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SEP 18 2001

KCC WICHITA

Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL

Sentember 1990

September 1999

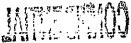
WELL COMPLETION FORM

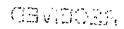
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form Must Be Typed

Operator: License #	5447		API No. 15 - 189-22388-0000
Name:		Inc.	County: Stevens
Address:			
•	Liberal, KS 6	7905	2301 feet from S (N)circle one) Line of Section
	Duke Pipeli		feet from E /W/circle one) Line of Section
	n:Vicki Card		Footages Calculated from Nearest Outside Section Corner:
=	(316) 629-4200		(circle one) NE SE (NW) SW
	Duke Drilling Co., Inc.	rvi a i	Lease Name: Lohrens A Well #: 1
	5929	0FD . ~	Field Name: Un-Named
	Tom Heflin	300 1 / 26	Producing Formation: Morrow
Designate Type of Comp		CONFIDENTI	1
X New Well	Re-Entry	Workover Workover	Total Depth: 6750 Plug Back Total Depth: 6716
— · —	SWDslow _		Amount of Surface Pipe Set and Cemented atfee
Dry	Other (Core WSW Expl. Ca	thodic etRELEA	Multiple Stage Cementing Collar Used? Yes No If yes, show depth set 3194
If Workover/Re-entry: OI		inodio, oto, iii	and Alternate II completion, cement circulated from
Operator:		OCT 0 7	2002 If Alternate II completion, cement circulated from sx cmt
Well Name:			
Presidente.		EDOM CONFI	DENTIA Fluid Management Plan
Original Comp. Date:	Original Total De	• •	(Data must be collected from the Reserve Pit)
	Re-perf	-	Chloride content 2100 ppm Fluid volume 12000 bbl
	No poin Plug Bac		Dewatering method used <u>Evaporation</u>
Commingled			Location of fluid disposal if hauled offsite:
Dual Completion			Operator Name:
	Enhr.?) Docket No		Lease Name: License No.:
06/20/01		07/15/01	Quarter Sec Twp,S. R East 🛛 We
Spud Date or	<u> </u>	Completion Date or	County: Docket No.:
Recompletion Date		Recompletion Date	Docks No.
Kansas 6702, within 120 Information of side two of 107 for confidentiality in 6	days of the spud date, reco f this form will be held confid excess of 12 months). One	impletion, workover or o dential for a period of 12 copy of all wireline logs	ne Kansas Corporation Commission, 130 S. Market – Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-130) and geologist well report shall be attached with this form. ALL slugged wells. Submit CP-111 form with all temporarily abandoned wells.
•	tatutes, rules and regulations		te the oil and gas industry have been fully complied with and the statemen
Signature: <u>Vida</u>	Carde		KCC Office Use Only
Title: Capital Projects	Date Senter	mber 17, 2001	Letter of Confidentiality Attached
	1716	Λ ,	If Denied, Yes Date:
Subscribed and sworn to	before me this _ / /	day of <u>Deptember</u>	Wireline Log Received
²⁰ 01	$\langle \rho \rangle = \langle \rho \rangle = \langle \rho \rangle$) . a La	Geologist Report Received
Notary Public:	Ste 7 70	werch	
Date Commission Expire	s: <u>Septembre !</u>	5,2002	UIC Distribution
/	NOTARY PUBLIC - ST KATHLEEN R. I My Appt. Exp. 9	POULTON	

X





	Al	190		S	Side Two			tone a :	American s
Operator Name:	: /* \ ∀ OX\	/ USA, Inc.			Lease Name:	:Lohre	ns A	1004	1
Sec. 7 Tv				ast 🔲 West	County:		Stevens	Well#: ATHONY:	וגככ
Instructions: Show time tool open and c fluid recovery, and fl Wireline Logs survey	important tops at losed, flowing an ow rates if gas to	nd base of d shut-in pr surface tes	formation: essures, st, along v	s penetrated. [whether shut-ir with final chart(s	Detail all cores, n pressure reach	Report all final ded static level, l	copies of drill hydrostatic pr	essures, bottom l	nole temperature,
Drill Stem Tests Tak		⊠ Yes	□No	-	⊠ Log	Formation (Top	o), Depth and	Datum	Sample
Samples Sent to Ge	·	⊠ Yes	□ No		Name Heebner	<u> </u>		Top 4268	Datum -1230
Cores Taken		Yes	— ⊠ No		Lansing	!		4385	-1353
Electric Log Run		⊠ Yes	☐ No	•	f Marmaton	SEP		4794	-1762
List All E. Logs Run:	Neutron	:	Gamma	Ray	Charakaa	. Ben cr		5528	-2496
Induction	MiniLog			cal Report	Morrow	MOO		5821	-2789
·	•			•	Chester			6157	-3125
					Ste Genevie	ve		6430	-3398
					St. Louis			6571	-3539
		_		SING RECORD		Used		_ 	-
Purpose of String	Size Hole	Repor Size Ca		s set-conductor, s Weight	urface, intermediat Setting	e, production, etc	# Sacks		nd Percent
Conductor	Drilled .	Set(in.	O.D.)	Lbs./ft.	Depth	Cement C	<u>Used</u>	Ado	ditives
Surface	12 1/4	8 5/8		24	1695	C .	750	2% CC, 1/8# Poly	_ /Flake
Production	7 7/8	5 1/2	•	15.5	6728	С	220	4# CalSeal, 5# G	
			ADDITIO	MAL CEMENTI	NG / SQUEEZE	RECORD		10% Salt, .5%_Ha	llad-322
Purpose;	Depth Top Bottom		e of ment	#Sacks Use	d		pe and Perce	nt Additives	
Perforate Protect Casing	2500-3199		C ·	75	2% CC 1/8	3# PolyFlake (P	ort Collar)		
Plug Back TD	2000-3199	-		 	2/8 00, 1/0	JF 1 Oly1 lake (I	ort Collai)		
X_ Plug off Zone								<u></u>	
Shots Per Foot	PERFORATION Specify Foo	N RECORD - tage of Each					e, Shot, Cemen t and Kind of M	t Squeeze Record aterial Used)	Depth
3	•	6148-6	156		1000 Gals	17% FE Acid			
					15000 Gals	Delta, 1000 G	als Linear Gel	, 20800# 20/40	
		-			Ottawa Sar	nd		•	
-									
TUBING RECORD	Size 2 3/8	Set At 6150	Pa	cker At	Liner Run	☐ Yes	⊠ No	d) ,	'
Date of First, Resumed			Producin	g Method	L	1 169	EZI 140	_	
08/08/		,	rioducin	=	lowing D Pum	nping 🔲 G	as Lift 🔲 C	ther (Explain)	_
Estimated Production	Oil BBL	5		Gas Mcf		r Bbls	Gas-C	il Ratio	Gravity
	0			103		2	<u>. </u>		
Disposition of Gas				F COMPLETIC		_		ction Interval	
	Sold [] ed, Submit ACO-		ease	☐ Open	_	. Dually 0	Comp. 🔲 C	commingled	<u>6148-6156</u>
				☐ Other	(Specify)				
							7.1		

HALLIBURTON	JC	OB SUM	MA				1	1384			(07/03/01	
NORTH AMERICA LAND		USA				JENIA	L	KS / STATE		ŝ	EVENS		
MCLIO103 106304		TYCE DAVIS	3					Cementin	g Servic	es			
LIBERAL KS		OXY-USA		•				CUSTOMER REP / F	HONE		TTEN 62	9-3630	
**************************************		WELL TYPE 01					•	15-189-22					
MELLICATION LAND NW LIBERAL		DEPARTMENT	CEM	CNT		-		540 0000 NUMBER 7523	R De	scriptio	on ont Brodi	iction Ca	cina
EASE NAME	Well No.	SEC / TWP / IONG	CEIVI					HES FACELITY (CLC	MENT TO WELL	SUE)	siii Pioqi	ICHOIT CE	sing
LOHRENS HES BAP NAME / BAP # / (EXPOSURE HOURS)	A-1	7-34-35			HRS			LIBERAL	NO .	3			HRS
Davis, T 106304	10.0	- 			Ī					1	·		
Miller, A 128452 Schawo, N 222552	10.0		· · · ·		-+	K	0			+	<u> </u>	-	
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Form. Name	Type:			<u></u>					- '-	===	· · · · ·		
Form. Thickness Packer Type	From Set At	To	ַם	ate	Calk	ed Out 7/3/01	-	On Locatio	n Jo		rarted 7/3/01	100 C	mpleted //3/01
Bottom Hole Temp. Retainer Depth	Pressu Total D	Vanith		ime I		0230		0430]	1:	245	14	100
Tools and	According							AT VIEW			e de la compa	# W// // C	COLUMN 3
Type and Size Float Collar INSERT	Qty	Make HOWCO	C	asing	<u>.</u>	New/Use	× 0	Weight 15.5	5 1/2	e	From 0	70 6,728	Max. Allow
Float Shoe FILL TUBE Centralizers 6FM&12REG		IOWCO		ner ner				;		1			
Top Plug 5W	1 1	HOWCO		ubing						土	<u>:</u>		
HEAD PC		HOWCO	밁	nii Pic pen i	lole			<u> </u>		+			Shots/Ft.
Weld-A	1 1	łowco	P	eriora	ชื่อกร		-			土	<u> </u>		Onough L
Guide Shoe REG BTM PLUG 5W	1 1 1	IOWCO	l P	eriora eriora	tions	3		· ·	•	\pm	<u></u>	<u> </u>	
Mud Type	Density	Lb/Ga		Date	o nil.	Ocation ** Hours		Operating Date	Hours	\$1	Descrip	en of Job	南西州州
Disp. Fluid Prop. Type Si	Density	Lb/Gal	ΙF	7/3	\exists			7/3		7			
Prop. Type Si	ze	<u>ъ</u>		限巨		ASED		REC	EIVE	其			
Acid Type Ga	al	% ———	ΙĿ	·				1/1		4	CEMEN	5 1/2 LS	
Surfactant Ga NE Agent Ga		_in	I .	UL I	-41	7. 2002		SFP	1 8 20	П			
Fluid Loss Ga	aVLb				\Box		ı a b			4			
Fric. Red. Ga	al/Lb	ln				FIDENT	A	1,00	VICHIT	4			
BreakerGa	aVLb GaVLb			otal 🔅	¥ \$			Total					1
Perfpac Balls	Qty.		[rdere	d			Avail.	Horsepo	wet.	្យ Use	d .	
Other Other			1	reatin				Average Disp	Rates in E	PM	Overall	-	
Other			lΓ	<i></i>		<u> </u>		Cement	Lettin P	D 0 19	ği -		 _
Other		<u> </u>	J F	<u>eet_</u>	44			Reason			SHOE	JOINT	
						TOP FEE	115	e e comine	e o les se				
Stage Sacks Cement 1 220 PREM 50/50	Bulk/Sks Bulk	4# CALSEAL.5		dditive ONITE		SALT.5%	HA	LAD -322			W/Rq. 6.55		Lbs/Gal 13.80
1 25 PREM 50/50	BULK	SAME AS ABO								_	6.55	1.49	13.8
		<u> </u>							 _		<u> </u>	<u> </u>	<u> </u>
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Breakdown	MAXIN	MUM			_	Load & Bkg	dn:	Gal - BBI			Pad:Bbl	-Gal	
Average	Frac. (Gradient		-		Treatment:		Gal - BBl			— □Disp:Bb	, ⊑	159
Shut in: Instant	5 Min.	15	Min_			Cement Sit	μПу	BBI .	58.0 247. 0		6.5	<u>ΤΟ Ρίυ</u>	G
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CUSTOMER REPRE	SENTATIN	/E						SIGNATURE	·				

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	LIBURTO	ON				LOG			1384794	07/03/01
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MCLIO103				HES EMP					PSL DEPARTMENT Cementing Sen	
LOCATION LIBERAL K				COMPANY		OXY-U	ISA ·		CUSTOMER REP / PHONE JAKE	SLATTEN 629-3630
\$10,058.5				WELL TYP	E	• 01		,	15-189-22388	
MELL LOCATION LAND NW	<u>-</u>	1		CEME					JOB PURPOSE CODE	nt Production Casing
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HES END WATEREND I (E)	POBLINE HOURS)			SIP INVESTIG		É HOURE)	HRS ES EIP IA	EEE de de de		SS PED EMP HAME/EMP # (EXPOSURE HOURS) HRS
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 	1255	5.5	+	10.0		300 300		PUMP H2	D PER FLUSH	FROM CONFIDENTIAL
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	1309		\perp				·		WN DROP PLUG A	
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ILIBURTON RIGINAL

Work Order Contract

1384794

Halliburton Energy Services, Inc Houston, Texas 77056

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 DRODUCTS, SUDDIUGO AND MATERIALS FOR THE DURBOSE OF SERVICING.

11000	O 10, GOLLETO VIAD III	AILIWED I OK III	ET ON OCE OF OCIVAL	<u> </u>			
Well No.	Farm or Lease		County		State	Well Permit Number	
A-1	LOHRENS		STEVENS	_ ,	KS	15-189-22	388
Customer	,	Well Owner			Job Purpose	· · · · · · · · · · · · · · · · · · ·	
OXY-USA		OXY-USA			Cement Pr	oduction Casing	
		THIS WORK	ORDER MUST BE SIGNED	BEFORE WORK	IS COMMENCED	<u> </u>	

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

- PRICE AND PAYMENT The services, equipment, products, and/or meterials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of Izoss. 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 unpeid 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 egrees to pey attorney fees of 20% of the unpeig account, or Halibburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer effects that the amount of attorney fees set out herein are recsonable and necessary.
- RELEASE AND INDEBINITY Customer agrees to RELEASE Hadicurton Group from any and all liability for any and all demages whatsoever to property of any kind owned by, in the possession of, or lessed by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interes owners or joint ventures with Customer. Customer also agrees to DEFEND, RICEMBRY, AND HOLD Haliburton Group HARMLESS from and against any and all liability, cizims, costs, expenses, ettorney fees and damages whatsoever for personal injury, filness, death, property damage and lose resulting from:

CONFIDENTIAL

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground demane, including loss of oil, gas, other mi substances or water, surface damage arising from underground damage, demage to or loss of the well bory, subsurface traspass or any action in the nature theroof; fire: explosion; subsurface pressure; redicectivity; and pollution and contembation and its cleanup and control.

CUSTOMER'S RELEASE, DEFENCE, INDERSITY AND HOLD HARSE ESS children will spoly over if the be o regigence, final, or egict liability of one or more members of the Haliburton Group, the uncommittees of gry vessel or any defect in the data, products, supplies risis or equipment furnished by any member or members of the Hallburton Group whether in the dealph, i ing thereof or from a follow in n of such defect. "Nellburgon Group" is defined as Hellburton linergy Berviose, but., its payent, subsidiary, and all Some, directors, employees, expeditatio and aports, <u>Controys's RTLEASE, (STREET, MONERTY MED HOLD HARTS ESS</u> etilipature apply whether the pa irpay, Bress, dech, property demage or loss to suffered by one or more members of the Hellburten Group, Custianer, or any other person or ordry. Customer acress to support me Hellieston Group as named additional insurade on all of its each obligations assessed havely with liability insurance with limits of not less than \$572.000. Contours across to re rel Rabilly policyte). Custoser agrees that to Babilly under this Coveract is not limited by the accounts of its begunning coverage, accopt where end as they be required by sable local law for the provisions of this Contract to be enforceable.

RECEIVED 'SEP 1 8 2001 KCC WICHITA

- EQUIPMENT LIABILITY Customer shell 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 Hallburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Hallburton'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 leading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrassion due to well effluents.
- LIMITED WARRANTY Habiburton 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. HARDLINGS sole Embility and Customer's exclusive remady 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 Halisburton or, at Halisburton's option, to the allowance to Customer of credit for the cost of such items, in no event shall Halisburton be liable for special, incidental, indirect, consequential, or puritive 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 ECUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP, HARIBURTON 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 velidity, 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
- 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.
- 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 effect 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 Haliburton 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.
- MODIFICATIONS Customer agrees that failiburton shell not be bound by any modifications to this Contract, except where such modification is made in writing by a duty 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.

1384794

ORDER NUMBER

SIGNED: CUSTOMER Authorized Signatory	DATE:	7-3-01 TIME: 0730	
Customer Acceptance of Materiels and Services			
THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED		FROM CONFIDENTIAL	

CUSTOMER Authorized Signatory

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North America	a		on tinen	, F	,	BDA,	A/STATE		्र २ (४०) (क्रिक्र	S CUT'S	
ABU ID / EMP #		EMPLOYEE NAME	F .			PSL'	DEPARTMENT	<u></u>	* * *		The same
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Work Order Contract

Halliburton Energy Services, Inc.

Order Number

Houston Texas 77056 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 BELOW AND DELIVER AND SELL

THODUCIS, SUFFLIES AND WATERIALS	FUR THE PURPOSE OF SERVICING:	<u>连毛的一种一种种的人们的种种的种种的种种的种种种种种种种种种种种种种种种种种种种种种</u>
Well No. Farm or Lease	THE PERSON OF COUNTY WAS ASSESSED.	State Well Permit # State Stat
A-I Lokiens	County	- KS 15 189-12388
Customer (**)	Well Owner	
Ovy VISA		Port Glar
THIS WORK	ORDER MUST BE SIGNED BEFORE WORK	S 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.

B. PRICE AND PAYMENT. The sorvices, equipment, products, and/or materials to be supplied hereunder are priced in eccurdance with Hallburton's current price Est. All prices are exclusive of taxes. If Customer does not have an approved open account with Hallburton, all sums due are payable in cash at the time of performance of activities or delivery of equipment. products or materials. If Customer has an approved open account, invoices are payable on the twentleth day after the date of invoice. Customer agrees to pay interest on any impaid became from the date payable until peld at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Heliburton employs an attorney for collection of any account. Customer agrees to pay attorney fees of 20% of the unpaid account, or Hallburton's actual attorneys fees, whichever is practer, pass 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 ogrees to RELEASE Halliburton Group from any and all liability for any and all damages whatscover to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the oblity to bind by contract or which are co-intended 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:

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 Halliburton 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 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 Energy Services, 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 apply, whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton 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 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.

EQUIPMENT LIABILITY - Customer thall 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 Contomer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Castomer 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 hability to Halliburton Group. Customer shall be responsible for damage to or less of Halliburton group equipment, products, and materials while in transit abourt 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 correction or abrasion due to well efficients. E.

LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contenet and that tame 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 of 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, consequ 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 G.

DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract thall be resolved by binding arbitration by a panel of three arbitrators under the rules of 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 Haffiburton 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.

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

HAVE READ AN CUSTOMER ACK TO SIGN THE SA	ND UNDERSTAND T NOWLEDGES IS CO .ME AS CUSTOMER'	THIS WORK NSPICUOUS A S AGENT.	ORDER CONTRACT AND AFFORDS FAIR	WHICH CONTA AND ADEQUATE	INS RELEASE	AND INDEMNITY	Language Which T I am Authorized
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SIGNED:	- Duil V	╵ ┖┤┤ ╵╱ ┞┈	ノーソスピルリーは開発
	CUSTOMER Authorized Signatory		

A.M./P.M.

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE LIVED

MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER

<u>CONFIDENTIA</u>

White-Office

THAT Field Office KCC

Pink-Customer

Green-Retain

HALLIBURTON	JC	OB SUM	WA'R	MAF		SALES ORDER N	59561	TICKET DATE	06/21/0	1
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Work Order Contract

Halliburton Energy Services, Inc. ONFIDENTIA Houston, Texas 77056

1359561

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:

		State	Well Permit Number						
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tomer	Well Owner	Job Purpose		T	R	Π	51	$\mathbf{\Lambda}$	7/
XY USA	OXY USA	Cement Su	ırface Casing		1 /	1	71	ΙV	H

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 effer 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 that the amount of attorney fees set out herein are reasonable and necessary.
- C. RELEASE AND INDEMNITY Customer agrees to RELEASE Halliburton Group from any and all Hability 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 analyst any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, lilness, death, property damage and loss resulting from:

SEP 1 7 2001

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 CONFIDENTIAL 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, INDEMSTLY AND HOLD HARMLESS obligations will apply oven if the Sabery and claims are caused by the colo, concurrent, activ passive negligence, fault, or strict liability of one or more members of the Haliburton Group, the unseemorthiness of any vessel or any defect in the data, products, supplies, materials or equipment flamished by any member or members of the Haliburton Group whether in the design, manufacture, meinteneance or marketing thereof or from a failure to m of such defect. "Habburton Group" is defined as Habburton Energy Services, Inc., is parent, subsidiary, and affiliated companies, insurers and subcontractors and all itertriels officers, directors, employees, consultants and agents. <u>Customer's RELEASE, DEFENSE, INDERNITY AND HOLD HARMLESS</u> obligations apply whether the personal injury, limes, death, property damage or lose is suffered by one or more members of the Hallburton Group, Customer, or any other person or entity. Customer egrees to supp such obligations essumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halbburton Group as named additional insureds on all of its general Bability policy(s). Customer agrees that he liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by ann@cobin incel law for the provisions of this Contract to be enforceble.

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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 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 atl at no risk or liability to Haltiburton 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 - Haltiburton 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, lort, 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 Haltiburton Group shall not be liable for and CUSTOMER SHALL

INDEMNIFY HALLIBURYON GROUP AGAINST ANY DAMAGES ARISING FROM TIJE 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
- 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.
- 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.
- MODIFICATIONS Customer agrees that fialliburton 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 Hamburton, Requests for modifications should be directed to the vice i resident - Edgar, 410				
I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CO	ONTAINS RE	LEASE AND INDEM	NITY LANGUAGE WHICH	
CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND A	DEQUATE N	IOTICE AND I REPR	ESENT THAT PAM AUTHORIZED	
TO SIGN THE SAME AS CUSTOMER'S AGENT. SIGNED:	DATE:	6-21-01	OCT 0 7 2002	
CUSTOMER Authorized Signatory Customer Acceptance of Materiels and Services			FROM CONFIDENTIAL	
THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 1359561		M. M.	R Authorized Signatory	