	STATE CORPORATION COMMISSION OF KANSAS QLL & GAS CONSERVATION DIVISION	API NO. 15. 051-24857 24 841-00-00
* *	ACO-1 WELL HISTORY	County
	DESCRIPTION OF MELL AND LEASE	
	5259	990' Feet from S/N (circle one) Line of Section
`	Mai Oil Operations, Inc.	1980' Feet from E/V (circle pne) bine of Section
	P.O. Box 33	Footeges Calculated from Mearast Dutalde Sestion Corner:
. «	and the second s	Lease Mass Richards Mall 4
/s	Russell, KS 67665	Mendota
urchaser.	***	Producing Formation Arbuckel
perster	Contact Person Allen Bangert	Elevation: Ground 2039' 2044'
	Phone (913) 483-2169	Total Dapth 3730' Para
Contracti	Vonfeldt Drilling Company	
- I	9431	Amount of Surface Pipe Set and Comented at 216'
olleite	toologist:	Multiple Stage Comenting Coller Vend?
es ignati	Type of Completion	If yes, show depth set
	X New Well Ro-Entry Werkeyer	If Alternate II completion, coment circulated from 1490
<u>X</u>	OIL SUB SIGN Tomp. Abd.	feet depth to surface w/ 300 ex en
	Bry Other (Gare, WM, Ampl., Cathodia, etc	o) Drilling Fluid Hanagement Plan ALT 2 27 12-22-93
f Worker	ver/Re-Entry: eld well-einfesse fellever	(Date must be sellening from the Reserve Fit)
	Operations The Property of the Control of the Contr	Shieride content 36,000 per fluid volume 300
	told dimery	severence settled used Lefit, to dry
	A Sear to make the search of t	
	icop. NateOld Total lott	Location of fluid-disposal if houses effects
	Plug Back PATS	Operator Name
	Commingted Perket No.	Leane Home Lisanee No.
	Other (SWB or Inj?) Docket No.	Curetae See
8/2/9		
ipud Date	n Rate Resphed TD Completion Date	County

RITA M OLENNEY

Notary Public - State of Kensas

My Appt. Exp (2-17-75

K.G.C. OFFICE USE ONLY
Letter by Confidentialist Attached
Wireline Legitalist Report Received
LI-5-1993 NOV 0 5 1993
Distribution
KCC SMD/Rep MSPA
KGS WineERVATION DIVORNAY
Wichits, KESpecify)

Form AGQ-1 (7-91)

ILL Stom Toots Taken (Attack Additional		X C	□ kee	formet (e	n (Tep). Boptb a	rd Cotume	Z Sample
mples Sent \$8 Sector res Taken ectric Leg Run (Submit Copy.)	isal Survey	□ y ₀₀ □ n ₀	ANHYDE TOPEKA HEEBNE TORONT LKC	I ER	1501 3079 3283 3303 3322		543 ±1035 ±1 239 -1259 -1278
DUAL INDUCTIO DENSITY	N, COMPP	ENSATED NEUT		OMERATE ON	3540 3575 360 ¹ 363 ¹ 3641) - -	-1502 -1531 -1560 -1574 -1597
A	Annert el	CARING BREGRE L strings set-sends		ed sorandiate,	production, oto	4	
furpose of String	Size Hele	fire Casing Set (In G.D.)	Weight Lhn./Ft.	Setting Depth	Type of General	# Seeke Veed	Type and Parcel Additives
SURFACE	727	8 5/8	28	216	20-40P07	:c160	
PRODUCTION	7 7/8	5 1		3728	60-40P0Z	200	2%gel.1#17
4 av		ADDITIONA	L CEMENTING/SOUR		The second secon	100,000	
Purpose:	Depth	The second second		A THE PROPERTY OF	Type and Percent		şa gətəriş
Perferate Pretest Casing Plug Back TB Plug Off Zano	surface 1490	Type of Secont 60-40 noz	300				
	PERFORATION	nacons - Bridge Pi pe of Each Interval	uga Bet/Type-		Fracture, Shet, nd Kind of Hater		
Shots Per Feet	3666-69	O OL TORN THIS CAN		and the second			
	3647-50	4	,	1	al HCI.		
1	3647-44		- Angel	500 ga	al hel		
	Name and Publisher of the Contract of the Cont					100	
TUBLES SECOND	2 7/8	3670	Pagker At	Liner Run	O' 700 O	Ng j	4
Doco of First, Masu	And the second residence of the last of th		ducing Hothed C	lewing 2,	umping 🖸 Sea L	115 🗆 .	ther (Explain)
9-5-93		Bbls. 600	Hef Vate	r Sblo	. Gas-Oil	Batta	Sravit:



TICKET CONTINUATION 15-05-1- 24841-00

	ENERGY SERVIC	ES										
FORM 1911 R-8					CUSTOMER Mai Operations	WELL R-f	chard		8-24-93	PAGE	E OF	•
PRICE	SECONDARY REFERENCE/		CCOUNTIN	IG TIM		1	WEEGH W			U/N V MP V . 3 300	- 35 to 100	7 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
REFERENCE	PART NUMBER	LOC	ACCT	DF 1 IM		оту.	U/M	QTY. U/M	UNIT PRICE		AMOUNT	100
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- 00000	4					7		2	T	10 g	- Cooping	, T
504-136	and the second of the second o	1		В	40/60 Pozmix Cement	100	1	. 1	; ;	55	555	<u> </u>
	Nana de la companya d	+-	 , 	129	40) 00 TOZHILA GEHERIL	100	Ī			<u> UU</u>	S 223	1
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507-210	890.50071	1	-	В	Flocele Blended W/ 200HLC	25	1b	1	1		35	10
510-322	516.00051	2	गर्र	В	Sand 20/40 Brady on sideq	2	+		9 '	30	18	6
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500-207		1	<u> </u>	В	MILEAGE TOTAL WEIGHT LOADED MILES CHARGE 26,825 33	TON MILES	310		1		387	
500-306	5.7.	1		B	MILEAGE TOTAL WEIGHT LOADED MILES 33		442.6	13	1	85	376	2:

15-05 - 24841-00-0	CHANGE 10:	, '		***		СОР	Υ	TICK	(ET
HALLIBURTON ENERGY SERVICES	ADDRESS	Ope	ration	5	- · · · · · · · · · · · · · · · · · · ·		· N	o. 51	L2256 - 8
FORM 1906 R-12	CITY, STATE,						===:	PAGE	1 0 2
SERVICE LOCATIONS 1. // Cus // Cas D35535 TICKET TYPE NIT SERVICE JOE	A CONT	RACTOR	6	COUNTY/PARISH	VIA	DELIVERED TO		ORDER NO.	Som Services
3. SALES WELL TYPE	Ø NO K SI	LL CATEGORY	JOB PU 195	PROSE JULIUS	CT CT	WELL PERMIT NO.	The second	WELL LOCATION	
PRICE SECONDARY REFERENCE	1		Flock	2/ JOGSK	HIC W/K	GTY, UM	, ` <u>`</u>	U/M PRICE	AMOUNT
REFERENCE PART NUMBER	LOC AGO!	UT S	MILEAGE A	n Topls		23 m	1		45 47 85
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LEGAL TERMS: Customer hereby and agrees to the terms and condit reverse side hereof which include, but a	ions on the	TYPE LOCK	La i Olice Contra	AS: RETURN PULLED DEPTH	RUN SURVI	PERFORMED	REE DECIDED	AGREE PAGE TOTA	il
to, PAYMENT, RELEASE, INDEN LIMITED WARRANTY provisions.				SPACERS CASING PRESSURE	WE UNDERSTOO MET YOUR NEED OUR SERVICE W PERFORMED WIT	AS		FROM CONTINUATI PAGE(S)	ON 27170
DATE SIGNED TIME SIGNED	A.M.	TUBING SIZE	·		WE OPERATED T AND PERFORME CALCULATIONS SATISFACTORILY	HE EQUIPMENT D JOB	· ·		
8-23-93 12:15	P.M.	TREE CONNE	CTION 1	TYPE VALVE		IED WITH OUR SERVI	□ NO	SUB-TOTA APPLICABLE TA WILL BE ADDI ON INVOICE	XES
	ANCE OF MAT CUSTOMER OR CU					ot of the materials EM	and services	listed on this ticket. HALLIBURTON APPROVA	L

TERMS AND CONDITIONS

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

- 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.
- 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 materials. 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, plus all collection and court costs.
- C. 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. 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 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 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, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, 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 AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

- D. EQUIPMENT LIABILITY Customer shall at its risk and expense attempt to recover any Halliburton 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. Customer shall be responsible for damage to or loss of Halliburton 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 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 agreement and that same are free from defects in workmanship and materials for one year from 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, 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. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton 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 by Halliburton's negligence or fault. 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 agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.
- G. WAIVER Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.
- H. MODIFICATIONS Customer agrees that Halliburton shall not be bound by any modifications to this agreement, 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, 5151 San Felipe, Houston, Texas 77056.

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	HALLIBURTON
	ENERGY SERVICES

15-051-24841-00-00

JOB LOG FORM 2013 R-3 WELL NO. VOLUME (BBL) (GAL) DESCRIPTION OF OPERATION AND MATERIALS 0830 1145 4.76 50 H STAFE GOINP SERVATORY DIVISION 228Ks 116 ks

		JOB		ALLIBURTON _	71) d	1 90 17	W. 3 6 16	*	15	ノン ノー	24841-0
HALLIBUR ENERGY SERV	TON SL	JMMAR	Q1 A	IALLIBURTON _	Hey	K	Mary Engl	i Call	BILL TICH	ED ON KET NO.	11251
				WE	LL DATA	ı	39 4 9				1
ELD			SEC.	TWP	RNG		COUNTY	Ellis		STATE _	XIII
ORMATION NAME	111 35	TYPE				NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PS ALLOWABLE
ORMATION THICKNESS	FF	ROM	то		CASING	l.		pu of t	0		15 17 17 17 18
NITIAL PROD: OIL	BPD. WATER	BPD. GA		MCFD	LINER	, ,					- , () · , · · ·
RESENT PROD: OIL	BPD. WATER	BPD. G/	•	MCFD	TUBING	11.	. X +1 * *	2 1/2 :	13		
OMPLETION DATE	MUD TYPE		MUD WT	MCI D	OPEN HOLE		,		.,,	** *	SHOTS/FT.
	MOD TYPE			***************************************	PERFORATION	ONS	······································	-,,	1450		1
ACKER TYPE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SET AT			PERFORATION	ONS		<u> </u>			***
OTTOM HOLE TEMP.	0.51	PRESSURE			PERFORATION	ONS	 		1		
		TOTAL D	EPTH	JOB	DATA CALLED OU	l	ON LOCA	TION	JOB STARTED		OB COMPLETED
	TOOLS AND ACC		-		· ·						
TYPE AND SE	ŻE	QTY.	M	AKE	DATE	Ť., **	DATE	`*k'√ ``!	DATE 70 00	· \$\$. [DATES 24 /
LOAT COLLAR				1	TIME	36	TIME //	200	TIME / 3:3	<u>/</u>	IME / SO
LOAT SHOE			*	*			PERS	ONNEL AN	D SERVICE U	NITS	
UIDE SHOE		, ,		• •		: 1	NAME	: · ·	UNIT NO. &	ГҮРЕ	LOCATION
ENTRALIZERS	17 × 17 7		,		(Ro	z.k.	<i>f</i>		fint.	<i>i</i> [<i>i</i>]	
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REAT. FLUID		DENSITY	* .	_ LB/GALAPI	Care	Bli	4. 19		51752		
ISPL. FLUID		DENSITY	-	LB/GALAPI		<u> </u>		***************************************			
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ROP. TYPE	SIZE		LB	1] -		
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URFACTANT TYPE	GAI		IN		DEPARTMEN		0 -	1.001	,		
E AGENT TYPE	GÀI	L	IN		DESCRIPTION	N OF JOE	Kun 5	3 K. E. F			
LUID LOSS ADD. TYPE	GAL	LB	IN	•				,			
ELLING AGENT TYPE	GAL	LB	IN								
RIC, RED. AGENT TYPE	GAL	LB	IN	***************************************	***************************************		·				
REAKER TYPE	GAL	LB	IN		JOB DONE T	HRU: T	UBING 🔲	CA	SING 🔲	ANNULUS [TBG:/ANN.
LOCKING AGENT TYPE		G/	ALLB.		i	•	. /M.	U Clar	A Francisco	()	Jan Ja - myster
ERFPAC BALLS TYPE		Q	TY	·	CUSTOMER REPRESENT	ATIVE X		SU	77 C	SAA.	e got of
THER	,						The same of the sa	13 12	\r	~ ex. den.	17
	Elvid-	for the first			HALLIBURTO OPERATOR_	N	Kn F.	Boils	442	COPIES /	TED:
THER J. T. S. P. S. E.		30. \$		CEMEN	IT DATA	7		The same of the sa	p.f	E VEGOES (
THER 130 1 5	7 7		T = T	4	a.	***************************************	TIVES.			YIELD	MIXED
STACE NUMBER	CEMENT	BRAND	BULK			ADDI	IIVES .				
7 /	CEMENT	BRAND	BULK SACKED	· · · · · ·	a marketing and the state of th	ADDI	Cavil			CŲ.FT./s	SK. LBS:/GAL.
STACE NUMBER	CEMENT	BRAND	BULK SACKED	1/2 de F1	is also	ADDI	TIVES			CO.F1./s	SK. LBS:/GAL.
STAGE NUMBER OF SACKS	CEMENT	BRAND	BULK	4.1	in the plant	ADDI	TIVES			CO.F178	SK. LBS:/GAL.
STAGE NUMBER OF SACKS	CEMENT	BRAND	BULK	1/3 + F1	in the second	ADDI	TIVES			7.23	SK. LBS:/GAL.
STAGE NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	13/1		ADDI	CC			7/27	SK. LBS//GAL.
STAGE NUMBER OF SACKS	CEMENT Services	BRAND	SACKED	134 f1	in the factor of the same of t	ADDI				CO.F1./8	DR. / LBS//GAL.
STAGE NUMBER OF SACKS	CEMENT	at	SACKED	SUMM	MARY	ADDI	TIVES	VOL	JMES	COLFINS	Sh. LBS/GAL.
STAGE NUMBER OF SACKS	PRESSURES IN F	at	SACKED	SUMM	1.5		<u> </u>	VOL	*	1/25	D. LBS/GAL.
STAGE NUMBER OF SACKS	PRESSURES IN F	PSI ISPLACEMENT	SACKED	SUMM	PRESLUSH: BE	BLGAL.	CC	VOL	TYPE .	1/25	Sh. LBS/GAL
STAGE NUMBER OF SACKS RCULATING REAKDOWN	PRESSURES IN F	PSI ISPLACEMENT_ AXIMUM	SACKED	SUMM	PRESLUSH: BE	BLGAL:		VOL	TYPE PAD	: BBLGAL.	
STAGE NUMBER OF SACKS RCULATING REAKDOWN	PRESSURES IN F	PSI ISPLACEMENT	SACKED	SUMI	PRESLUSH: BE LOAD & BKDN TREATMENT: E	BLGAL: BBLGAL	200	VOL	TYPE PAD	1/25	
STAGE NUMBER OF SACKS RCULATING REAKDOWN	PRESSURES IN F	PSI ISPLACEMENT AXIMUM URE GRADIENT _	SACKED	SUMI	PRESLUSH: BE LOAD & BKDN TREATMENT: E CEMENT SLUR	BLGAL BBLGAL BBLGAL	AL.	VOL	TYPE PAD	: BBLGAL.	
STAGE NUMBER OF SACKS IRCULATING REAKDOWN VERAGE HUT-IN: INSTANT	PRESSURES IN F DI M. FRACT 5-MIN HYDRAULIC HO	PSI ISPLACEMENT AXIMUM URE GRADIENT _	SACKED	SUMI	PRESLUSH: BE LOAD & BKDN TREATMENT: E	BLGAL BBLGAL BBLGAL	AL.		TYPE PAC	BBLGAL.	
STAGE NUMBER OF SACKS IRCULATING REAKDOWN VERAGE HUT-IN: INSTANT	PRESSURES IN F DI M. FRACT 5-MIN HYDRAULIC HO	PSI ISPLACEMENT_ AXIMUM_ TURE GRADIENT_ DRSEPOWER	SACKED	SUMI	PRESLUSH: BE LOAD & BKDN TREATMENT: E CEMENT SLUR	BLGAL BBLGAL BBLGAL	AL.		TYPE PAC	BBLGAL.	
STAGE NUMBER OF SACKS IRCULATING REAKDOWN VERAGE HUT-IN: INSTANT	PRESSURES IN F DI M. FRACT 5-MIN HYDRAULIC HO	PSI ISPLACEMENT_ AXIMUM_ TURE GRADIENT_ DRSEPOWER	SACKED	SUMI	PRESLUSH: BE LOAD & BKDN TREATMENT: E CEMENT SLUR	BLGAL BBLGAL BBLGAL	AL.		TYPE PAC	BBLGAL.	
STAGE NUMBER OF SACKS DIRCULATING BREAKDOWN VERAGE SHUT-IN: INSTANT	PRESSURES IN F DI M. FRACT 5-MIN HYDRAULIC HO AVAILABLE AVERAGE RAT DISPL	PSI ISPLACEMENT AXIMUM TURE GRADIENT DRSEPOWER TES IN BPM	SACKED	SUMI	PRESLUSH: BE LOAD & BKDN TREATMENT: E CEMENT SLUR	BLGAL BBLGAL BBLGAL	AL.		TYPE PAD DISI	BBLGAL.	The Commission Commiss
STAGE NUMBER OF SACKS	PRESSURES IN F DI M. FRACT 5-MIN HYDRAULIC HO AVAILABLE AVERAGE RAT	PSI ISPLACEMENT AXIMUM TURE GRADIENT DRSEPOWER TES IN BPM	_ 15-MIN	SUMI	PRESLUSH: BE LOAD & BKDN TREATMENT: E CEMENT SLUR	BLGAL BBLGAL BBLGAL	GAL G		TYPE PAC	BBLGAL.	
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STAGE NUMBER OF SACKS DIRCULATING BREAKDOWN AVERAGE SHUT-IN: INSTANT DRDERED	PRESSURES IN F DI FRACT 5-MIN HYDRAULIC HC AVAILABLE AVERAGE RAT DISPL CEMENT LEF	PSI ISPLACEMENT AXIMUM TURE GRADIENT DRSEPOWER TES IN BPM	_ 15-MIN	SUMI	PRESLUSH: BE LOAD & BKDN TREATMENT: E CEMENT SLUR	BLGAL BBLGAL BBLGAL	GAL G		TYPE PAD DISI	D: BBLGAL. PL: BBLGA	27.70 to 10.00 to 10.
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TERMS AND CONDITIONS

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

- 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.
- 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 materials. 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, plus all collection and court costs.
- C. 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. 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 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 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, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, 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 AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

- D. EQUIPMENT LIABILITY Customer shall at its risk and expense attempt to recover any Halliburton 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, Customer shall be responsible for damage to or loss of Halliburton 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 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 agreement and that same are free from defects in workmanship and materials for one year from 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, 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. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton 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 by Halliburton's negligence or fault. 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 agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.
- G. WAIVER Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.
- H. MODIFICATIONS Customer agrees that Halliburton shall not be bound by any modifications to this agreement, 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, 5151 San Felipe, Houston, Texas 77056.

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TICKET CONTINUATION

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HALLIBURTONO DIGINAL TICKET CONTINUATION

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CUSTOMER 15-051-24841-00-00 FORM 1911 R-8 Mai Operations Richards #-4 SECONDARY REFERENCE/ PART NUMBER PRICE **ACCOUNTING** UNIT PRICE TIME REFERENCE DESCRIPTION ACCT DF QTY. U/M QTY. | U/M 504-136 1 В 40/60 Pozmix Standard 200 5,55 509-968 516.00;158 113 В Salt Blended & On side 1450 1b 188 50 507-775 -516.00144 В Halad-322 Blended 125 1b 6190 862150 507-210 890.50071 В Flocket Blended 50 1b 1,40 70,00 :1 SERVICE CHARGE CUBIC FEET 500-207 В 280,00 224 1,25 TOTAL WEIGHT LOADED MILES TON MILES 500-306 33 ¹85 18,645 307,643 261 50 **CONTINUATION TOTAL** 2,712 50

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FIELD OFFICE

CONSERVATION DIMENTING

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