To		Calle	ed Out	On Locati	on I	Job	Started	Job Co	mpleted
Packer Type	Set At		Date	0	5/10/2002	05/10/	2002	0	5/10/2002	057	10/2002
Bottom Hole Temp. Retainer Depth	Pressu Total D		Time		1300	1530	Ī		2010	24	25
Tools and Ac			Tune		1300	Well [	Data		2010	_	35
	Qty	Make			New/Used	Weight		ade	From	To	Max. Allow
Insert 8 5/8	1 H		Casing		New	24.0	8 5/8		KB	1436.38	
Float Shoe	<del>_</del>		Liner	_			<u> </u>	_			
Centralizers 8 5/8 Top Plug 8 5/8	5	0	Liner Tubing	,	<del></del>		<del>                                     </del>	<del>-</del> - -			
HEAD 8 5/8	<del>i   -</del>	w	Drill Pir				<del> </del>	$\dashv$			
Limit clamp 8 5/8	<del>1</del>		Open		<del>l </del>	<u> </u>	12 1/4			-	Shots/Ft.
Weld-A	1	С	Perfora				]				
Guide Shoe 8 5/8 Basket 8 5/8	1		Perfora			_		$\dashv$			
Materials Materials			Perfora Hours	On Lo	cation	Operating	Hours		Descripti	on of Job	
Mud TypeDe	ensity	Lb/Gal	Date	<u> </u>	Hours	Date	Hours	ӹ"		Surface Ca	
Disp. Fluid Do Size	ensity	Lb/Gal	5/10	<u>'</u>		5/10	1.0	_			31119
Prop. Type Size		끊~~~	}	$\rightarrow$	<del></del>	-	<del> </del>	$\dashv$			
Acid Type Gal.		%						$\Box$			
Acid Type Gal. Surfactant Gal.		%		-	<del></del>	_	<u> </u>				
NE Agent Gal.		in				-		$\dashv$			
Fluid Loss Gal/LI	b	In						$\exists$			
Gelling Agent Gal/LI	ը	In						┦.			
Breaker Gal/LI	ե——	in	Total	-		Total	1.0	$\dashv$		_	
Blocking Agent	Gal/Lb		P-1-13-11-1								
Perfpac Balls	_Qty		0-4	_	Ļ	Hydraulic	Horsep	ower			
Other	_		Ordere	<u>u</u>		Avail. Average	Rates in	PPM	Used		
Other			Treating	<b>g_</b>		Disp.			Overall		
Other			<u></u>		Ī	Cement	Left in P	ipe			
Other			Feet	44.28	<u> </u>	Reason			SHOE	JOINT	
				m = -1.	Data				ng magazing ng ng ng		
Stage Sacks Cement B	ulk/Sks	<del></del>	Additives		<u> </u>				W/Rg.	Yield	Lbs/Gal
1 465 HLC PP		2% CC - 1/4# POLY	FLAKE		PUMP TIMI	E - 4+ HOU	RS		11.79	2.11	12.20
2 150 PREM PLUS		2% CC - 1/8# POLY	FLAKE		PUMP TIME	- 1:45 HO	JRS		6.30	1.34	14.80
3 4											
<del>                                     </del>		<u> </u>							+	+	<u>-</u>
			Sur	nmañ	<del>,</del>						
Circulating	Displace	ement		Р	reflush:	BBI	5.0	)	Type:	fresh	water
Breakdown	■ MAXIM	UM		<u>—</u> Ľ	oad & Bkdn: (	Gal - BBl '			Pad:Bbl - Calc.Disp Actual Dis	Gal	
Lost Returns-\ Cmt Rtm#Bbl	_Lost Re _Actual 1	:(ums-i)			xcess /Retum alc. TOC:	RRI			Calc.Disp	Bbl —	88.5
Average -	Frac. G	radient				Gal - BBI			Actual Dis DisptBbl_	sp. <u> </u>	00.0
Shut In: Instant	_5 Min	15 Mir	1	с	ement Slurry	BBI	174.7		DisptBbl.	三ので	,
Frac Ring #1	IEen	- Ding # 7		<u>_T</u>	otal Volume		#VALI			<del>(4) 2, *****</del>	<u>,                                     </u>
		Ring # 2			Frac Ring	+3		, IFI	rac Ring#		<u> </u>
THE INFORMATION STA			EC 1			M	11/1-		<del>[</del> =	rom	
CUSTOMER REPRESEN	MIATIVE	=			<del></del>	SIGNATURE	MAR			ilkijusi ur i Držani	<u>n</u> {
·						SIGNATURE	H		<u>~~@iDip</u>	ilik filozi tuli ij	<u> </u>

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				<u> </u>			<u>Alli</u>	<u> </u>		KO	<u> </u>			
HAL REGION	LLIBURTO	ON			JOB	LOG	— CON	IFIDENT	1856060	05/10/02	C WICHITA			
<b>NORTH A</b>	MERICA	LAN	D	Cen	itral / (				MC/Ks	MORTON				
MBUID / EMPL # MCILIO101	1 10	6322			INY MC				PSL DEPARTMENT  Cement					
LOCATION	! (0)	Juan		COMPA	NY	·			CUSTOMER REP / PHONE					
LIBERAL TICKET AMOUNT				OXY WELLT	Y USA				Cal Wylie 1-785-694-366					
\$7,390.77				- 2010		Oi	<u>il</u>		<u> </u>		<del></del>			
WELL LOCATION  N/Subjette	e			Cen	ment nent				JOB PURPOSË CODE Ce	ement Surface C	Casino			
LEASE NAME HENTSCH		We	B-1	SEC/TV	WP/RNG 35 - 42	 2 <b>W</b>			HES FACILITY (CLOSEST	TO WELL S				
HES EMP HAME/EMP (E				HES EMP NAME/			HR6 HES EMP N	NAME/EMP II (EXPOSUI		HRS HESEMP NAME/EMP F (EXP	POSURE HOURS) HRS			
Mclane, D	106322		11											
King, K 10	5942		11							<del>                                      </del>				
Harper, K	241985		9							<b>†</b>				
Archuleta,		3	9				<del>                                      </del>	<del></del>	<del></del>	<del>                                     </del>				
Chart	Time	Rat	.	Volume	. —	Press	s.(PSI)			Description / Re	marks			
No.	1300	⊹(BPM)	). ·	(BBLKGVr)	N2	CSG.	Tbg **	, ,		The land of the	<u></u>			
	1530	<del>                                     </del>	$\dashv$		+	<del> </del>	┼──	Called for						
	1300	<del> </del>	$\dashv$		+-	<del>                                     </del>	<del> </del>	1	on note safety me circulating set up	eeting rig on botton	n with			
-	1605	$\vdash \vdash$	$\dashv$		+	<del></del>	<del>                                     </del>		circulating set up ng out drill pipe	) trucks				
<del></del>	1700		$\exists$		<del> </del>	<del>                                     </del>	<u> </u>		out of hole		<del></del> -			
	1710		$\exists$		+	<del> </del>		rig up cas		<del></del> -	<del></del>			
	1730		$\exists$		<b>†</b>	f			ning 8 5/8 casing a	and float equip.	<del></del>			
	1953							Casing on						
	1959		$\Box$					_		d circulating hose				
	2002		$\perp$			<u> </u>	<u></u>	Start circu	ulating with rig m	ud pump				
	2005	<u> </u>	ightharpoonup		<u> </u>	ļ. <u>.           </u>			ns rig down casin					
	2007	<u> </u>	$\dashv$		<del>                                     </del>	<del> </del> '	<u> </u>		circulating <u>with</u> ri	g pump				
	2009		$\rightarrow$		<del>                                     </del>	<del> </del> '	<u> </u>	Hook up te	o Halliburton	<del></del>				
	<del> </del>	<u> </u>	$\dashv$		<del>                                     </del>	<b></b> '	<del> </del>	<del>                                     </del>		<del></del>				
		<u> </u>	$\dashv$		<del>                                     </del>	-	<del> </del>	Job proce	dure for 8 5/8 sui	rface pipe	<del></del>			
-	2010	<del></del>	-		+	0/1900	<del> </del>	Decoure (			<del></del>			
	2012	2.5	$\dashv$	5.0	+-	0/1900	<del></del>	Pressure t	rest lines n water ahead	<del></del>				
	2015	6.0	_	174.7		65/180		<del>                                     </del>	cement @ 12.2 #		<u> </u>			
	2045	5.0		35.7		175	<b></b>		ement @ 14.8 #					
	2052		$\Box$						nixing cement					
	2054							Shut dowr	n and release top	plug				
	2055	6.0		88.5		0/50	<u> </u>	Start fresh	ı water displacem	nent				
	2101					50/100	[	Displacem	ent caught ceme	ent				
	2110	2.0	$\rightarrow$		<u> </u>	300/275	<u> </u>		n rate with 68 Bbl					
	2122	1.0	4		igspace	329/300	<b> </b>	<del></del>	n rate with 78 Bbl	s out				
	2131	<u> </u>			<b>↓</b>	400/900	<b></b> '	Plug lande		<del></del>				
	2132	<del></del>	$\rightarrow$		₩	900/0	<u> </u>	Release pr	ressure float held	<u>!</u>				
	<del>                                     </del>	<del></del>	$\dashv$		<del> </del> -	<b></b>	<b> </b>	<del> </del>	<del></del>		<del></del>			
	<del>                                     </del>		$\dashv$		<del>                                     </del>	<del>                                     </del>	<b></b> '	<del> </del>	Circula	ated 60 Bbls to pit	<u></u>			
	<del>                                     </del>		$\dashv$		<del>  </del>	<del>                                     </del>	<b></b>	<del> </del>	Thereleven		<del></del>			
	<del>  </del>		十		+	<del>                                     </del>	<del>                                     </del>	<del> </del>		for calling Halliburt nny and crew	on			
-	1		十		+	<del>                                     </del>		<del> </del>	Dgi	nny anu Grew	Release			
-	<del>                                     </del>		$\dashv$		$\vdash$		<del></del>	$\vdash$	<del></del>	<del></del>	0.88888888			

From Confidential

### Work Order Contract

<u>IÀLLIBURTON</u>

Halliburton Energy Services, Inc. Houston, Texas 77056

Order Number

1856060

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BEEOW AND DELIVER AND SELL PRODUCTS SUPPLIES AND MATERIALS FOR THE DURPOSE OF SERVICING.

.,,,,,	0.0,002.20		<u> </u>	0		
Well No.	Farm or Lease	-	County		State	Well Permit Number
B-1	HENTSCHEL		MORTON		Ks	
Customer		Well Owner			Job Purpose	
OXY USA		OXY USA			Cement Su	rface Casing
		TUIC MODIZ	ADDED MIJET DE CIANÉC	DEECDE WARD		

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton")

- PRICE AND PAYMENT The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of laxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materiels. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event matter action of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees count. Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees
- RELEASE AND INDEMNITY Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

**AUG 2 2 200**2

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, differ the DENTIAL substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature the explosion; subsurface pressure; radioactivity, and pollution and contamination and its cleanup and control. FLUEIVED

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Haliburton Group, the unseaworthiness of any vessel or any defect in the date, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Enorgy Servicos, inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its/their officers, directors, employees, consultants and agents. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations employeeser and agents. injury, libress, death, property damage or loss is suffered by one or more members of the Haliburton Group, Customer, or any other person or entity. Customer agrees to supp such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

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- EQUIPMENT LIABILITY Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well, If the equipment is recovered and repeirable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence, if a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group, Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship
- and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE, Halliburton's sole flability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use or any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP, Halliburton

personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

- GOVERNING LAW The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or F. materials are delivered.
- DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three G arbitrators under the rules or the American Arbitration Association. The arbitration will take place in Houston, TX.
- SEVERABILITY If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH

MODIFICATIONS - Customer agrees that lialliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX, 77020.

THORIZED	
E:	
MEIGENE	
NOV U 4 2003	
ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHOR SAME AS CUSTOMER'S AGENT.  JED: DATE: 05/10/02 TIME:  CUSTOMER Authorized Signatory  COMER HEREBY ACKNOWLEDGES RECEIPT OF THE  LS AND SERVICES DESCRIBED ON THE ATTACHED	

ORDER NUMBER 1856060

**CUSTOMER Authorized Signatory** 

Confidential

<del>Придели</del>	<b>OB SUMI</b>	MAR	Y			57115			05/17/02	2
NORTH AMERICA LAND	OB SUMM NWA/COUNTRY Central / USA	ijen ila	MC/Ks	MC/Ks M			MORTON			
MCLI0101 232712	LYNDON WHI				PSI, DEPARTMEN	ГIIK	$\prod_{i}$	GINAL		
LIBERAL	OXY USA				CAL WY		. O	1	<u>√</u> 620,83	9-5656
11CKET ANOUNT \$6,662.66	WELL TYPE OIL	NECEIVED			APIAWA #	APILLAVI #				
WELL LOCATION ELKHART, KS	DEPARTMENT CEMENT				SAP BOMB NUMB	SER S	Accord Products	AUG	2 2 20	102
LEASE NAME HENTSCHEL Weil No B-1	SEC / TWP / RNG		و∪ن	<del>23 2002</del>	HES FACILITY (C	LOSEST TO WEL				
HES EMP NAME / EMP # / (EXPOSURE HOURS) HRS	10-000-4211	K	सिंड	: MICHITA	Tribrio		RS	CONF	IDENT	IAL HR
White, L 232712 9.0 Evans, J 212723 9.0			$\square$		-		<b>—</b>			
Lopez, J 198514		<del>-</del>					_			
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10251401 70 10244148-10286731 35		<del></del>				—	-			<u>-</u>
		<u></u>								<del>-                                    </del>
Form. NameType: Form. Thickness From	То		Cal	ed Out	On Location	on IJ	lob St	arted	JJob C	ompleted
Packer Type Set A Bottom Hole Temp. Press	T	Date		05/17/2002	05/17/2	2002	05/	18/2002	05/	18/2002
Retainer Depth Total	Depth	Time	<u> </u>	1800	2130		03	310	04	130
Tools and Accessorie Type and Size Qty	Make			New/Used	Weil [ Weight	Size Gra	de	From	Τo	Max. Allow
Float Collar INSERT 1 HO	OWCO	Casing Liner		USED	15.5	5 1/2	-	KB	5,109	
Centralizers 16 9 i	REG, 7FM	Liner								
HEAD 1		Tubing Drill Pip		<del>                                     </del>	<del>                                     </del>		+			
Limit clamp 1 Weld-A BASKET 1 CA	ANVAS	Open F Perfora		<u> </u>		77/8			5,110	Shots/Ft.
	GULAR	Perfora	tions	5						
Materials			On L	ocation	Operating	Hours		Description	n of Job	L 
Mud Type Density Disp. Fluid Density_	Lb/Gal Lb/Gal	Date 5/17		Hours 3.0	<u>Date</u> 5/17	Hours O		Cement P	oduction	Casing
Prop. Type Size Size	_rp	5/18	-	5.5	5/18	1.5	-			
Acid Type Gal	-%		$\dashv$				7			
Surfactant Gal.  NE Agent Gal.	ln		$\dashv$				7			
Fluid Loss Gal/Lb	[In		$\dashv$				コ			
Gelling Agent Gal/Lb Fric. Red Gal/Lb	ln		_				Ⅎ			
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Stage Sacks Cement Bulk/Sks	,	Cei		Data	<del></del>	**************************************		W/Rq.	Yield	Lbs/Gal
1 30 50/50 POZ H 2 175 50/50 POZ H	5# CALSEAL - 5# 0	ILSONIT	E - 3				UMP	32.54	5.02	10.00
3 25 50/50 POZ H	5# CALSEAL - 5# C	ILSONIT	E - 3	<u>% КСL5% Н.</u> <mark>% К</mark> СL5% Н.	ALAD-322 ALAD-322	_	UMP	6.26 6.26	1.45 1.45	13.80 13.80
4					_ <del>_</del>				$+ \Box$	
Observation and the second sec		Sur	ກີກັາລ <b>ຸ</b> ້	Ϋ́		700				
Breakdown MAXIII			<u> </u>	Preflush: Load & Bkdn:	Gal - BBI	7.00		Type: Pad:Bbl-0	Sal	ATER
Lost Returns-\ Cmt Rtm#Bbl Actual	eturns-N			Excess /Retun Calc. TOC:	n BBI			Calc.Disp Actual Dis		121
	Gradient		1	reatment: Cement Slury	Gal - BBI BBI	78.0		Disp:Bbl		
				Total Volume	BBI	206.0	0	THE BE	96	
THE INFORMATION STATED H	ac Ring #2 FRFIN IS CORR	FCT		Frac Ring	/ -		<u> Fra</u> 	c Ring # 4	2003	
CUSTOMER REPRESENTATIVE				M.VC	<u>,                                      </u>			Fra		
				_ <del></del>	SIGNATURE		Û	Ontide		

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REGION NORTH A	MERICA	LANE	)		tral / l				C WICH	MC/Ks		MORTON	
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LOCATION	LULIIL	<u>'</u>		COMPAN	ľ	**! !! ! <u> </u>		K	CC	CUSTOMER REP / PH			
LIBERAL TICKET AMOUNT				OXY	USA					CAL WYL!	<u>E</u>	<u>1-620-6</u>	<u> 29-5656</u>
\$6,662.66 WELL LOCATION	<del></del>			DEPART		Ol	LA	UG :	2 2 2002	JOS PURPOSE CODE			
ELKHART	, KS				ENT					Ce	emen	t Production Casing	
LEASE NAME HENTSCH	•	Well	No. <b>3-1</b>	SEC/TM 8 - 33	/P/RNG 35 - 42	vv	CO	NFIL	JENTIA	HES FACILITY (CLOS LIBERAL,	EST TO V	/ELL'S	
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Evans, J 21							Ħ				o	<u> </u>	
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	1830								PRETRIP	SAFETY MEE	TING		
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	0329		+			3300	$\vdash$				G/I O	AD TOP PLUG	·
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	0339	5.0	$\dashv$	27.0		200		-		D CEMENT		<del> </del>	
	0343	5.5	_	45.0		250			PUMP TAI			· <u>-</u>	
	0358									TOP PLUG			
	0400	6.0		120.5		200//500			START DIS	PLACEMENT			
	0421	2.0		110.0		550	<u> </u>		SLOW RAT	re			
	0425	2.0	┸	120.5		<b>573//130</b> 0			BUMP PLU	IG	_		
	0426					1300//0			RELEASE	PSI//FLOAT H	ELD//E	ND JOB	
			_								_		
	2.22		_									<del></del>	
	0430		+				<u> </u>		RIG DOWN	SAFETY ME	TING	<del></del>	
	0435							-	RIG DOWN	·			
	0500		_							EQUIPMENT			
	_0530		+				_		PRETRIP S	AFETY MEET	<u>ING</u>	<u> </u>	
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	-		+						LYNDON A	HD CKEAA		<u> </u>	<del>2880</del>
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(From Confidential)

### **Work Order Contract**



Halliburton Energy Services, Inc. Houston, Texas 77056 ORIGINAL

1867115

170012 SAP

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BEEOW AND DELIVER AND SELL PROPERTY OF SERVICING.

	CTS, SUPPLIES AND WATE	RIALS FOR THE PURPOSE OF	SERVICING:		14K (f	٦,	-
Well No.	Farm or Lease	County	State	Well Permit Number	2.55	0 E	_
	HENTSCHEL	MORTON	Ks		ALIC 2	,	·//
Customer		Well Owner	Job Purpose		MUU Z		400.5
OXY USA		OXY USA	Cement F	Production Casing			

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services; Ind.

(hereinafter "Halliburton").

- B. PRICE AND PAYMENT The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materiels. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account. Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and count costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.
- C. RELEASE AND INDEMNITY Customer agrees to <u>RELEASE</u> Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to <u>DEFEND, INDEMNIFY, AND HOLD</u> Halliburton Group <u>HARMLESS</u> from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity, and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Maliburton Group, the unscaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Haliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warm of such defect. "Haliburton Group" is defined as Haliburton Energy Services, Inc., its parent, subsidiary, and efficient companies, insurers and subcontractors and all its/their officers, directors, employees, consultants and agents. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS, obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Haliburton Group, Customer, any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Haliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

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- D. EQUIPMENT LIABILITY Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents,
- E. LIMITED WARRANTY Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use or any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of vertable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO

GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP, Halliburton

personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL,

INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION. even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by

third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

- materials are delivered.
  G. DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three
- o. DISPOTE RESOLUTION Customer and Halliburion agree that any dispute that may arise out of the performance of this Contract shell be resolved by binding arbitration by a panel of three arbitrators under the national properties of the American Arbitration Association. The arbitration will take place in Houston, TX.
- H. SEVERABILITY If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable.

  Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.
- L MODIFICATIONS Customer agrees that Italliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President Legal, 4100 Clinton Drive, Houston, TX. 77020.

I HAVE READ AND UNDER	STAND THIS WORK ORDER CONTRACT WHICH	CONTAINS RELE	EASE AND INDEMNITY LANGUAGE WHICH	
CUSTOMER ACKNOWLED	GES IS CONSPICUOUS AND AFFORDS FAIR ANI	D ADEQUATE NO	TICE AND I REPRESENT THAT I AM AUTHO	DRIZED
TO SIGN THE SAME AS CU	JSTOMER'S AGEN∰.			
SIGNED:	/IM. WAV	DATE:	05/17/02 TIME:	2300
	CUSTOMER\Authorized Signatory	_		
Customer Acceptance of N	lateriels and Services U			<b>川原順副制尼</b>
	BY ACKNOWLEDGES RECEIPT OF THE ICES DESCRIBED ON THE ATTACHED		MM. W	NOA n p SAC3
				<del>- Fio</del> m
ORDER NUMBER	1867115		CUSTOMER Authorized Signatory	#_n@940



WATER-BASED MUD REPORT No.10

Date

5/18/02 Depth/TVD 5100 ft / ft

Spud Date Water Depth

Mud Type Activity

Premix CIRC. 5 1/2 CASING

Operator: OXY USA, INC

Report For: Cal Wylie/Gregg Fillpot

Field/Area:

Description: Sec.8-33S-42W

Well Name: AlentschellB31/

AUG 2 2 2002

Location: Morton Co.Kansas Well No.:

Contractor: Murfin Drilling #20 Report For: Rodney Farr

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Report of . Ko					
DRILLING ASS		CASING	MUD VOLUME (bbl)		ATION DATA
Bit Size 7 88 in IFFC EP4975		Surface	Holc		co D375 ·
Nozzles 13 /2x14 / 1/32"		8.625m @ 1436ft (TVD)	290	Pump Size 6 2	(14.in X in
Drill Pipe Size	Length	Intermediate	Active Pits		26 gal/stk gal/stk
4.5 m	4517 ft		300		<i>a</i> ,90%
Drill Pipe Size	Length	Intermediate	, Total Circulating Vol	Flow Rate	
ın	Λ		590	Bottoms Up	
Drill Collar Size	Length	Production or Liner	In Storage	Total Circ Time	
6 m	583 ft			Circulating Pressure	
	MUD PROPE				SED LAST 24 HRS
Sample From		FL@2:00AM	was to a to a	Products	Size Amt
Flow Line Temp	°F	;		DESCO CF	25 LB BG 1
Depth/TVD	ft	5100/			•
Mud Weight	lb/gal	9.2		,	
Funnel Viscosity	s/qt	49	,		
Rheology Temp	°Ě		<b>←</b> ···· •	· •-	
R600/R300		55/31	<del></del> •	• •	
R200/R100	·	<del>.</del>	<del></del>		
R6/R3					RECEIVED
PV	cP	24			
ΥP	lb/100ft²		* · · · ·		AUG 23 2002
10s/10m/30m Gel	1b/100ft²			**************************************	
API Fluid Loss	cc/30 min	7.8			KCC WICHITA
HTHP FL Temp	cc/30 min		- 1		- WOHIIA
Cake API/HTHP	1/32"			•	•
Solids	%Vol	, 6.25			
Oil/Water	%Vol		•		
Sand	%Vol		1	SOLIDS EQUIP	Size Hrs
MBT	lb/bbl	i i i i i i i i i i i i i i i i i i i		SOCIDS EGOIL	. 312E HIS
pH	10/001	8.8	•		
Alkal Mud (Pm)		0.0			•
Pt/Mf		TR/I,I			
					•
Chlorides	mg/l		w. •	,	•
Hardness Ca		80			
1.69.4			·	•	
LCM	ppb	. 2 .			
					•
		· · · · · · · · · · · · · · · · · · ·	i		:
		,			Y SPECIFICATIONS
				Weight	9.0-9 2
		••		Viscosity	45-50
			-	m21	14.00

REMARKS AND TREATMENT

CIRC TO CEMENT CASING.

RÉMARKS

Filtrate

RESERVE PIT CHLORIDE 1,000 PPM

< 10CC