County ___ Hamilton

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM
ACC-1 WELL MISTORY

DESCRIPTION OF WELL AND LEASE	C NE/4	Se	cTwp.	41 Rge	X_West
Operator: License # 04680	3960		Ft. North fro	om Southeast C	Corner of Section
Name: American Exploration Co.	1320				orner of Section
Address 2100 NCNB Center					tion plat below.)
Houston, Texas 77002		· · · · · · · · · · · · · · · · · · ·		Well #	<u> </u>
City/State/Zip	i '		ishaw		
Purchaser: KN Energy	Producing F	ormation	Winfiel		 :
Operator Contact Person: Marty B. McClanahan	Elevation:	Ground _	3,622	KB	
Phone (713) 220-8251	Total Depth	2	790	РВТО _2	
Contractor: Name: Cheyenne Drilling Co.				528 495 462	50 20
License: 05382		 		396	60
Wellsite Geologist: Gary Oliver				363	oo \
Designate Type of Completion \underline{X} New Well $\underline{Re-Entry}$ Workover				297 264 231 198	40 10
OilSWDTemp. AbdOas SIInjDelayed CompOther (Core, Water Supply, etc.)				165 132 990 660 330	20 ' 0 0
If ONTHO: old well info as follows: Operator:		5280 4980 4620 4780 4780	3960 3300 3300 2310 1980	<u>. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</u>	0 11-30-86
Well Name:	Amount of S	urface Pi	pe Set and Cer	mented at 28	30 Feet
Comp. Date Old Total Depth	Multiple St	age Cemen	ting Collar Us	sed?	Yes <u>x</u> No
Drilling Method: Mud Rotary \underline{X} Air Rotary Cable	If yes, sho	w depth s	et		Feet
9/21/89 9/24/89 2/09/90	If Alternat	e II comp	letion, cement	t circulated f	rom 2790
Spud Date	feet depth	to <u>Su</u>	rface ,	u/ -635	260 sx cmt.
INSTRUCTIONS: This form shall be completed in triplicate and Derby Building, Wichita, Kansas 67202, within 120 days 82-3-106 apply. Information on side two of this form will be writing and submitted with the form. See rule 82-3-wireline logs and drillers time log shall be attached with form with all plugged wells. Submit CP-111 form with all conversion of a well requires filing of ACO-2 within 120 days	of the spud be held confi- 107 for confi- this form. A ll temporarilys from comme	date of a dential f dentialit LL CEMENT y abandon ncement d	ny well. Ru or a period on y in excess on ING TICKETS HA ed wells. Ar ate of such wo	ule 82-3-130, f 12 months if f 12 months. UST BE ATTACHE ny recompletio	82-3-107 and requested in One copy of all D. Submit CP-4 on, workover or
All requirements of the statutes, rules and regulations promule with and the statements herein are complete and correct to the				iustry have bee	en fully complied
Signature // / / / / / / / / / / / / / / / / /	112/90 = 1	F	Letter of Wireline 1 Drillers 1	Timelog Receiv	ty Attached ved
Notary Public Date Commission Expires OF 10 C	ONSERVATRAJI	DIMERIONE TOBO —	KGS	SWD/Rep Plug	NGPA Other (Specify)
EXPIRES COALLES	Wichita, Kar	isa			
7, G. 25, Tank	9-20-	-90	Form /	ACO-1 (7-89)	. ⟨ \

SIDE TWO

Operator Name Amer	ican Exp	loration Co.	Lease Name	HCU		Well #	1111-B	
		□ _{East}	County _	Hamilt	on			
Sec. 11 Twp. 21S	Rge.4 <u>1</u>	West						
INSTRUCTIONS: Show interval tested, tim hydrostatic pressures if more space is need	e tool open a s, bottom hole	nd closed, flowing temperature, fluid r	and shut-in pres	ssures, whetl	her shut-in pre	ssure read	ched static leve	el,
Drill Stem Tests Take (Attach Additional		Yes X No			Formation Desc	ription		
Samples Sent to Geold	ogical Survey	Yes 🔀 No			€x Log □	Sample		
Cores Taken		Yes X No	Name		Тор	Bott	:om	
Electric Log Run (Submit Copy.)		□ Yes □ No	Winfie	21d	Anhy 2754 N/A	(+880)	59 (+1275)
		CASING RECORD						
	Report al	ll strings set-condu	New U ctor, surface, î		production, etc	: .]
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives	nt
Surface	12-1/4	8-5/8	24#	280	Class "C	175	2% CC +1	
Production	8-3/4	5-1/2	14 & 15#	2736	Howco Lt	360	1/4# f18	
Shots Per Foot	PERFORATION Specify Footag	N RECORD ge of Each Interval	Perforated		Class "A Fracture, Shot, d Kind of Materi		Standard Deeze Record	-Um
	2760-7	0 '			1s. 7-1/25			_
				1 -	# 12/20 Se		19 bbls.	_
	. <u> </u>	<u>. </u>		X-IIIK	gelled w			-
								_
TUBING RECORD 2-3/8 2	Size 668	Set At	Packer At	Liner Run	∑ Yes □	2 7/s No W	2708-2770 20 SKs	_
Date of First Product	tion Producir	ng Method Flowing	X Pumping G	as Lift 🗆 d	Other (Explain)			
Estimated Production Per 24 Hours	oil 	Bbls. Gas	Mcf Water	r Bbls.	Gas-Oil	Ratio -	Gravity	
Disposition of Gas:	1	ME	THOD OF COMPLETE	OH .		P	roduction Interv	 ∕al
Vented X Sold (If vented, sub			Hole Perfor			Comm	ingled	
		Li Other	(Specify)			· _		_

HALLIBURTON SERVICES

JOB LOG

U AMERICA Explonation PAGENO.

DATE / NOU 89

FORM 2013 R-2 On location 10:30 Hook up -water water fump Galled water Gallwater in Shutdown 18:20 to mix gondh 18128 18:30 Start displanant 18:35 Bood to wook never off ! 1500

-	ş			SPECOIS			DAMS, INC., WIC				3			
<u></u>		minte:		ЈОВ	٠	ALLIBURTON DIVISION _	Wich.	ta.	<u> </u>	HAH	\ 			•
	II HALL	IBURTON EVICES	SU	MMA	RY'	ALLIBURTON LOCATION	Lama	<u>ب</u>		11011	VA Fire	LED ON KET NO	81	1913
	<u> </u>						L DATA							
4LD_					enc 11		5_ ANG. 41		COUNTY	1/200	1400	STATE		Ks
	_				_84C <u>1 ·</u>	TWF,	#NG. <u>-71</u>	NEW						MAXIMUM PE
				TYP				USEO	WEIGHT	612 E	FROM	10		ALLOWABLE
OITAMR	N THICKNESS			ROM	TO		CASING		14	51/2	KB	272	$\overline{}$	
						MCFD			ζ, μ	2 2/8	2708	277	2	
CEENY P	#001 OIL	=FD	. WATER_	bFD,	2 A 9	MCFD			6.4	27/8	KB	270	8	
MPLETIC	N DATE		"MUO TYI	PK	MUD WT	•	OPEN HOLE			43/4	2722	277	٥	SHOTS/FT.
CKER TY	PK			SET A	νт		PERFORATI	ONS			ļ	<u> </u>		
TTOM H	OLE YEMP			_PRESSURE _			PERFORATI	0N#						
EG. DAT	^			TOTAL	DEFTH		PERFORATI	онв	L	<u> </u>	<u> </u>	<u> </u>		
-						10	B DATA							
		TOOLS A	AND ACC	CESSORIES			CALLED OU		ON LOC		JOD STARTE			COMPLETED
	TYPE AN	ID SIZE		QTY,		4AKE	DATE /1-	1-87	DATE	11-1-89	DATE //-/	-89	DATI	11-1-81
OAT CO	LLAR						TIME 07	00	TIME Ø	0:30	TIME		TIME	
OAT SH	o et								PERS	ONNEL AN	D SERVICE	UNITS		
JIDE SHO) E								NAME	· ·	UNIT NO. &		ı	OCATION
ENTAALI							P To	,/01			095	7	/ _	
OTTOM P	Lua			<u> </u>			. <u> </u>						₩ 2	lhe, n
OF PLUG				<u></u>			P21'11 1	4. r			380	t = [
EAD				i							507	0_	'	ı
ACKER							Tros	ţ, ,	~		3500			
THER (ztah J	qua Plu	1 8 2 S	41.							7,00	' '		11
		K	IATERI	ALS		-	\ <u> </u>							
REAT, FL	010			DENSITY		LO/GAL,ºAPI]	İ		
90P. TYP			SIZE								1.	1		
ROF, TYP	4		\$13&_											
CID 14 PE						. •								
CID TYPE	·			AL		•			-					
CID TYP	·			AL		. = = = = = = = = = = = = = = = = = = =]			
URFACT								T _	0.,	and in	_ه_			· -
								N 0F J			7		_	
							_ Can	e o n	1 11/2	100				
REAKER	TYPE		GAL	LB,	IN		JOD DONE TI	HRUIT	UBING	CAS	31NG	ANNULUS		TEG./ANN.
							CUSTOMER REPRESENT.	ATIVE	Χ	tran	What	l		
THER										/	- "	-		
THER							MALLIDURTO OPERATOR	<u> </u>	.6.7	Toutm	<u>> 4</u>	COPIES		
					- 	CEMI	ENT DATA							
STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK			ADD	ITIVES			YIEL CU.FT.		MIXEO LDS./GAL,
	20	SHJ		Idial	3							1.15	,	15.6
					 		•			 		 ' ' '	·	, , , ,
			T		 						·	1 —	<u> </u>	
			7 —	<u> </u>					 -			1		
					1									
			URES IN			SUMMA				VOLL				
				DISPLACEMENT			PRESLUSHI DO	L,-0-41	<u></u>	<u>a</u>	TYPE	G.11.	<u>, </u>	Water
REAKDO	WN		×	MUMIXAN	1500		LOAD & BKDN	88L,	GAL		PAI	D: 80LG/	·L	
							TREATMENT: (
	THATEN		5-MIN.	·			CEMENT SLUR			_				
		HYDRAŪ	LIC HOP	RSEPOWER	_		TOTAL VOLUMI			28				
8 D E R C D					_USED					REMAR		-		
		AVERAG	E RATE	S IN BPM										

CEMENT LEFT IN PIPE



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

SAMARY CO.

INVOICE & TICKET NO. 81791

المستحديث	
	HALLIBURTON SERVICES
ORM 1908 R-5	A Hallourton Company

LNO. 11118 LEASE HCU	· 	SEC	11	TWP	215	RAN	IGE 4/W
county Hamilton 5	rATE X3		OWNED	ву4	м. Ех	y1.	
THE FOLLOWING INFORMATION WAS	FURNISHE	D BY TH	E CUSTO	MER OR	HIS AGEN	IT	
MATION TYPE	<u> </u>	NEM	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.1.
RMATION CKNESSTOTO	CASING		14	51/2	·KB	2722	
KER: TYPESET AT	LINER			2 3/4	2709	2770	
AL DEPTHMUD WEIGHT	TUBING		6.4	27/8	KB	2703	
RE HOLE	OPEN HOL	Ę	•	43/4	2722	2770	sнотs/ғт.
TIAL PROD: OILBPD. H2OBPD. GASMCF	PERFORAT	IONS					
SENT PROD: OIL BPD. H2O BPD. GAS MCF	PERFORAT	IONS					
si s	PERFORAT	IONS					
VIOUS TREATMENT: DATETYPE			MATERIA	LS			
ATMENT INSTRUCTIONS: TREAT THRY TUBING ANNULUS C	ASING 🗆 TUE	ING/ANN	JLUS 🗌 HYI	PRAULIC H	ORSEPOWE	ORDERED	

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused in the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage
- Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or well blowoul, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburion.
- Customer shall be responsible for and secure Halliburton against any and all flability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising fro a service operation performed by Halliburton hereunder.
- Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited impry to the well), or any daininges whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in thu well hole, unless such damage shall be caused the willful misconduct or gross negligence of Halliburton.
- (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- (g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered. Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. II Halliburton equipment, tools or instruments are damaged in the well, Customer shall perfectly the sole of the sole o Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marrine of eration Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or Instruments which occurs at any time after delivery to Customer the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- (h) 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 accuracy of any chinterpretation, research analysis, job recommendation or other data furnished by Halliburton, Halliburton personnel will use their best efforts in gathering such information and their best judgments. in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where it in the Halliburton's gross negligence or will: misconduct in the preparation or turnishing of it.
- Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED. MERCHANTIABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE Publiculation's Inability and Customer's exclur remedy in any cause of action (whether in contract, fort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the reprocessor of action (whether in contract, fort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the reprocessor. products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such thems. In no event shall Halliburton be liable special, incidental, indirect, punitive or consequental damages.
- Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default, in payment of Customer's account by the fast day of the month following the month in which the factor of the month following the month in which the factor of the month following the month following the month in which the factor of the month following the month in which the factor of the month following the month in which the factor of the month following the month in which the factor of the month following the month in which the factor of the month following the month in which the factor of the month following the month following the month in which the factor of the month following the month in which the factor of the month following the month in which the factor of the month following the month in which the factor of the month following the month in which the factor of the month following the month in which the factor of the factor of the month in which the factor of the month in the factor of the month in the mon mission is dated. Customer agrees to pay interest thereon after default at the highest lawful contrast rate applicable but never to exceed 18% per amount. In the executive inecessary to employ attorney to enforce collection of said account. Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- (k) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- (I) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED CHICKENIER BULK MATERIALS DELIVERY GINAL

AND TICKET CONTINUATION

FOR INVOICE AND 817913

HALLIBURTON SERVICES

O y posterio un manerio i	опрану												
	CUSTOMER ORDE	NO.		_	WELL NO. AND FARM		COL	YTNL		,		STATE	
1 Nov 89					11 11 B HCU				m:11			Ks	
CHARGE TO	15~ 1	,			DELIVERED FROM	Fuel	CONTRA	CTOR	ر ما		No. B	8149	19
Amoric	an CKPI	013	1.04		DELIVERED FROM	^/*	LOCATIO	N CODI	PREP	ARED BY	<u>. L. –</u>		
					DELIVERED TO		50	412	_	1 600	tur s.	4	
ITY & STATE					DELIVERED TO		TRUCK N	ο,	RECE	IVED BY		·	
			 		boczition		ره کو						
PRICE	SECONDARY REF. OR	COD	E				UNIT	s 1	TINU	S 2	UNIT	******	
PRICE REFERENCE	PART NO,	100	5		DESCRIPTION	٠.٠	QTY.	MEAS.	QTY.	ÍMEAS.	PRICE	AMOUNT	
504-308			1.0	ezl	Standard Con	rock !	60	51			5.90	354	00
				. 				;					
		††	†	-	· · · · · · · · · · · · · · · · · · ·			 		 			1
-		╁	+			 		 		 			
		╁╂	+					├—	 	 			+-
		++	 					1-	 	!	- 1		
		-						 		 			-
								 		<u> </u>			<u> </u>
								ĺ		!		_	
	_		_				!						
		7		-				 		 			
		╁					- -	 		 -	<u> </u>		+
		+++			<u> </u>		 	 					┼-
		++	 	 -			-	 -	 -	 			+
		++			- · · - · - · - · - · · · · · · · · · ·			 	ļ	ļ - ļ			
		\sqcup						!		ļ 		<u> </u>	
								i		į			
				-		<u>-</u> :	_	i					
				·				 	1	Ī			_
		\top						 	1	+			-
								+	 	- 			
		\dashv	-					 -	 	 	 		-
	 _							<u> </u>	 	-	<u> </u>		-
		$\bot \bot$					ļ	<u> </u>		<u> </u>			_
		$\perp \downarrow$						<u> </u>	1	1			
			Returned Mileage			-							
			Charge		TOTAL WEIGHT	LOAD	ED MILES		ONMILES				<u> </u>
			CERVICE	CHARG	ON MATERIAL S DETURNES				11 6007				
<u> </u>	<u></u>	++	SERVICE	CHARGE	ON MATERIALS RETURNED		-	°	U. FEET		 		+
500-207			SERVICE	CHARGE	Ī			,	U. FEET	60	.95	57	00
		77	Mileage		5,640		65	$\neg \neg$	183.3			 -	\top
500-306			Charge	<u></u>	TOTAL WEIGHT		DED MILES		ON MILES		.70	128	3 !
R 01	1010		1			CAI	RRY FORW.	ARD TO	INVOICE	SUR	TOTAL	l	

PAGE 1 OF_ _ PAGES

FORM 1906 R-11



OF 101N/ No. 817913-8

A Division of Halbburton Company

WELL NO.—FARM OR LEASE NAME						STATE CITY / OFFSHORE LOCATION					<u>_</u>	DATE			
11-11 B	HCU				Ham. Ho	n	4	s					1 Nos	89	
CHARGE TO						OWNER				ПС	KET TYPE (C	HECK ONE)	NITRO	GEN JOB	
Am	ariean E	XZ	plonat	400	·	<u> </u>	A ma	. Expl	<u> </u>	SEI	RVICE	SALES	YES	NO 🚣	
ADDRESS			1 3			CONTRACT	OR	_		1	LOCATION		CODE		
								L Wal				4 3 L		912	
CITY, STATE, ZIP						SHIPPED VI	IA	h—	HT CHAR	7	LOCATION		CODE		
MELL TYPE	Turii extreon	•		Isomer 1	DEDLATE NO.	1051115050	TO.	P	PD [LOCATION				
WELL TYPE 02 G25	WELL CATEGOR		2		PERMIT NO.	DELIVERED	,	_		3	LOCATION	<u>!</u>	CODE		
TYPE AND PURPOSE OF		<i>o</i> ···	- DOEN	.	 -	ORDER NO.	261	·on			ERRAL LO	CATION			
	rod beiner			B-	814919	GIIDEII 110.				"	2,50 2 200				
		ner agr	rees to pay Hall	_1	accord with the rates and to last day of the month follow	rma stoted in H	alliburto	n's current pric	a lists. Invo	ices payable l	IET by the 2	Oth of the fol	lowing month after	r date	
of inveice. Upon Cl lawful contract ret fees in the amount	ustomer's default in payment e applicable, but never to axo t of 20% of the amount of the	of Cu sed 14 unnsi	stomer's accou 8% per annum. d account. Thes	int by the In the eve Leterms 2	last day of the month follow ent if becomes necessary to a and conditions shall be govern	ing the month i imploy an attorr ad by the law of	in which ney to er funn etai	tha invoice is o nforce collection te where servic	dated, Cust n of ward ar as are perfe	comer agrees 1 count, Custor amad or cour	o pay intere: ner agrees to sment or ma	st thereon afte o pay all colle- terials are for	er default at the hi crion costs and att	ghast ornay	
Halliburton wa	rrants only title to the produc	cts, su (FRW)	pplies and mate SE WHICH EX	riels and TEND BE	that the same are free from a	ielects in workn HE IMMEDIATE	nanship LY PREC	and materials,	THERE ARE	NO WARRAN	THES, EXPRI	SS OR IMPLI	D, OF MERCHANT	ABILITY.	
of action (whether is supplies or materials punitive or consequen	on their return to Halliburto	n or,	breach of wan at Halliburton's	ranty or option,	otherwise) arising out of the to the cus	a sale or use t temer of credit	of any i	products, supp cost of such	lies or ma itoms. In n	terials is oxpr o event shall	essly limiter Halliburton	to the replate be liable for t	cement of such pecial, incidental,	indirect,	
pointies or consequen								_					,		
PRICE	SECONDARY REF	O L			DESCRIPTI	0 N	-	UNITS	-	UNIT		UNIT	AMOU	NT	
REFERÊNCE	OR PART NO.	C.	ACCOUNT	.				QTY	MEAS	- 417	i MEAS	-			
000-117		<u> </u>		MILE	:AGE			65	mi		- !	2.20	143	00	
000 140	7-0 016			0		_		2770	77			_	927	80	
009-407	009-019	 - -		1-11	mp Charg	е	 -	<u>~ //-</u>			i 	 	15.	100	
		<u> </u>							<u>i</u>		<u> </u>	ļ		_	
_ 540 _	80103122]	ļļ	0-	042 5W	Plug	}	3	83	2%	/ l*		205	صه[٠	
				,		- (- i				
_ 562	801.03075	}—		<u> 602</u>	tah dawa b	196/e			82	_27	225	 	69	00	
999-086	009-019	•		84	1921 10H				1		i		4	73-	
509-554	<u> </u>			1/.)	liburton G.	7			لا در		i	7.25	14	ص ک	
<u> </u>		╁		/ 7 2. /	HOMPION GE	<i></i>			13.0		- 	7723	 -1-1 -	13.5	
		ļ		ļ					<u> </u>		.	ļ <u> </u>		 	
	l	ŀ	. '						 		į				
								-	i í		-			1	
		 -							 		<u> </u>	 		-	
		<u> </u>							 		ļ 	<u> </u>		_	
									l l		1				
		\vdash							` '		i	 		+	
	·	ļ		<u> </u>			_	_	<u> </u>		i	 	<u> </u>	 	
	,								 -		í			1	
<u> </u>						_					!				
		├	 	<u> -</u>			\longrightarrow		 		:	 		+	
		_							<u> </u>		<u> </u>				
									i 1		į				
									 			 		+	
		<u> </u>		<u> </u>					 			<u> </u>		 	
]		!						
							<u> </u>		i i		i				
		1	 	 					 		<u>i</u>	 -	 		
		<u> </u>		<u> </u>					<u> </u>		l 	<u></u>	1		
AS PER	ATTACHED BULK	M	ATERIAL	DELI	VERY TICKET NO	D	В	- <u>814</u>	1919	7			539	31	
IMAR IOR CAMPAGATA	COMMETTE	-			WE CERTIFY THAT THE FAI	R LABOR STAN	DARDS .	ACT OF 1938.	as amene	ED HAS BEEN				2.5	
WAS JOB SATISFACTORILY WAS OPERATION OF EQUI			<u>-</u>		COMPLIED WITH IN THE PI FURNISHED UNDER THIS C	ONTRACT.	GUUDS	AND UH WITH	1 HESPECT	IO SERVICES			1902	17 12	
	ERSONNEL SATISFACTORY?				_	. 1									
	/ /				_ ~							CLID	11	1	

CU.

INVOICE

HALLIBURTON SERVICES

P.O. BOX 951046 DALLAS, TX 75395-1046

NINVOICE NO.

A Halliburton Company

817913

DATE

WELL LEASE NO./PLANT NAME WELL/PLANT LOCATION WELL/PLANT OWNER STATE HCU 11-11 B HAMILTON SAME ALC SERVICE LOCATION CONTRACTOR JOB PURPOSE TICKET DATE MAR CEMENT PRODUCTION LINER ACCT. NO. CHARLES CUSTOMER AGENT VENDOR NO. CUSTOMER P.O. NUMBER SHIPPED VIA FILEN The state of the <u>017207 FRANK PARDUE</u> COMPANY TRUCK

DIRECT CORRESPONDENCE TO:

SUITE 600 -COLORADO DERBY BUILDING _________ KS 67202-0000

AMERICAN EXPLORATION
P.O. BOX 742 SYRACUSE, KS 67878

PRICE REFANO.	DESCRIPTION	OUANTITY (U/M	UNIT PRICE:	AMOUNT
BETCTAGGAGG	A MID CONTINENT				
ONOTIFIE	MILEAGE:	65	ACT.	2,20	143.00
	Control to the total to the control	7,000	ארן דאט	l •	143.00
009-407	CEMENTING LINERS/SHORT CASING	2770		927.00	15. 15. 927.00
009-019:		12	UNT		, , , , , , , , , , , , , , , , , , ,
1 1 1 1 2 1 1 1 1 1 1	OMEGA 5-WIPER PLUG - 2-7/8		EA.	205.00	205.00
		The state of Lines	و المراجعة		
562	LATCH DOWN BAFFLE = 2 7/8	1	EA	69.00	69.00
801,03075					33,5
	ITEMS FURNISHED BY OTHERS	4 4 10	L,B	4.75	4.75
	HALLIBURTON GEL	2	SK-	7,25	14.50
	STANDARD CEMENT	60	SK		354.00
500-207	BULK SERVICE CHARGE	60	CFT	" 6	57,00
500-306	MILEAGE CMTG MAT DEL OR RETURN	183.30	TMI	70	128.31
		9804	, ,		•
	INVOICE SUBTOTAL				4 75 /6 75
					1,902.56
	DISCOUNT-(BID) 1 3			k I	380.51
	INVOICE BIO AMOUNT				1,522,05
	Programme of the second of the			D.D.	
	A-KANSAS STATE SALES	TAX		*	64,69
			٠.		The latest days amen from most over down both both both both
			٠.		• •
			•		
			* •		[',
			, ,	14,	
and the					
					,
		4. 经基础证据	ا کی ج	· 🐧	. ~
			1.5		1
1. 建强制					. '
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	医微微性结合的 人名塞特尔人姓氏利			F: =	
	INVOICE TOTAL - PLEASE PAY THE	S AMOUNT ==	11 m2 km 1111	ing the out hat yet the total the mestice into \$	\$1,586.74
1 1 1 1 1 1	TERMS INVOICES PAYABLE NET BY THE 20TH OF THE EC			INVOICE LIBON	4 4 7 4 4 4 4 4 4

AFFIX JOB TKT

FORM 1900~R3 🖟 🧢 🦠



TICKET NO. 818004-0.

A Division of Halliburton Company

ORIGINIAL

FORM 1906 R-11	·								111	OII	18.			
WELL NO FARM OR LE					OUNTY	_	STATE		ITY / OF	FSHORE LOC	ATION		DATE 9-26 8	~
CHARGE TO	1111-13				Homilton	IOWNER	Хs	, -		ПС	KET TYPE (HECK ONE)	NITROS	
	icar Exil		•				. 3 "	, Expl	6	SE	RVICE 🚣	SALES.	VES	NO NO
ADDRESS	~ 3).		<u></u>			1		_	,	1	LOCATION		CODE	
	_					Chey SHIPPED V	ا وزاي	<u>e 4</u>		L		neil		
CITY, STATE, ZIP								[T CHAR	COLLECT 2	LOCATION	ı	CODE	
WELL TYPE	WELL CATEGOR	Y		WELL	PERMIT NO.	الله الله الله الله الله الله الله الله	OTO	``الـــاز	_	-	LOCATION	!	CODE	
02	01					Loc	18 N	57140	u ee	3	i			
TYPE AND PURPOSE OF	JOB			R.		ORDER NO	-			REI	ERRAL LO	CATION		
OIO	n the above remad Custom	nr 200	mae to nout Hal	liburton in	814874	erms stated in H	lallihurto	n's current pric	fiete Inv	nicos pavablo i	JET by the 2	Oth of the fo	Nowing month ofter	date
of invoice. Upon Cu lawful contract rate foce is the assessed	n, the above-named Custom stomer's default in payment applicable, but never to exc of 20% of the amount of the	of Cu eed 18	stomer's accou	int by the	last day of the month following it becomes necessary to	wing the month employ an attor	in which	the invaice is a nforce collection to where service	lated, Cus	tomer agrees	o pay interc ner agrees t	st thereon af o pay all coll- terials are fu	tor default at the hig ection costs and attor	hest ney
Halliburton was	rents only title to the product CCULAR PURPOSE OR OTH contract, tort, product liab on their return to Halliburto	ts. suj ERWI	pplies and mate SE WHICH EX	rials and TEND BE	that the same are free from YOND THOSE STATED IN 1	defects in works	manship LY PREC	and materials. T CEDING SENTE	HERE ARI	E NO WARRAN burton's liabil	TIES, EXPRE	SS OR IMPLI	ED, OF MERCHANTA	BILITY, cause
of action (whether in supplies or materials punitive or consequent	contract, tort, product liab on their return to Halliburto dal damages.	ility, l n or, i	breach of war at Halliburton's	ranty or i	otherwise) arising out of the cus	he sale or use stomer of credit	of pny p	cost of such i	es or ma toms. In n	terials is expr o ovent shall	essly limited Halliburton l	to the repl to liable for	special, incidental, in	oducts, idirect,
PRICE	SECONDARY REF	L					- 1	UNITS	1	UNIT	'S 2	UNIT	T	
REFERENCE	OR PART NO.	G.	ACCOUNT		DESCRIPTI	ON		QTY	MEAS	αту	MEAS	PRICE	AMOUN	
000 117	•			MILE	AGE		İ	50	m			230	110	60
		İ		\sim	ira Joh O	300 (+			ft			375°	395	a
001 016				<u> </u>					i		Ş 11	58 et	1	2.00
030 503		<u> </u>		A.A	11 Wood Plu	r .	-		ea	1 0	5		<u> </u>	OU .
16 A	330.2171				ype M Shoe 4 Controlls)			i 	<i>h</i>	į	16100		ļ <u> </u>
40	807. 93059			5	4 Controlls.	C p			 	1	l l	534	53	ijb
350	540. 1US 42			We	I) A			1	i !	1	İ	1114	11	90
	., ., .							····	!		i I		<u></u>	
									!		 		1	
				-	<u></u>	-			<u> </u>		<u> </u>		 	
	-	L							<u>!</u>		<u>-!</u>		-	
•					Service .	11	·			5	i			
				,e 5	11/ 12/2	7	. ,-	-2/1	1 ~					
		_	i	1 / 1	1.32	17.	, 1,	17((i		<u> </u>	
			`	1 100	<u>, , , , , , , , , , , , , , , , , , , </u>	7,17,7	•		<u> </u>	 				
						<u> </u>	, -, -		i	 -	<u> </u>		#	
		<u> </u>		()	111501 1				! ! 					
		1	FI	Í					!		-			
	11117)	1 1								i			
	11/4/10		, -					•	!		 		#	
	11/20	\vdash		-					1		-	+	 	
		_							!	<u></u>	<u> </u>	1		-
									1		<u> </u>			<u> </u>
									1		!			
	-						i	-	<u> </u>					
AC DED	ATTACHED BULK		ATERIAL	DEL	VERV TICKET N	<u> </u>		B- 81	110.		_1		1111	68
AS FLIT	A IACITED BULL	. 141	, 11 LINAL	- V-LI								-	1616	+
WAS JOB SATISFACTORILY			÷·		WE CERTIFY THAT THE FORMISHED WITH IN THE FURNISHED UNDER THIS	PRODUCTION OF	GOODS	AND OR WITH	RESPECT	TO SERVICES	;			
WAS OPERATION OF EQUIP WAS PERFORMANCE OF PI	MENT SATISFACTORY? RESONNEL SATISFACTORY? ,						ر ار	7					7404	68
Al.	P. O.				1-1/6	1 Ca-1	بخمره دسر <u>ا</u> مستنده دستان	-				SUB TOTAL		<u> </u>
CUSTOMEB-OR H	IS AGENT (PLEASE PE	INT	1			HALLIBI	JKTON	OPERATOR					APPLICABLE TAX BE ADDED ON I	
$\mathbf{x} = \mathcal{V}h$	ilio K. L	مرزوری	100		HALLIBURTON APPROVAL						_			
CUSTOMER OR H	IS AGENT (SIGNATUR	E) /				CUSTOM	ER							

WELL NO. 11118 LEASE HCU HALLIBURTON SERVICES JOB LOG

FORM 2013	R-2			PUMPS PUMPS		PRESSURE (PSI)		DATE
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUM	C	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
•	1245		(GAL)			,		Colled out
	1600							Oblastic - Rig dilling
	1000		- 3.4	100				000000000000000000000000000000000000000
	1500							Rig up to Circ cosing down
	1855							Cosingdown to recutated - Ru Tu Coment
-	10 - 11	-						
	1904	4	0		Lor		50	5 To / + Mixing
	1914	7	37		See.		50	Coment Mixed - Drop Plug
	1915	4	0		300		50	2 1 4 1 M Spiver Will
	1920	4	17		Server."		100	Plugdown
								Circulated oppied 5 box ement
								good curuleties Throat
								•
								Sortace Cog.
								29.
		*						Thanks. csq.
								1100
								-11/1901
					492.3			60111
		42.00						70.
								9000
								Killing
-								11 2 09
					19/03/2		, 2	13 160
-								10
1								
*								

HALLBURTON SERVICES Duran Dubber 7831 D A Division of Hallburton Company

BULK MATERIALS DELIVERY AND TICKET CONTINUATION

		_ 	
~ _	FOR INVOICE	AND 818 004	1
	MICKET NO	0/0009	
1 1			
\ \ \ \ \ \			

DATE	CUSTOMER ORDE	RNC).		WELL NO. AND FARM			UNTY				STATE	
9-20-89	,				HCU IIII	R	1.	Hen	.Itu	a		KS.	
CHARGE TO	<u> </u>				OWNER		CONTRA	CTOR		•	Б		-
American E	xploration			_	Saine DELIVERED FROM							814 8	14
MAILING ADDRESS					•	•	LOCATIO		PRE	PARED B			
CITY & STATE					Lamar DELIVERED TO		5043	<u>5</u>	REC	MCII	VIYRE		
					LOC.	1		<u>507</u>			ainter		
PRICE REFERENCE	SECONDARY REF. OR PART NO.	00	DE		-	-	UNIT		UNI	•	UNIT	AMOUN'	т
HEFERENCE	PART NO.	ŀ	۵	ļ -	DESCRIPTION		- T	MEAS	any.	MEAS			,
504-308			Щ	Stan	dard Cement	(175	sk	ļ 	-	5.90	1032.	50_
509-406		\downarrow		Calc	ium Chloride 29/w/a	11.	4	ska		!	29.50	118.	00
507-210				Floci	le 1/4#		44	#		<u> </u>	1.27	55-	88
	<u>.</u>					_		<u> </u>		<u> </u>			
								1	(3/\\$	<u>} </u>	_	
				-				i		D.	,		
						-		1~	10	1			
		1			 -	-			\triangleright	 	1 1		
•		+-	+				\	42		 	+ +		
-	_	-	Н					<u>₩</u>		╬	 		
			Щ				15	<u> </u>	<u> </u>	<u> </u>			
<u>-</u>						. \	} > `	!		<u> </u>			
						~~		Ì		Ì	1 1	-	
					<u> </u>	(0)		Ţ		1	ļ ļ	-	
		+	Н			, <i>(</i>	 	 		 			1
		+	Н		<u> </u>			 		!			-
		╁	Н				 	ļ—		<u> </u>			-
		_	Н				ļ	<u>.i.</u>		<u> </u>			<u> </u>
								1		<u> </u>	<u> </u>		
					4/10			İ		, <u>I</u>			
					\rightarrow			i		1			
				_			•	1		-	1		
·		+	\Box					 		 	┼──╫		
		+	H	-			<u> </u>	1		 	 		
	<u> </u>	+	\vdash	Dec : 1	 	1		1	<u> </u>		╂ - ∦		
			}	Returned Mileage Charge	TOTAL WEIGHT	,	ED MILES	-/	ON MILES		1 1		
		+	H		1018 HEIGHT	LUAD	TO WILES	-+"			 		
		1		SERVICE	CHARGE ON MATERIALS RETURNE	D		C	Ų. FEET				
500-207		\perp	Ш	SERVICE	CHARGE	 ,		C	U. FEET] {	33	-95	<u> 173.</u>	85
500-314				Mileage Charge	16814 TOTAL WEIGHT	50 _{LOAI}	DED,MILES	 T0	420.35	5	•75	236	
No. B 814	187/	•					RRY FORWA				-TOTAL		
- 014				FORM 1911	- R6 REV. 8-85							1 6 16	∔68



WORK ORDER CONTRACT

AND PRE-TREATMENT DATA FORM 1908 R-5 ATTACH TO INVOICE & TICKET NO DISTRICT TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING FIELD THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT MAX. ALLOW WEIGHT SIZE FROM TO FORMATION NAME____ P.S.1. TYPE FORMATION THICKNESS CASING FROM LINER PACKER: TYPE SET AT TUBING TOTAL DEPTH MUD WEIGHT OPEN HOLE SHOTS/FT. BORE HOLE PERFORATIONS INITIAL PROD: BPD. H2O BPD. GAS MCF PERFORATIONS PRESENT PROD BPD, H20_ BPD. GAS_ MCF PERFORATIONS PREVIOUS TREATMENT: DATE TYPE MATERIALS TREAT THRU TUBING [ANNULUS [CASING [TUBING/ANNULUS [HYDRAULIC HORSEPOWER ORDERED TREATMENT INSTRUCTIONS: STAL COLUMNIT CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees.

- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage
- (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
- Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- (g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- (h) 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 accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by 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 responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTIABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's 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 or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequental damages
- Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- (k) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- (I) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

WE ONDER	SIGNED
CUSTOMER	SIGNED
	DATE
	DATE

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

TIME A.M. P.M.

HALLIBURTON SERVICES JOB SUMMARY WELL DATA FIELD_ NEW WEIGHT 24 CASING FROM LINER TUBING OPEN HOLE PERFORATIONS PERFORATIONS JOB DATA CALLED OUT ON LOCATION TOOLS AND ACCESSORIES TYPE AND SIZE MAKE TIME/LOU TIME /9190 FLOAT COLLAR PERSONNEL AND SERVICE UNITS FLOAT SHOE GUIDE SHOE THAT MY UNIT NO. & TYPE LOCATION 44366 CENTRALIZERS BOTTOM PLUG 37459 TOP PLUG LAID 34 HEAD 0959 PACKER OTHER 3801 MATERIALS HALLIBURTON OPERATOR

STAGE OF SACKS TYPE CLASS BRAND SACKED ADDITIVES

VIELD CU.FT./SK. LBS./GAL.

1 175 570 SW B 2400 MARY

PRESSURES IN PSI
SUMMARY

VOLUMES

CIRCULATING DISPLACEMENT PRESLUSH: BBL.-GAL.

FRACTURE GRADIENT TREATMENT: BBL.-GAL.

SHUT-IN: INSTANT S-MIN.

HYDRAULIC HORSEPOWER

ORDERED AVAILABLE USED

AVERAGE RATES IN BPM

TREATING DISPL. OVERALL

CEMENT LEFT IN PIPE

FEET REASON

CEMENT DATA

CUSTOMER OR HIS AGENT (SIGNATURE)



TICKET NO. 817913-8

A Division of Halliburton Company

FORM 1906 R-11						U	NI	UIIV				
WELL NO FARM OR LE	EASE NAME			COUNTY		STATE	CITY / OF	FSHORE LOCAT	ION		DATE	
11-113	Heu			Ham. Ito		KS					1 Nos	
ADDRESS Am	eriezn E	×	plorat	kion	CONTRACT	trick Wol		SERV	OCATION	SALES SALES	YES CODE	NO NO
CITY, STATE, ZIP					SHIPPED V		PD	GES 2	OCATION .		CODE	
WELL TYPE O 2 G 2 3 TYPE AND PURPOSE OF	JOB		Lover		DELIVERED ORDER NO	to 2tion		3	OCATION		CODE	
As consideration of invoice. Upon Culawful contract rate fees in the amount	ustomer's default in payment - e applicable, but never to exce of 20% of the amount of the - rrants only title to the product TICULAR PURPOSE OR OTH contract, tort, product liabi on their return to Halliburton	of Cus eed 18 unpaid	stomer's accou 3% per annum. d account. Thes	B- 8/44 9/9 iburton in accord with the rates and tent by the last day of the month followin in the event it becomes necessary to en terms and conditions shall be governed rials and that the same are free from de TEND BEYOND THOSE STATED IN THOM THOSE STATED IN THOM THOSE STATED IN THOM THOM THOM THOM THOM THOM THOM THOM	ng the month nploy an attor d by the law o	in which the invoice is oney to enforce collection f the state where service	dated, Cust n of said a es are perf	tomer agrees to p ccount, Customer formed or equipm	pay interes r agrees to ent or mat	t thereon aft pay all colle erials are fun	er default at the high ection costs and attornished.	hest rney
PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTIO	N	UNITS	1 MEAS	UNITS	2 MEAS	UNIT	AMOUN	NT
000-117				MILEAGE		65				2.20	143	00
009-407	009-019			Pump Charg	e						927	60
540	801.03122			Omega SW	Plus	1	83	274	94		205	00
562	801 ,03075				284le	1	03	2%	249		69	00
999-086				Sugar 10#			1				4	75
509-554				Hallburton Go)	2	sk			7.25	14	50
					9							
	- A			m11(8)	700		5	马	 - - -			
				Jun- 11	1	1100						
		1	77	MAI "								
	All) 1)									
	<u> </u>											
AS PER A	ATTACHED BULK	MA	ATERIAL	DELIVERY TICKET NO		B- 8/	491	9			539	31
x Tra		and a	St. March	WE CERTIFY THAT THE FAIR COMPLIED WITH IN THE PROFUNDING THIS CO	DDUCTION OF NTRACT.	GOODS AND OR WITH	AS AMEND I RESPECT	DED HAS BEEN TO SERVICES		SUB TOTAL	APPLICABLE TAX BE ADDED ON II	SES WILL

CUSTOMER

SUMMARY

0	DI	0
	HI	1-1
1		1 1 1

WELL DATA Hzmilton RNG. HIW COUNTY WEIGHT FORMATION NAME 51/2 CASING KB 2722 2708 2770 LINER 6.4 BPD.GAS BPD. WATER MCFD 27/4 KB 2718 2722 2770 OPEN HOLE PERFORATIONS SET AT PERFORATIONS BOTTOM HOLE TEMP. PERFORATIONS TOTAL DEPTH JOB DATA JOB STARTED CALLED OUT TOOLS AND ACCESSORIES DATE ! 1 - 1 - 87 DATE 11-1-89 DATE //-/- 89 DATE 11-1-89 TYPE AND SIZE MAKE TIME 67:00 TIME # 0:30 TIME FLOAT COLLAR PERSONNEL AND SERVICE UNITS FLOAT SHOE UNIT NO. & TYPE LOCATION GUIDE SHOE 0959 CENTRALIZERS Withern Paruton 3801 5070 Treatmen PACKER 35449 OTHER MATERIALS LB/GAL. API DISPL. FLUID_ PROP. TYPE ACID TYPE ACID TYPE DESCRIPTION OF JOB ANNULUS TEG./ANN. BLOCKING AGENT TYPE PERFPAC BALLS TYPE HALLIBURTON D. 6. CEMENT DATA ADDITIVES Ideal 20 Std B 15,6 PRESSURES IN PSI SUMMARY VOLUMES 10 CIRCULATING PRESLUSH: BBL.-GAL. MAXIMUM_ 1500 BREAKDOWN _ LOAD & BKDN: BBL.-GAL. PAD: BBL.-GAL. FRACTURE GRADIENT TREATMENT: BBL.-GAL. AVERAGE CEMENT SLURRY: BBL.-GAL. SHUT-IN: INSTANT_ HYDRAULIC HORSEPOWER REMARKS ORDERED AVERAGE RATES IN BPM TREATING_ OVERALL CEMENT LEFT IN PIPE REASON



WORK ORDER CONTRACT

©RM 1908 R-5	A Halliburton Company	AND PRE	-TREATM	ENT) P	47611	VINVOICE	ACH TO	10. 817	913
DISTRICT L.								Noo	
	ON SERVICES AS AN INDEPENDENT CONTRA ER AND SELL PRODUCTS, SUF		nenies	n E	xplor (CUSTO	a for 00		DELIVER AN	ID OPERATE
WELL NO	III B LEASE	Heu		SEC	11	TWP	215	RAN	GE 4/W
FIELD	COUNTY	Hamilton STA	TE KS		OWNED	ву А	we, Ex	pl.	
	THE FOLLOWING IN	FORMATION WAS I	FURNISHED	BY TH	E CUSTO	MER OR	HIS AGEN	Т	
FORMATION	TYPE			NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM	то	CASING		14	51/2	KB	2722	
PACKER: TYPE_		SET AT	LINER			2 1/4	2708	2770	
TOTAL DEPTH	MUD WEIG	энт	TUBING		6.4	27/8	KB	2708	
BORE HOLE			OPEN HOLE			43/4	2722	2770	SHOTS/FT.
NITIAL PROD:	OIL BPD, H2O	BPD, GASMCF	PERFORATIO	ONS					
PRESENT PROD:	OIL BPD, H2O	BPD. GAS MCF	PERFORATIO	ONS					
			PERFORATIO	ONS					
PREVIOUS TREAT	TMENT: DATE	TYPE			MATERIA	LS			

Liner 10 5%

TREATMENT INSTRUCTIONS: TREAT THRU TUBING | ANNULUS | CASING | TUBING/ANNULUS | HYDRAULIC HORSEPOWER ORDERED

w. 11

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct orgross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
- (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- (g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- (h) 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 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 responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTIABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's 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 or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequental damages.
- (j) Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- (k) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- (I) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED	Land lander
OTOTTED_	CUSTOMER
DATE	1 NOU 87

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

11:00 TIME

HALLIBURTON SERVICES Duncan, Oklahoma 73538

BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND 817913

A Division of Hamburton I			100 m				UI	110				1000
DATE	CUSTOMER ORDE	R NO.		WELL NO. AND FARM		co	UNTY 11/2	milt	0		STATE	
1 Nov 89 CHARGE TO				// // // // OWNER		CONTRA		.,,,,,	027		1/32	<u> </u>
Americ MAILING ADDRESS	an Expl	ovat	con	OWNER HCU OWNER DELIVERED FROM	Expl	P3	+ p.	E PREP	ARED B		8149	19
MAILING ADDRESS					A	Transfer of the second						
CITY & STATE				baman DELIVERED TO		TRUCK	VO.	RECE	IVED BY	a line a i	4	
4 124				boes tion		380	20					
PRICE REFERENCE	SECONDARY REF. OR	CODE		DESCRIPTION		UNIT	S 1	UNIT	S 2	UNIT	AMOU	NT
, HEI EHEIVOL	PART NO.	L D			*	QTY.	MEAS.	QTY.	IMEAS		X	1
504-308			Ide	est Standard Com	out	60	31		 	5.90	354	00
***							+		+			
							+	0,000	1			
g = 0							-	-	R	}		
							+	1	D/			
	***		w+		# 10 mm		1	(1)	-			
							1	9	1			
						1	19		+			
	<u> </u>					1	1		+			4
					(12	+		+			3,450
					x \	15	+		+			
				~(9/1		 		+-			
					5	1 +	+				The second	
				~ <u>~</u> ~ ~	.es 9		-		+		*	
							-		+			
				15			1		+			
				Salph	-	167.5			1			
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			+					
							-				40.74	
					News To		1					
							<u> </u>	4,				
· ·			Returned				1	San San				
*			Mileage Charge	TOTAL WEIGHT	LOAD	ED MILES	тс	NMILES				
			SERVIOR	CHARGE ON MATERIAL C PETURATE				LECT		And And And And And And And And And And		
*			SERVICE	CHARGE ON MATERIALS RETURNED			CI	J. FEET				
500-207			SERVICE	CHARGE	*		CI	J. FEET 6	0	.95	57	00
			Mileage Charge	5,640 TOTAL WEIGHT		5 DED MILES	1	83.3	0	.70	130	31
500-306	046			TOTALWEIGHT	\$ 10 h						128	31
No. B 814	919				CAF	RRY FORWA	יאט נס	INVOICE	SUB-	TOTAL	539	31
	A STREET STREET, STREET		FORM 1911	- R6 REV. 8-85		THE RESIDENCE OF THE PARTY OF T						

JOB LOG

FORM 2013 R-2

WELL RO. 11-11 B LEASE #1 HOU TICKET NO. 817913

CUSTOMER American Exploration PAGE NO.

JOB TYPE Coment 848 biner DATE 1 NOV 89

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSUR	CASING	DESCRIPTION OF OPERATION AND MATERIALS
	10:30				100		RIUDIAtestron
	19:30						Hook up water with
	18:20	3	120		0		Pampo Gelled water
	18:23	3	10				Gallwot + 14 Shutdowns
							to mix comuch
	18:58				1000		Points across
	18:30	N	2		0		Comment in -
	1						wash puppy & lines
	18:35						Start displanment
	18:39	4	16		1500		Stool to wook gement off le
	18:114						Stort to work acrost off to
	18:58	4	60				fruished jel
							34 Table 1
1							
							Thout you Richard
							1 how / A Kichard
							- Box
							DE B
4	4		100 mg	2			
A 6 1 37				*			
1000							
100	377						
1 1 1 1 1 1 1 1							
	42				100		
					1		



WORK ORDER CONTRACT AND PRE-TREATMENT DATA A Division of Halliburton Company INVOICE & TICKET NO. 043009

DISTRICT	1;	box	nto	3,	

HALLIBURTON SERVICES

FORM 1908 R-7

TO-

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Hamber of the (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. //// -/	g	LEASE MC	4			SEC	11	_ TWP	215	RA	NGE Y/W
FIELD		COUNT	v Hon How	STA	TE K5		OWNED	BY See	0		
	TH	E FOLLOWIN	IG INFORMATIC	ON WAS	FURNISHE	D BY TH	E CUSTON	MER OR	HIS AGEN	Т	
FORMATION NAME		TY	/PE			'NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW. P.S.I.
FORMATION THICKNESS		FROM	то		CASING	878	24#	85/8	6.1.	360	
PACKER: TYPE			SET AT		LINER	21	14 #	5/2	6. L,		
TOTAL DEPTH		MUD W	EIGHT		TUBING	4		1"	6.L.	740	
BORE HOLE	,				OPEN HOL	E					SHOTS/FT.
INITIAL PROD:	OIL	BPD. H2O	BPD, GAS	MCF	PERFORAT	TIONS					
	OII	BBD HaO	PPD CAS	MCE	PERFORAT	TIONS					

PREVIOUS TREATMENT:				THE THE ROLL WHEN THE PARTY OF		ENGINEERING CONTRACTOR OF THE PROPERTY OF THE	RIALS			
TREATMENT INSTRUCTION	S: TREA	T THRU TUBING 🗵	ANNUL	US CASING	TUBING/A	ANNULUS HYDRA	AULIC HORSEPOWE	R ORDERED		
Re	9,5€	Compar	To	SHAFER	in	87/15/2	Annitus	1151219	1" Pine	
								and the second		No.

PERFORATIONS

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees.

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED.

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful confract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount
- To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for
 - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.

3. Personal injury or death or property damage (including, but not limited to, damage to the rescription from pollution, subsurface pressure, losing control of the well and/or a well blowout to the defense, indemnity, release and hold harmless obligations of Customer provided for in this Section c) below shall apply to claims or liability even if gaused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned copared on unished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall meen Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of sail or them.

- That 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 products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting in the Laboratory of the products of the produ
- any damages arising from the use of such information.

 CONSERVATION

 Kangas

 That Halliburton warrants only little to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND SEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's explusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages
- That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton
- To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

THAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT. THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

		CUSTOMER	
DATE//- 8	-90		

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

RETAIN

HALLIBURTON SERVICES JOB LOG

WELL NO. 1111 5 LEASE HELD

TICKET NO. 043009

CUSTOMER AMERICA Exples

PAGE NO.

FORM 2013 R-2 JOB TYPE VOLUME (BBL) (GAL) PUMPS PRESSURE (PSI) CHART NO. RATE (BPM) TIME DESCRIPTION OF OPERATION AND MATERIALS TUBING CASING C 00.15 09:30 THE STATE OF 10:30 800 16,30 17:00 1000/0 17:48 17:50 That Calous Con MMISSION CORPORATION



TICKET NO. 043009-X

-					
	A Division	of	Halliburton	Company	

RM 1906 R-11							TITL	VIIC	AL			
ELL NO. — FARM OR L	EASE NAME			COUNTY	STA	ATE	CITY / OFF	SHORE LOC	ATION	DATE		
ARGE TO	11-3		Ran e	How, Hot	OWNER	KS.		TIC	KET TYPE (CHECK ONE)	11-8-90 NITRO	GEN JOB
ARGE TO					OVVINER			F B C C	RVICE V	SALES [YES	No V
DRESS	or know	era)		Co	CONTRACTOR	can a c	2,100	SE	LOCATION	ALTERNATION AND ADDRESS OF THE PARTY AND ADDRE	CODE] NO [N
					Patel	1 M.C		1	120	vsl v	5 955	40
TY, STATE, ZIP					SHIPPED VIA	FRE	IGHT CHARC	GES 7	LOCATION	1	CODE	
					Horse	0	PPD C	COLLECT	Hug	101,10	7 253	35
ELL TYPE	WELL CAT	EGORY		WELL PERMIT NO.	DELIVERED TO			3	LOCATION	1	CODE	
PE AND PURPOSE O	E JOB 02				ORDER NO.			DE	ERRAL LO	CATION	- 4	
	JUB			B- 0-13	ONDER NO.			INC.	CHIAL LO	CATION		
As considerat	ion, the above-named C	Sustomer ag	rees to pay Ha	lliburton in accord with the rates an	d terms stated in Hallib	ourton's current p	rice lists. Invo	ices payable !	NET by the 2	Oth of the foll	owing month after	date
of invoice. Upon C lawful contract ra fees in the amoun	fustomer's default in partie applicable, but never t of 20% of the amount	to exceed 15 of the unpai	8% per annum. d account. The	liburton in accord with the rates an unt by the last day of the month fol In the event it becomes necessary se terms and conditions shall be gov	to employ an attorney verned by the law of the	to enforce collect e state where ser	tion of said ac vices are perfe	count, Custor crmed or equi	ner agrees to ment or ma	o pay all collec- terials are furn	er default at the nig ction costs and atto ished.	rney
Halliburton v	varrants only title to the	products, s	upplies and ma	terials and that the same are free free	om defects in workman	ship and materia	IS. THERE ARE	NO WARRA	NTIES, EXPE	RESS OR IMPLI	ED, OF MERCHANT	ABILITY,
supplies or materia punitive or consequ	ls on their return to Ha ential damages.	alliburton or,	at Halliburton	arranty or otherwise) arising out o 's option, to the allowance to the	customer of credit fo	r the cost of su	ch items. In n	o event shall	Halliburton	be liable for	special, incidental,	indirect,
PRICE	SECONDARY REI					UNI	rs 1	UNIT	S 2	UNIT		Ref. Buch
REFERENCE	OR PART NO.	0 0.	ACCOUNT	DESCRIP	TION	QTY	MEAS	QTY	MEAS	PRICE	AMOUI	NT
				MILEAGE							157	110
00-11/		1		Purp	Fruck	69	pri.	1	t A	2.35	111	13
00-118	000-117	1		Milonge Suc	cher,e	67	/	1	FA	.90	26	80
11 205		1		P. Pur-	man H	700	0	41	11100	20011	780	00
					7-21 m ***			- /	i i		9.20	00
1-213		1		Additional Par	mp of CHG	700	PIE	6	135	15500	110	
			1 (A) (A) (A)				1 1					
									i			
							1		1			
									1			
			2000				i		1		45.30	
					THE RESERVE		1		1			
	The state of		Section .				1		İ			
		4 1 N	36			E 70 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1	10.070	i i			
					2 12 2				i	100		
					ECEIVED	MODE	I a		1			
				OTATE CORU	ECEIVED PORATION COMM	110			i			
			Tacta	SIRIE	1001	1	+		i			1
				1.C	11 2 6 15 15				1			
				The state of the s	TIM BIV	SIN	1		1	Mark 7		100
				CON	SERVATION Kansa	3	1		1			
					Assimo	E Page And	1533	YO.	1		and the same of	
							1 10		+			400
									1			
				The second second								
							1	e de la companya de l	1			
AC DED	ATTACHED D	III V NA	ATERIAL	DELIVERY TICKET	NO	B- 9			1	240	2002	, ,
AS PER	AI IACHED B	OLK IVI	ATERIAL			AND THE PARTY OF T	135) HAC DEF			18/1	6/
AS JOB SATISFACTORILY	COMPLETED?			WE CERTIFY THAT THE COMPLIED WITH IN TH FURNISHED UNDER THI	E PRODUCTION OF GO	ODS AND OR W	TH RESPECT	TO SERVICES				
	PMENT SATISFACTORY			The same of the sa								
AS PERFORMANCE OF P	ERSONNEL SATISFACTO	ORY?		Py	20					SUB TOTAL	4771	16
		190			HALLIBURT	ON OPERATO	R			1	APPLICABLE TAX	

HALLIBURTON APPROVAL

X _____CUSTOMER OR HIS AGENT (SIGNATURE)

CUSTOMER OR HIS AGENT (PLEASE PRINT)

EXTRA COPY



BULK MATERIALS DELIVERY

ULK MATERIALS DELIVERY		
AND	~	FOR INVOICE AND
TICKET CONTINUATION OR	6	TICKET NO.

DATE	CUSTOMER ORDER	R NO.		WE	ELL NO. AND FARM		cou	NTY		1000		STATE	
11-8-90								(HH)	ion ua	milto	on	KS	
CHARGE TO				Ov	VNER		CONTRAC	TOR				8573	F7
American B	ixploration				LIVERED FROM				lanes		THE PERSON NAMED IN	0313	31
MAILING ADDRESS							LOCATION		PREP	ARED B			
CITY & STATE				DE	lucoton 25	935	TRUCK NO	535	RECE	IVED BY	Rick Rs	wline	
	10 J				Loc. NV/Syracu	se, KS							
PRICE REFERENCE	SECONDARY REF. OR PART NO.	COL			DESCRIPTION		UNITS	1 MEAS.	UNIT	S 2	UNIT	AMOUNT	
				300 oft Por	zmix Cement 50	/50	211.	MEAS.	QTT.	I I			
504-043	516,00272	2	12	Premium Ces			150	ol.		1	7.19	1078	50
506-105	516.00286		12	Pozmix "A"	150		150.1		4.30				
							of the	1	4.30	645	UU		
506-121					Gel blended 2		5	sk		+			NC.
509-406	890,50812	2	3	Calcium Chle	oride blended	17	3	sk		1	32.50	97	50
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1457	+										
										S Same			
				a track									
											1.60		
					Transfer or River					100		42.91	
			7				Water Ex						
			-					A STATE OF THE STA		397			
										100			
					DECELV	EQES	MON			i			
					RECEIV STATE CORPORATION	M COMBine					in the second		
					511113	1990							
					1101 2								
					CONSERVAT Wichita	ION DIVISIO	N.						
			1	T. 4. T. 47	Wichita	Railson							
			1							1			7.0
500-307		2 1	3	Milegge Sur	charge		843.11			j	.10	34	32
				Mileage	TOTAL WEIGHT	LOADE	DMILES	TO	N MILES				
			1			207.00		1.0	/Srevice			at well to	
Part Salar			,	SERVICE CHARGE ON M	MATERIALS RETURNED			cu	FEET				
500-207		2 1	3 5	SERVICE CHARGE		HE THE ST		CU	FEET 30)9	1.10	339	90
500-306		9 -		Mileage Charge	OTAL WEIGHT 25944	LOAD	ED MILES	TO	N MILES 24	9 40	7-		
No. B 857	357	Z [8			23948		RY FORWAR				TOTAL	632	30
			FC	ORM 1911 - R6 REV. 8-85							2 +5 5 2 12		

HALLIBURTON SERVICES

JOB HALLIBURTON DIVISION SUMMARY HALLIBURTON LOCATION

BILLED ON 1/1 1/1 7

44			ere /	WEL	LDATA							
LD.			3EC	TWF.	RNG.	NEW		The second second second		STAT		MAXIMUM P
MATION NAME		TYPE			0.000	USED		SIZE	FROM	TO		ALLOWABL
MATION THICKNESS	F	ROM	то		CASING	139	7178	611		760	A STATE OF	
AL PROD: OIL	BPD. WATER_	BPD. G	GAS	MCFD		9	11	270	May Care			
SENT PROD: OIL	BPD. WATER_	BPD. G	GAS	MCFD		10		1		77		
PLETION DATE	MUD TYP	E	MUD WT		OPEN HOLE							SHOTS/FT
KER TYPE		SET A	т		PERFORATIO	ONS						
TOM HOLE TEMP		PRESSURE			PERFORATIO	ONS						
			DEPTH		PERFORATIO	ONS						
				JOB	DATA							
	TOOLS AND ACC	CESSORIES			CALLED OU		ON LOCA		JOB STARTED			OMPLETED
TYPE AN	ND SIZE	QTY.		MAKE	DATE		DATE		DATE		DATE	
TCOLLAR					TIME				TIME /			4 30
T SHOE									ID SERVICE		1 2	
E SHOE							NAME		UNIT NO. &			LOCATION
RALIZERS					7				JINI NO. &			JOATION
					1				-			
OM PLUG					-						1 15	
PLUG					1 1 1 1		11	194,763	17977	A SERVICE		
)									1 1			
ER					1) 1)		1 6	1118	3693	4		
R											Here	14.00
	MATERI	ALS			(31%	,	111	9-7	330%	2		
T FLUID		DENCITY		O LB/GALAPI		1			1 1997			
AT. FLUID				0								
L. FLUID		_DENISTY		LB/GALAPI								
. TYPE												
	SIZE		LB									
TYPE	G.			_%								
TYPE	G	AL		_%								
TYPE	GA	AL.,		%								
FACTANT TYPE	-GA	AL	IN		DEPARTMENT	- (
GENT TYPE	G	AL	IN		DESCRIPTION	OF JOE						
D LOSS ADD. TYPE _	GAL.	-L.B	IN			97			1 . 10	1 7 7 7 7 7	and the	
ING AGENT TYPE	GAL	-LB	IN				1	00				
RED. AGENT TYPE	GAL.	-LB	IN									
AKER TYPE	GAL.	-LB	IN		JOB DONE TH	HRU: T	UBING [CA	ISING	ANNULU	s 🔲	TBG./ANN.
CKING AGENT TYPE_			ALLB.									
PAC BALLS TYPE		Q			CUSTOMER	TIVE	70		Charles State			
		9			MERKESENIA							
ER				-00	HALLIBURTON OPERATOR_	MON				COPIES		
ER				CTASTA	OPERATOR_					REQUE	STED_	
, uniper			Burrel	TE CORPORT								
AGE NUMBER OF SACKS	CEMENT	BRAND	BULK	11.0	0 1090	ADDI	TIVES			CU.F		MIXED LBS/GAL.
200	30/30 Res	P	2000	- 15 X	4 7 6 6 6		1705			1		-111
					NOTION DIVIS!	00						
				- COCCH	TATION UNITED							
				COMPE	His Kausas							
				Harr								
	PRESCUENCE	DCI			MARY				INC			
	PRESSURES IN				MARY		100	VOLU	JMES	21		
LATING		DISPLACEMENT			PRESLUSH: BBL	GAL			TYPE_			
(DOWN	_N	MAXIMUM			LOAD & BKDN:	BBLGA	AL.		PAD	BBLG	AL	
AGE	FRACT	URE GRADIENT_			TREATMENT: B	BLGAL.	now the		DISF	PL: BBL	GAL	
IN: INSTANT	5-MIN.	ocenou.	_15-MIN		CEMENT SLURR	Y: BBL.	-GAL.					
	HYDRAULIC HOI	RSEPOWER			TOTAL VOLUME	BBLG	AL.					
RED	AVAILABLE		_USED					REM.	ARKS			
	AVERAGE RATE	S IN BPM										
ING	DISPL	0	VERALL									
	CEMENT LEFT	IN PIPE										
	DEACON											
	REASON	THE RESERVE OF THE PERSON NAMED IN				-		the state of the state of the state of		CONTRACTOR OF THE PARTY OF	THE PERSON NAMED IN	The second second second



WORK ORDER CONTRACT

INVOICE & TICKET NO. 3/7737

SHOTS/FT.

FQRM 1908 R-7	A Division of Halliburton Compa
DISTRICT /	b.odl

TO

WE

FIE

FO NA

PA

TOTAL DEPTH

BORE HOLE

-- 0-93

TRICT (, D , P AI					DATE	4- 9	3
						/	
HALLIBURTON SERVICES YOU ARE HEREBY RE	QUESTED TO F	URNISH EC	QUIPMENT A	ND SERVIC	EMEN TO	DELIVER A	ND OPERATE
THE SAME AS AN INDEPENDENT CONTRACTOR TO:		× /-	· Marian	1. 1.1			
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS F	OR THE PURPOSE	OF SERVICE	(CUSTOME	R)			
ELL NO. 1111B LEASE HCU		SEC	11	_ TWP	21	RA	NGE 4/
LO Boolehay county Hamiltons.	STATE		OWNED B	v An	سم و ی و جو ۱	and 5	111
THE FOLLOWING INFORMATION WA	AS FURNISHE	D BY TH	E CUSTOM	ER OR H	IS AGEN	T	1
RMATION TYPE		NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW P.S.I.
RMATION FROM TO	CASING	10	15.5	5%	MA	2755	1
CKER: TYPE SET AT	LINER						

TUBING

OPEN HOLE

PREVIOUS TREATMENT: TREATMENT INSTRUCTIO	DATE	TYPE TYPE	☐ TUBING/ANNULUS ☐ HYDRAULIC	
The State of the S			PERFORATIONS	
PRESENT PROD: OIL_	BPD, H2O	BPD, GAS MCF	PERFORATIONS	
INITIAL PROD: OIL_	BPD, H2O	BPD, GAS MCF	PERFORATIONS	

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees:

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's defaul payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of the uponal account.
- b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and aga any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
- 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The "well owner" shall include working and royalty interest owners.
 - 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.

MUD WEIGHT

Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resultance pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton regigence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer's not apply where the claims or liability are caused by the gross negligence or, willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its division subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That 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 production supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton person 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 again any damages arising from the use of such information.
- d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIOF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or consequential damages.
- e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law.
- g). That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- b) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED

CUSTOMER

TIME

A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

The second second second	100	0.1	7.				L DATA	RIC	I.M. A	Iton		11-
BLD	DKA.	A'Shini	W		SEC. /!	TWP	5 RNG. 4/16	COUNTR	YAMPIX	7		CS
RMATION	NAME	**		TYPE	•	4, 188	USE	WEIGHT	SIZE	FROM	TO 3 (**)	MAXIMUM P
RMATION	THICKNES	V Walter	F	ROM	то	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CASING	13,5	5/2	KB	2755	
TIAL PRO	D: OIL	BPD.	WATER	BPD,	GAS	MCFD	LINER	Mar A	100	1.0	Fre years	
ESENT P	ROD: OIL	BPD.	WATER	BPD.G	AS	MCFD	TUBING	*	27/11	1777		
MPLETIO	N DATE		MUD TY	PE	_MUD WT.	V - P	OPEN HOLE	1	2 14	55	2736	SHOTS/FT
CKER TY	PE	194 A		SET A	т	70.	PERFORATIONS	. 27			1000	
ттом но	LE TEMP.	10 mg	4	PRESSURE	3		PERFORATIONS					
C. DATA		X DEFENSE	Maria Carlo	TOTAL	DEPTH		PERFORATIONS			1		467
			13.00			10	B DATA	10010	ATION	JOB STARTE		COMPLETED
			ND AC	CESSORIES	9-5		DATE 7-22.					9.12.8
175	TYPE A			QTY.	М	AKE					DAT	E/230
OAT COL	LAR				****	in the second	TIME 2300	O TIME	0350	TIME 17	/5 TIM	= 1830
DAT SHO	E	Street, All Car			7- 1-10-	4.5	4	PERS	ONNEL AN	D SERVICE	UNITS	
DE SHO	The state of the s	1 Float S	-	1	How	(22)		NAME		UNIT NO. &	TYPE	LOCATION
NTRALIZ	ERS S	4 572	1	4	Hom	500	G.D.	moo.	RE	- A		
TTOM PL		1	125		141	My or				336	20 16	MARK!
PPLUG	540	是一种有主	M.	1 1	No.	1100	K. 70	YloR		APT IN		T
AD	FEEE	FAIL &	143	1	Hon	160	A	/		095	7 /19	map.
CKER	a share this	GK	181		To Alliand	,	R. 1	Patran	il.	1020		1
HER	40000	2 WELL	A	1	No	000	2.0			3801	09/10	mne.
		N	ATERI	ALS			7. 1	PHUNE	ned	3501	44	/
EAT. FL	alu	No.		DENSITY		B/GAL. API					20 10	mouse
PL. FLU		类		DENSITY		B/GAL. API						1
OP. TYPE		Superior Superior	SIZE	William Control	LB.							
OP. TYPE	44.00		SIZE		LB.							
ID TYPE				AL.	A A							100
ID TYPE				AL.			A 1864	-1-100	12.7		. 46 7 4	
ID TYPE	Contraction of		Agran de la companya	AL.		X						
RFACTA	NT TYPE		G	AL.	V IN		DEPARTMENT	Cox	new	(Arth	AAN SEE	
AGENT	TYPE		G	AL.	IN		DESCRIPTION OF	JOB (How wit	542 P	Long	the had
UID LOS	S ADD.TYPE	Mini,	GAL		IN		10/310		CTR X	1 15 fe fel	Flacie	
	GENT TYPE		GAL		IN .	, J.	DOOSK	4.4	VI they	W F. 1	20 - 10	
	AGENT TYP	C-60 - 1	GAL		IN						and I have	-
	TYPE	SHANNEY		LB.	IN		JOB DONE THRU	тивия П		and Company	ANNULUS	
	AGENT TYPE				ALLB.	- A	JOB BOILE THRO	TOBING L	CA:	7	ANNOLOS [TBG./ANN.
							CUSTOMER	X	7		0.	
PEPAC E	1		4.1			V	REPRESENTATIV	^	for the same	and the same	1	
4.00			7.0				HALLIBURTON OPERATOR	MA	The	ej	COPIES	
HER			1.0	2	4 7.80	CEME	NT DATA	- Pray	100		REQUESTED	·——
HER		1200	API	BRAND	BULK		. AI	DITIVES			YIELD	MIXED
HER_	NUMBER	TYPE	CLASS	. out	SACKED	17 41	77 71			-	CU.FT./SK.	LBS./GAL.
HER	NUMBER OF SACKS	TYPE		I Charle Al	R	24	K flow	115			1.97	12.4
HER		HLC	sr.O	N. 1 2		THE RESIDENCE OF THE PARTY OF T					1.113	15,6
HER		HLC STS	stel	THEAL	18	1/11/11/	(Y Flow	1		1		
HER		440 518	srel srel	THAI	R	1/11/	CK Flor	-	7			13. 15. 1
HER_		H40 =1.9	57. C	JHCAI	R	1/1/11/	CK Flor					
HER TAGE	State	HLC <1.8		T-MAI	R	1/1/11/	CK Flor		i i			
HER TAGE	State	HAC	JRES IN	5 AAI		SUMMAI	Y Flor		VOLU	MES	7	
TAGE	SlaC JINY	HLC <1.8	JRES IN	I PSI			PRESLUSH: BBLG	AL	Volu	MESTYPE	***	
TAGE	SlaC JINY	HAC ETS	JRES IN	5 AAI			RY PRESLUSH: BBLG	AL	Volu		D: BBLGAL.	
TAGE	3 (a C) // Y)	HAC ETS	URES IN	I PSI			PRESLUSH: BBLG	AL		TYPE	D: BBLGAL PL: BBLGĀL.	
EAKDOW ERAGE	3 (a C) // Y)	H4C e7.Q PRESSU	JRES IN	PSI PSI AXIMUM TURE GRADIENT			PRESLUSH: BBLG	AL. LGAL		TYPE	PL: BBLGAL.	
HER	SIGO	H4C e7.Q PRESSU	JRES IN	I PSI DISPLACEMENT_ MAXIMUM_ TURE GRADIENT			PRESLUSH: BBLG LOAD & BKDN: BB TREATMENT: BBL	GAL.			PL: BBLGAL.	- (* C)
HER	SIGO	PRESSU	FRACTOR STATE OF THE PROPERTY	I PSI DISPLACEMENT_ MAXIMUM_ TURE GRADIENT			PRESLUSH: BBLG LOAD & BKDN: BB TREATMENT: BBL CEMENT SLURRY:	GAL.	. 147.	TYPE PACE DIS	PL: BBLGAL.	
HER	SIGO	PRESSU	FRACTOR STATE OF THE PROPERTY	I PSI DISPLACEMENT_ MAXIMUM_ TURE GRADIENT	18-MIN.		PRESLUSH: BBLG LOAD & BKDN: BB TREATMENT: BBL CEMENT SLURRY:	GAL.	147.	TYPE PACE DIS	PL: BBLGAL.	
HER	SIGO	PRESSU HYDRAUL AVAILA	FRACT - 5-MIN. - IC HOR ABLE E RATE	I PSI DISPLACEMENT_ MAXIMUM_ TURE GRADIENT RSEPOWER S IN BPM	18-MIN.		PRESLUSH: BBLG LOAD & BKDN: BB TREATMENT: BBL CEMENT SLURRY:	GAL.	147.	TYPE PACE DIS	PL: BBLGAL.	
CULATI	SIGO	PRESSU HYDRAUL AVERAGE	FRACT - 5-MIN. - IC HOR ABLE E RATE	I PSI DISPLACEMENT_ MAXIMUM_ TURE GRADIENT RSEPOWER S IN BPM	18-MIN.		PRESLUSH: BBLG LOAD & BKDN: BB TREATMENT: BBL CEMENT SLURRY:	GAL.	147.	TYPE PACE DIS	PL: BBL,-GAL.	

ORIGINAL

TICKET No. 817937-[]

FORM 1906 R-11

WELL NO, FARM OR L			COUNTY	STAT		CITY / OFF	SHORE LOCATI	ON	l l	DATE	25.0		
11111 13	<u>кс и</u>		Vamilto	<u> </u>	<u> </u>					9.23			
CHARGE TO		•	. i	<i>i</i> 1	OWNER	,	سبر	1	_	HECK ONE)	NYTROG	. —	
ADDRESS .	HERMAL E		01012 x	3710,2	CONTRACTOR	PICHX	<u> </u>		CE X.	SALES	CODE	NO 🔀	
ADDRESS		F			CONTRACTOR		×	, I1'	,		موسر ا	die	
CITY, STATE, ZIP				_ 	SHIPPED VIA	FREN	SHT CHARG	SES L	CATION	DAR	Cos 50	7/	
	•				Cate	だ. 🖂	PPD O	ошет 2	OCATION				
WELL TYPE	WELL CATEGOR	Υ		WELL PERMIT NO.	DELIVERED TO	· ·			OCATION		CODE		
••	•				ORDER NO.	RACH	(e	ري _{خ ي} ا3"					
TYPE AND PURPOSE OF	JOB			D	ORDER NO.)	REFER	RAL LOC	ATION			
				B-814876									
As considerati of Invoice, Upon C	on, the above-named Custom ustomer's defoult in payment	of C	stomer's accou	iburton in accord with the rates and to at by the last day of the month follow in the event it becomes necessary to be terms and conditions shall be govern	erms stated in Hallibu ring the month in wh	rton's current pr ich the invoice is	ice lists, Invo	icos payable NE omer agrees to p	by the 20 say interes	Oth of the foi t thereon of	lowing month after ar default at the hig	date hest	
· fees in the amount	t of 20% of the amount of the	unpak	d account. Thes	terms and conditions shall be govern	ed by the law of the	state where serv	ices are porf	ormed or equipm	entormat	eriols are fun	nished.	OILITY	
FITNESS FOR A PAR of action (whather in	TICULAR PURPOSE OR OTH	ERWI	SE WHICH EX	riple and that the same are free from a TEND BEYOND THOSE STATED IN T enty or otherwise) arising out of the option, to the allowance to the cus	HE IMMEDIATELY PI	RECEDING SEN	ENCE. Hallil	burton's liability terials is express	and cust	to the replacement	sive remedy in any	Couse oducts,	
punitive or consequen	on their return to Mailiburto: tini damages.	n or, i	at Halliburton's	option, to the allowance to the cus	tomer of credit for t	the cost of such	items. In n	o event shall Ha	lliburton b	e liable for 1	special, incidental, in	ıdişect,	
PRICE'	SECONDARY REF	Ŀ		D. C. C. D. D. T. L.		UNIT	S 1	UNITS	2	UNIT			
REFERENCE	OH PART NO,	ů.	ACCOUNT	DESCRIPTI	UN	ΩTY	MEAS	ΦTY	MEAS	PRICE	AMOUN	41	
200-117				MILEAGE		1 6	Slasi			2.20	1 21/2	e e e	
1-00-1			-	/2 A1	_	<i>U</i> 3	lu.	. 3		اما من واتيم	 		
001:016			<u> </u>	Rump Cha	RGC	375	5 41		<i>አ</i> ደ5		جرج ا	1 0c	
-020-04	, ·			SW Rubber	Muy		1. 1.18	< %	فرتر او	ľ	44	30	
- 10 Jun - 414	1115 1314	<u> </u>		The said The said	1.54		1	إنم			723		
	- 14 / 1 · 21 / 2	┢		MADS CREEP NOGIT	1 K () (-	$r < \infty$		<u>. 1 /4.2</u>		1		
27	215,193,5			Fillipelleri	**		100	_	! !		3/2		
40	C199. 9 302.72	ļ.,		Sout and a second	0 6-4	و	1	~ K	 	44.00	3776	1 0	
-1 chair	\$50,10802			Hallitanatas		-		ं संग्रहे	i		11		
	3 70, 1123 17 24	├─		7751 7 1 5 3 2 7 7 7 7 8	<u> </u>	 	15.15		<u> </u>		1	(e.: <	
	<u> </u>						- 		! 	ļ	 	 	
	-				-		_i		i L			L	
•							1-5		! !			Г	
**		 		anies	Ac	77		11-3	<u>, </u>		 	 	
	 	-		211/23	· ~ (1)		\\ /	1	<u>i</u>		 	—	
<u> · · · · · · · · · · · · · · · · · · </u>			57	111111111111111111111111111111111111111	~ U//		¦د		1 1				
			ì	m ~ []]	1915		!						
			 	11/1/2	7		† - -		<u>, </u>	 	 	+-	
		<u> </u>		17/1/27	 -		 -		<u>i</u>	 	}	—	
<u> </u>			75				<u>!</u>		 				
•	~ 1110	1)	177	•			į -		į				
	11/4/6	ŕ	ľ				 		 	—	#	 	
7 C (1) (1)	\\\ <u>\</u>		ļ.——			+	 		<u> </u>		₩	₩	
119 Mars		L		<u> </u>			<u> </u>		<u> </u>		<u> </u>		
1 maritimes	1	1		·	_		l I		ι		}		
	٠							 	- -	-	 	 - 	
	 :	├	ļ <u></u>			-		 	<u> </u>		₩	 	
<u> </u>	<u> </u>		<u> </u>	•			_i	<u> </u>		<u> </u>	<u> </u>		
AS PER	ATTACHED BULK	M	ATERIAL	DELIVERY TICKET N	0.	B - ♦	144						
WAS JOB BATISFACTORIAN	COMPLETED			WE CERTIFY THAT THE FA				· · ···			4052	+	
WAS OPERATION OF EQUI				FURNISHED UNDER THIS C	WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.						5652	.79	
	ERSONNEL SATISFACTORY?				_							'	
				<i></i>	<u> </u>	<u> </u>			_	SUB TOTAL	<u> </u>	<u> </u>	
CUSTOMER OR I	HIS AGENT (PLEASE PR	INT			"HALLIBURTO	N OPERATO	H-refrie				APPLICABLE TAX BE ADDED ON I	(ES WIL INVOICE.	
X -1	ني ممين الا		· .	HALLIBURTON APPROVAL	•	,							
CUSTOMEN OR I	IS AGENT (SIGNATUR	Ē)			CUSTOMER				-				

HALLELIZTON SERVICES

BULK MATERIALS DELIVERY

TICKET CONTINUATION G | Sport invoice and tricket no.

DATE	CUSTOMER ORDER	· WELL NO. AND FARM	•		1	YTNL									
23 Sept 89	23 Sept 89				1 <u>C</u> U		<u>}</u>	lan	milton Ks						
			1				CONTRAC		. 7	1.	·· No. B	814 8	76		
MAILING ADDRESS	an Expl	01.9	1102	Amenica	<u> </u>	<u> </u>	LOCATIO	CODE	INC PREPA						
. 45	' ', '	•		Lamar	DELIVERED TO TRUCK					FECEIVED BY					
CITY & STATE	v. /	•				-	1020-	460	19	VED BY		-			
		· —		hocatio	7		3801	-50	70		·	, 			
PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D		DESCRIPTION	·		UNIT:	S 1	OTY.	MEAS.	UNIT PRICE	. AMOUN	ΙT		
504-308	. ''.		Id.	es 1 5+2 Car	uln!	4	100	s.k			5.90	590	00		
504-316	<u> </u>		1/2/1	burton high	15	77	360	sk		<u> </u>	5.30	1908	00		
507-210	, Contraction of the Contraction	[]		oele@ Yya/st			115	ì		<u>i</u>	1.27	146	05		
	1 1 1					,				 />					
· · · · · · · · · · · · · · · · · · ·								i i	6	X		•	1		
1,000	13.							<u> </u>		D	.;		1		
		<u> </u>	T -	• •				~	10	 			T		
8 3 4		•	-	24			-		\\	1			 		
1 X - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		+ -					-	12		 			+-		
7.74.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	╁┼-				 _	9	<u> </u>		 	 		+		
		╁┼				. 	12	 		╁		 · 			
		╁┼	-	 		^	5~	<u> </u>		 	-	 	+-		
	\ 	-	<u> </u>		- (////	<u> </u>	 		 		<u> </u>	-}		
, , , , , , , , , , , , , , , , , , ,		Н-	-,			<u>)) . </u>		<u> </u>		<u> </u>	,	<u> </u>	╄		
					1/2	• 		<u> </u>							
\$4.					<u>) </u>	· .	ļ 	<u>i</u>		}		<u></u>			
				· @ >				<u> </u>	Ĺ	<u>i</u>					
					•			[
		\prod		5/10		٠				1					
				· · · · · · · · · · · · · · · · · · ·	• -			†		+			1		
		1:1						 	†	†	 		+		
		 			7			 	 	† ;		 -	+		
		+	'	 			†	 	 	 		¥	+		
2	1 N N N	++	Returned				L	Т.		ــــــــــــــــــــــــــــــــــــــ	-	 -	+		
di San	4 - 5 20		Mileage Charge	TOTAL WEIGHT		LOAD	ED MILES	7.	ON MILES	•		٠			
						547									
	-	++	SERVICE	CHARGE ON MATERIALS RETU	RNED		 	c	U. FEET			ļ			
500-207	13. 15.	1.	SERVICE	CHARGE	•	• -			U. FEET 4	60	.95	437	00		
500-306		1	Mileage Charge	342,714	1.5	. 6	_	· 1	388.		·l	901			
	1070	<u></u>	1	TOTAL WEIGHT	3.4		RRY FORWA		ON MILES	<u> </u>	.70	111	74		
№ B: 81	4876	. »:			, F							4052	79		
	1	₹,	FORM 191	11 - R6 REV. 8-85) 12E.	CUSTOME	R	, .					;		

	URTON SE			WEL	L NO.	1171	_ LEASE	TICKET NO
JÇ	B LC	G .		cus.	TOME	الأركز	nearc	AN END PORATION
FORM 2013	R-2	Y		JOB	TYPE		51/2	Longsteing DATE 9-23-89
	TIME	RATE (BPM)	AOLUME (BBL)	PUA	1PS	PRESSU	RK (PSI)	DESCRIPTION OF OPERATION AND MATERIALS
	2300		(GXE)	۳	С	TUBING	CASING	CAlled Dul
- 1 9.	0400			 -				REGUESTONLES
	0330		•	-				ONLOW, ALSLOGGING
	17:15		•		 			HOOK Up To Creculate when
	1738						100	· START MIKING CEMENT
	1814	4	147			·	0	Finish Mixing Coment
	1815		_					DROP Plug WASh Pumptline
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1817			_		-	0	START DISPLACEMENT
1 6 %	1830	· \$	45.5				700	FINISH DISPINCEMENT
1	- day							Phy Lawreland, Float held
- 4 "				·	_			
- 'Y	42		1.1	-			, ,	Cement DIANT CIENTA
300	3,						,	The state of the s
5.25								
			·-		77			
2		, Green	0.			, *		
	1 1 2 1 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1							
		1 1 1					:	
<u> </u>	The stage of the s			-	u		,	
47.00		17 - 35 NEB			·	ir	3.	
2.00	3 1 1 m	11.18	٠,	. ,		h		1 11101
<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1-				
Ca >	145 K-	, give a line	- ' '			<u> </u>		1 h AM
	. J. 💝					·		1 10 DIONE
Take	* * * * * * * * * * * * * * * * * * *	37 (gr	<u> . </u>	<u> </u>		·		MIT
<u> </u>	3 2 500	<u>।</u> ।		<u>.</u>	<u> </u>			Mary De
	W v	•	• .*.(-			<u> </u>		1/4
		· -	· · ·	ļ		, 		V. AND
	4.3	"v" -		<u> </u>				
		17.5						
	The state of the s	-		ļ		, , -	· . '	ě
1 (1) 10 (4)	70 - 70 -	- , -	··		<u> </u>	· · ·		
.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>-</u>	<u> </u>		٠.	<u> </u>		
	102.	· , · , ,	1		<u> </u>	3*		
1.3 =	多 通过 1				<u> </u>		1 4	
1	學生 7	1-12/2						
	જિલ્ફોર હતે કહ		[· · ` .					

DRILLERS LOG

AMERICAN EXPLORATION COMPANY HCU #1111-B SECTION 11-T21S-R41W HAMILTON COUNTY, KANSAS

COMMENCED: 09-20-89 COMPLETED: 09-23-89

SURFACE CASING: 270' OF 8 5/8" CMTD W/175 SX "C", 2% C.C.,

1/4#/SX FLO-SEAL

FORMATION	DEPTH
SURFACE HOLE	Ŋ- 285
SAND	285- 379
SAND & CLAY	379-1118
RED BED	11181410
SAND & RED BED	1410-1818
CLAY & SHALE	1818-2465
SHALE	2465-2736 RTD

1 DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLEF.

RECEIVED STATE CORPORATION COMMISSION

CHEYENNE DRILLING, INC.

SEP 2 9 19891

CONSERVATION DISTOR Wichita, Kansas

A. J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 26TH DAY OF SEPTEMBER, 1989

BECKY J. WHETSTONE NOTARY PUBLIC STATE OF KANSAS MY APPT. EXPIRES 4/29/91

Becky J. Whetstone

BECKY J. WHETSTONE, NOTARY PUBLIC

