## ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION	API No. 15- 129-21165 -0000 UNIGINAL
WELL COMPLETION FORM	County Morton
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND USE	SW - SW - NE - NE sec. 27 Twp. 32 Rge. 40 X West
perator: License # 5952	4030 Feet from N (circle one) Line of Section
Name: Amoco Production Company	1250 Feet from (E)W (circle one) Line of Section
Address P.O. Box 800, Rm. 2118	Footages Calculated from Nearest Outside Section Corner: NE, SE, NW, or SW (circle one)
	Lease Name Federal Land Bank G. Well B
City/State/Zip Denver, CO 80201	Field Name Hugoton
urchaser:	Producing FormationN/A
perator Contact Person: Julie Victor	Elevation: Ground 3320' KB 3331'
Phone (303) 830-4009	Total Depth 631' PBTD
ontractor: Name: Cheyenne Drilling	Amount of Surface Pipe Set and Cemented at 561 Feet
License: 5382	
,	Mulitple Stage Cementing Collar Used? Yes X No
/ellsite Geologist:	If yes, show depth set Feet
esignate Type of Completion	If Alternate II completion, cement circulated from
	feet depth to w/ sx cmt.
Gas,ENHRSIGW	Drilling Fluid Management Plan  (Data must be collected from the Reserve Pit)
Other (Core, WSW, Expl., Cathodic, etc.)	(Data must be collected from the Reserve Pit)
Workover/Re-entry: old well info as follows:	Chloride content 5800 ppm Fluid Volume 2140 bbls
Operator:	Dewatering method used dried and filled
Well Name:	Location of fluid disposal if hauled offsite:
Comp. Date Old Total Depth	
Deepening Re-perf. Conv. to Inj/SWD Plug Back PBTD	Operator Name
Commingled Docket No.	
Dual Completion Docket No.  Other (SWD or Inj?) Docket No.	
5/8/93 5/9/93 5/12/93	Quarter Sec. ———Twp. ————S.Rng. ————E/W
ud Date Date Reached TD Completion Date	County Docket No
COAPONA C	VI.
-3-10) for confidentiality in excess of 12 months/4/Die copy 65	physikh the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, orkwar, or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. period of a months if requested in writing and submitted with the form (see rule by wireline logs and geologist well report shall be attached with this form. ALL in all plugged wells. Submit CP-111 form with all temporarily abandoned wells.
······································	v 5-24-93 recd
requirements of the statutes, rules and regulations promulgated atements herein are complete to the best of my knowledge.	to regulate the oil and gas industry have been fully complied with and the
gnature Juliu Victor	K.C.C. OFFICE USE ONLY
	RAY 20, 1993 F Letter of confidentiality Attached Wireline Log Received
bactibed and sworn to batore me this 20 day of	May, 1993 C Duitters Timelog Received
otary Public Andrew March	ON Distribution
ate Commission Expires 18 Cumber 26,	1994 KCC SWO/Rep NGPA KGS Plug Other

Operator Name	<u>lmoco Produc</u>	tion Company	Lease No	me Fede	ral Land B	ank G.U. B	ell# 2HI
		• • •	County		Morton	. 4	
Sec. <u>27</u> Tw	p. <u>32</u> Rg	e. 40 East X West					
and closed, flowing a	nd shut-in pressur	and base of formations as, whether shut-in pr est. Attach extra shee	essure reached stati et if more space is n	ic level, hydro	ostatic pressures	tests giving inter , bottom hole ten	val tested, time tool open nperature, fluid recovery,
Drill Stem Tests Take (Attach Additions		Yes X No	Log	) Form	ation (Top), Dep	th and Datums	Sample
Samples Sent to Geo	logical Survey	Yes X No					
Cores Taken		Yes X No	Name	-	ד	op Dat	um
Electric Log Run (Submit Copy.)	) [	Yes X No	1			•	·
List Ali E. Logs Run:	ž .		-	٠.			
•							
	<u></u>	CASING RECO	RD X New				
		Report all strings set	- <del></del>	Used , intermediate	o, production, etc	<b>:.</b>	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent . Additives
Surface	12-1/4"	8-5/8"	24#	561'	Class C	690	
Production	7-7/8"	5-1/2"	15.5#	None			
<del></del>	<u> </u>		NAL SPIENTING	A115-75- DEG		<u> </u>	
Purpose:	Depth	Type of Cement	MAL CEMENTING/S # Sacks Used	CLUEEZE REC		d Percent Addition	ves
Perforate Protect Casing Plug Back TD	Top Bottom					· · · · · · · · · · · · · · · · · · ·	
Plug Off Zone						1	
	PERFORATION	N RECORD - Bridge Plu	ıgs Set/Type	1	Acid, Fracture, S	hot, Cement Squ	Jeeze Record
Shots Per Foot		otage of Each Interval		(Amo	unt and Kind of N	Material Used)	Depth
	Y Y Y			er.	7		A
		·		······································	· Property	· 	
	4 5 7 45	<u> </u>		. 4		·	<del></del>
TUBING RECORD	Size	Set At	Packer At	Liner Run		'es X No	
Date of First, Resumed	Production,SWD	or Inj Producing Met	thod Flow	ring P	umping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil	Bbis. Gas	Mcf Water			Gas-Oil Ratio	Gravity
Disposition of Gas:		1	METHOD OF COMPL	LETION		78 s	Production Interval
Vented Sold	· Used on Les		ole Perf.	Duali	ly Comp.	Commingled	
(If vented, submit AC	0-18)	Other (S	Specify)		·		

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## HALLIBURTON SERVICES JOB LOG

WELL NO. 2 HI LEASE Feder	alland Bank TICKET NO. 345530
CUSTOMER Cheyrane Dily	
JOB TYPE & SULFACE	DATE 5-8-93

FORM 2013 R-2

T.D. last circulation 100 sks Premium Plus 100' 1'pipe 100' 1,00 c.sc.  Cloating equat.
p mud, NO c.se
p mud, NO c.sc
p mud, NO c. sc
p mud, No c.rc
p mud, No c.rc
floating quat.
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down shot in head
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eller (Top Dit)
Late (upprox 40' dusa)
llac
eller (approx 40' down)
1 2kr.
Mar w/ Cutter send hills
Les (appeux 20' dues)
, <del>t</del>
celler w/1" pipe (20)
1 to suclece (3HIS)
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. PAGE 1 OF \_\_\_\_ PAGES



#### TICKET ODICINIAL NO 345530-9

FORM 1908 R-11  WELL NO—FARM OR LEASE NAME  A HT FERE COLL LC, NO BONK  BANK  COUNTY  WELL NO—FARM OR LEASE NAME  A HT FERE COLL LC, NO BONK  CHARGE TO  CONTRACTOR  CONTRACTO	•					_	Ouncer, Oldeh	inurton Company	U	KII	אאוכ	4 L	NO. 3 4	10000	5_
AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.  AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.  B-1/1597  AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.  B-1/1597  AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.  B-1/1597  AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.  B-1/1597  AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.  B-1/1597  B-1/1597  AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.  B-1/1597	FORM 1906 R-11					<b>W</b> A	DIVISION OF FIZ	mounton Company							
Control   Cont	WELL NO.—FARM O	A 1 1 1						I -		CITY/OFF	SHORE LOCAT	TON	T		
ADDRESS OF THE PRODUCT OF THE PRODUC	CHARGE TO	reacdal Law	d	Bank	_   ///	orton	·		K?		ТПСКЕ	T TYPE (C	HECK ONE)		
Chetyphane Orly # 2   Thiberal   0.25540	Cheyen	or Drilling						Amoca	<b>-</b> )			_	l 'T	_   _	
WELL TYPE  O1  O1  B-/7/597  MELL GREAT NO.  DESCRIPTION  DESCRIPTION  MILEAGE 8408 1 UN 10 M	ADDRESS	J			_			CONTRACTOR	_	# 2	( 73	1.1	/		- 60 61-
WELL TYPE OI	CITY, STATE, ZIP									HT CHARG	ES 2L		70.1		3 40
The AND College of Job   B- /2/597   The property of the college	MELL TYPE	WELL CATTO			NATEL DE	DMIT NO				PPD	COLLECT Z	Hug	oton		525
The AND CHIPCES OF JOB		i			WELL FO	NIVIT NO.			100		3	UCATION		CODE	
AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.    Control of the property o			•	,	R-		ļo		, , ,					I	
Note   Secondary ref   C   Account   Description   Units   Units   Units   Units   Amount			er agi	rees to pay Hal	/			s stated in Hallibur	ton's current pri	co lists. Invo	ices payable N	ET by the	20th of the fo	Dowing month after	date
DESCRIPTION	lawful contract ra- fees in the amoun	te applicable, but never to excit of 20% of the amount of the	ed 11	8% per ennum. d account, The	in the event it is se terms and cor	becomes neces nditions shall be	ssary to emp a governed b	Noy an attorney to ny the law of the st	enforce collecti late where service	on of said a es are perfo	med or equipm	er agrees cent or ma	to pay all colle tenals are furn	ction costs and atti shed.	orney
DESCRIPTION									-						
AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.  MILEAGE 8408 1 UN 10 M. 3.75 27 50  MILEAGE 8408 1	PRICE	SECONDARY REF			_ <del></del>			<u> </u>	UNITS	<del></del>	UNITS	52	LINIT		
AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.    Pump Change   8 Ar 564 ft   735 00	RÉFERENCE	OR PART NO.		ACCOUNT		DESCR	HPTIOI	· · · · · · · · · · · · · · · · · · ·	OTY	MEAS	ΩT¥	MEAS		AMOUN	л 
30-016	000-117				MILEAG	iΕ	840	ઇ	1	101	10	M.	2.25	27	50
80-016   Swiper Top Plus   ca 8% in   120 00  597 825.1268   Alum. Beffle   1 ca 8% in   45 00  40 809.93059   Centralizers   3 ca 8% in   12 216 00  350 898.10882   Weld A   1 ca   1 16   14 50  001-018   Additional hours   8 hr   1950 1560 00  AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.   B-171592   8240 59	001-016				Pum	o Cho	(10 C		8	110	564	4+		735	00
\$97 \$25.1268 Alum. Beffle		_					O					!			
\$97 \$25.1268 Alum. Befile 1 cc 8/e in 45 00 40 \$09.93059 Centralizers 3 ca 8/e in 22 216 00 350 \$90.10802 Deld A 1 ca 1 16 14 50 001-018 Additional hours 8 hr 1950 1560 00  AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. B-17/597  IN SCRIPTLY THAT HE TARIAMON STANMANDS ACCRETING MASSERS.	30 - O16				500	per 1	Top P	lus	/	lea	848	in		120	00
40 809.93059   Centralizers 3 ca 8% in 22 216 00 350 890.10802   Deld A	597	825-, 1268			Alum.			<del>- 0</del>	/	ca	8/2	1/4		45	00
350 899.10802					Centi	ralize	-/5		3	Ca	85/8	111	22	216	00
AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. B- 17/597  WE CERTIFY THAT THE FARM ARON STANDARDS ACT OF 1930 AS AMERICAN BERN	350	890.10802			Wele	d A			/	le w	1	16		14	50
AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.  B- 171597  LWE CERTIFY THAT THE FARILABOR STANDARDS ACT OF 1833 AS AMERICAD HAS REFN.  1. 27/8 CO. 8240 59					Addi	lional	hoo	<i>)/</i> S	8	1/4		!	1950	1560	00
AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.  B- 1715-97  WE CERTIFY THAT THE FARE LARDER STANDARDS ACT OF 1939 AS AMENDED HAS DEEN.  WE CERTIFY THAT THE FARE LARDER STANDARDS ACT OF 1939 AS AMENDED HAS DEEN.										i		1			
AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.  B- 1715-97  WE CERTIFY THAT THE FARE LARDER STANDARDS ACT OF 1939 AS AMENDED HAS DEEN.  WE CERTIFY THAT THE FARE LARDER STANDARDS ACT OF 1939 AS AMENDED HAS DEEN.			_				•			1		I f			
AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.  B- /7/597  WE CEITIFY THAT THE FARM LANDER STANDARDS ACT OF 1939 AS AMPINDED HAS BEEN.  WE CEITIFY THAT THE FARM LANDER STANDARDS ACT OF 1939 AS AMPINDED HAS BEEN.												i I			
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WE CERTIFY THAT THE FAIR LARGE STANDARDS ACT OF 1938 AS AMENDED HAS REFN										!	,	-			
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WE CERTIFY THAT THE FAIR LARGE STANDARDS ACT OF 1938 AS AMENDED HAS REFN										- <del>i</del>		i !			
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WE CERTIFY THAT THE FAIR LARGE STANDARDS ACT OF 1938 AS AMENDED HAS REFN	· · ·			<u> </u>								; !			<b> </b>
WE CERTIFY THAT THE FAIR LARGE STANDARDS ACT OF 1938 AS AMENDED HAS REFN				<b> </b>	<b>†</b>					<del> </del>		<del> </del>			-
WE CERTIFY THAT THE FAIR LARGE STANDARDS ACT OF 1938 AS AMENDED HAS REFN		<del>-</del>					<del>.</del>		<del> </del> :	<del> </del>		<u> </u> 			
WE CERTIFY THAT THE FAIR LARGE STANDARDS ACT OF 1938 AS AMENDED HAS REFN		-			<u> </u>					<del></del>		<u> </u> 	<del> </del>	5710	00
WE CERTIFY THAT THE FAIR LARGE STANDARDS ACT OF 1938 AS AMENDED HAS REFN	AS PER	ATTACHED BULK	MA	TERIAL D	L DELIVERY	TICKET	NO.	<u> </u>	B- 1/7/	590	I			92110	-a
						CERTIFY THAT	T THE FAIR 1.	AROR STANDARDS	S ACT OF 1938	AS AMEND	ED HAS REEN	181		0270	10/

X CUSTOMER OR HIS AGENT (PLEASE PRINT) X \_\_\_\_\_CUSTOMER OR HIS AGENT (SIGNATURE)

FIELD OFFICE

Richal L Tungh HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.



### **BULK MATERIALS DELIVERY**

TICKET CONTINUATION ORIGINAL SYSSES

DATE	CUSTOMER ORDER	NO	),		WELL	D. AND FARM	G,U. "B"	co	UNTY				STATE	
05-08-93					Fed		d Bank #		Morto	าก			Kansa	as
CHARGE TO					OWNER			CONTRA	CTOR			Na D	1715	07
Cheveno-					Amo	eco Produ RED FROM	ction	Chev	on code	# <i>Q</i>	REPARED BY		<u> </u>	31
					Hug	goton, Ks		0255			Mike 0		t	
CITY & STATE					DELIVER	RED TO		TRUCK N	10.	FI	ECEIVED BY			
		_			NWA	Rolla.	Ks	3525	<u>-7581</u>	7	Turk			
PRICE REFERENCE	SECONDARY REF. OR PART NO.		DE D		DEŞ	CRIPTION		UNIT QTY.	S 1	υ ΩΤΥ	NITS 2	UNIT PRICE	AMOUN	Т
504050	515-00265		⇈	Pre	nium Plus	Cerent		600	<del>                                     </del>			8.95	5320	0,00
504-120		2	В	Hal	liburton L	ight Cem	ent	140	sk			8.05	1127	တ
													_	
507-210	<b>890.50071</b>	2	В	Flo	cele h#W/	/ 290		73	1b			1.40	102	20
509-406	890.50812	2	B	Cal	cium Chlor	ride 2%W	/ 290	14	sk		- <del> </del>	28.25	395	50
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-	-	-	$\vdash$	<u> </u>	<del></del>				+ +				<u> </u>	
		-	$\vdash$	Returned				<u> </u>	<u>, , , , , , , , , , , , , , , , , , , </u>					-
		L	igspace	Mileage Charge	тота	L WEIGHT	LOAD	ED MILES .	TON	MILES	3			
				SERVICE	CHARGE ON MATE	RIALS RETURNED	<u> </u>		CU. F	EET				
500-207		2	E	SERVICE	CHARGE				CU, I	FEET	259	1.25	946	25
500-306		2	E	Mileage Charge	2050 TOTAL	<i>04</i> .weight		LO DED MILES		SZ MILES	<i>5</i> 2	-85	299	44
	1597						<b>L</b>	RRY FORWA	<u> </u>	-		TOTAL		
				FÖÄM 1811	- R7 REV. 8-85								8240	159

JOB SUMMARY HALLIBURTON Eastern Area

HALLIBURTON LIGHTS

LOCATION LIGHTS

TO I CIA I PILITED ON 385530

					DATA				$\bigcirc$ 11 $\sqrt{7}$	\	
TELD_N. Rall	a		_sec2	<u>2_twp.32</u>	5_RNG, 4/		COUNTY	Morto	<u>^</u>	STATE	<u> </u>
ORMATION NAME_		TYP	E			NEW USED	WEIGHT	SIZE	FROM	то	MAXIMUM PSI ALLOWABLE
DRMATION THICKN	:SSF	ROM	то_		CASING	N	24	845	K.B	568	
ITIAL PROD: OIL_	BPD. WATER_	8PD.	GA5	MCFD	LINER						
ESENT PROD: OIL	BPD. WATER_	BPD.	GAS	MCFD	TUBING	J					
MPLETION DATE	MUD TYF	'E	мир wт	г	OPEN HOLE	:		12/4	K.B	<i>SS</i> &	SHOTS/FT.
CKER TYPE		5ET A	λΤ		PERFORATI	ONS					
TTOM HOLE TEMP		PRESSURE			PERFORATI	ONS			<u> </u>		
5C. DATA		TOTAL	DEPTH		PERFORATI	ONS			<u> </u>	<u>                                     </u>	
				JOB	DATA	_			,		
	TOOLS AND ACC	ESSORIES	<del>,</del>		CALLED OL		ON LOCA		JOB STARTE		B COMPLETED
	E AND SIZE	QTY.		MAKE	DATE J			-8-93	DATE 5.9	9-43 o	ate 5-9-93
OAT COLLAR	Alum BaHle	/	]-		TIME #6	<u> :30</u>	TIME /	9100	TIME ()/	<u>30 ™</u>	ME 12:00
OAT SHOE		<u> </u>	0				PERS	ONNEL AN	D SERVICE	UNITS	
JIDE SHOE			L	<u>,                                      </u>		1	NAME		UNIT NO. 8	TYPE	LOCATION
NTRALIZERS		_3			Bless	1					1
OTTOM PLUG		<u> </u>	H			,,		4033	4007		speral
OP PLUG			O		1. W.1	11.2m.			5293		
EAD		/	<u></u>	<u>.</u>			C 9	1591	8408		ibrial
ACKER				C	15 M.	115			362	I	
THER Weld				0			<u>S</u>	7018	758		lugotun
	MATERI	ALS			13. (1.	n C			5282	ا ع	
REAT. FLUID		_DENSITY		O LB/GAL-API			B	4372	661	<u> </u>	lugato
SPL. FLUID		_DENISTY		O LB/GALAPI						- 1	u ——
10P. TYPE	SIZE		LB								
OP. TYPE	5(ZE		,LB.						1	1	
CID TYPE		AĹ		_%					_		
CID TYPE		AL		_%					_		
CID TYPE		AL		_%					<u></u>		
JRFACTANT TYPE_		AL	IN		DEPARTMEN	T Cel	men+				
E AGENT TYPE	G	AL	IN		DESCRIPTION	OF JOB	<u>85/2</u>	<u>.'a Su</u>	rfice		
UID LOSS ADD. TY	PEGAL.	-LB	IN								
ELLING AGENT TYP	EGAL:	-L8	1N								
RIC. RED.: AGENT TY	PEGAL	LB	IN								
REAKER TYPE	GAL.	-LB	IN		JOB DONE T	HRU: TI	DBING	م	EING 🗷	ANNULUS	TBG./ANN.
LOCKING AGENT TY	PE		GALLB			V	0	a t	, ^V	0	
ERFPAC BALLS TYP	Е		QTY		CUSTOMER REPRESENTA	TIVE X	<u>`_``</u>	121\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	-44E	است	
THER		_			1111 - 100	. /	ر لار د		•		ı
THER					HALLIBURTO OPERATOR_	N K	Tengh			COPIES REQUESTE	D
<del>.</del> 1		1	ī	CEMEN	IT DATA		=			1	
STAGE NUMB	ER CEMENT	BRAND	BULK			ADDIT	rives			YIELD CU.FT./SK	MIXED LB5./GAL
	44.		-	001 1	, 11 H	1. 1 - 20	-/ /				
1 140		<del> </del>	<del>1</del> -₹2-	2900.0	- , 747	SK 1.	OK. F. /-			20%	125
2 150	Memium Plus	<del>                                     </del>	B	24.00	<u>, 14%</u>	+ Flo	cle			132	111.5
		<u> </u>	+		•						-
			+								
	PRESSURES IN	l PGI	<u> </u>	SÜMN	1A BV			VÓLU	MEC		
OCUL ATIMO					PRESLUSH: 88	Locat		VOLU	MES TYPE.		
RCULATING		DISPLACEMENT			LOAD & BKON:					D: BBLGAL.	
			-							PL: EEDAL.	77 5
/ERAGE		TURE GRADIENT.			TREATMENT.			,	DIS	ML: KBL. DAL.	
	HYDRAULIC HO	RSEPOWER	1 5-MIN		CEMENT SLUR		- ,				
	****** - *** =		Hees		TOTAL VOLUM	E BEE-35	6AL.—///-5	REM/	ARKS		
200000	AVAILABLE	S IN BPM	USED		<u></u>	~	1 1				
RDERED	AVERAGE RATE										
						<del>- V</del>	75	<i>}</i>			<u> </u>
RDERED	DISPL		OVERALL_			<u></u>	* / <i>5</i>	3			



FORM 1908 R-7

## WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORIGINAL 345530

DISTRICT Liberal					DATES	5-8-9	3
TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUI	ESTED TO FL				EMEN TO	DELIVER AF	ND OPERATE
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR		•	(CUSTOM CING	ER)			
WELL NO. 2 HI LEASE Federal Land Ba	nk	SEC	21	_ twp. <u>3</u>	2s	RAI	NGE 40J
FIELD N. Rolla COUNTY MOITON STATE	re KS		OWNED	BY_ <b>ر</b>	m <u>e</u>		
THE FOLLOWING INFORMATION WAS	FURNISHE	D BY TH	E CUSTON	MER OR H	IS AGEN	Ţ	
FORMATION TYPE TYPE		NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW. P.S.I.
FORMATION THICKNESS FROM TO	CASING	2	24	85/8	K.B.	564	-
PACKER: TYPE SET AT	LINER		•				
TOTAL DEPTH 558' MUD WEIGHT	TUBING						•
BORE HOLE 12 14 "	OPEN HOLE	· · · · · · · · · · · · · · · · · · ·		1214	K. B.	558	SHOTS/FT.
INITIAL PROD: OILBPD, H2OBPD, GASMCF	PERFORATION	ONS					
	PERFORATION	ons					
PRESENT PROD: OIL BPD, H2O BPD, GAS MCF	PERFORATION	ONS				1	
PREVIOUS TREATMENT: DATE TYPE	u		_ MATERIAL:	5		•	
TREATMENT INSTRUCTIONS: TREAT TUDI TURING TO ANNULUS TO CASING	TUBING/A	URULUS 🗆	HYDRAULIC	HORSEPOW	ER ORDER	ED	
Comen + 85/4 Surface casing w/ 140 sks h	KC 'C"	w/2	% (.(.	d 1/4 #/s	K floc	ele 4	150 sks
Cement 85/4 Surface casing w/ 140 sks A Premium Plys w/ 2% C.C. & 1/4 1/5K floce	le dis	place	5 win	er Top	Plug :	to Alu	m. Baffle
w/33.5 bb/ Displacent water	<u> </u>						
CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION	O RECEIVE TI	HE PRODUC	CTS, SUPPLIE	S, MATERIAI	LS, AND SE	RVICES	

SIGNED PO GUSTOMER

DATE 3 5 7.5

тие <u>23.00</u> а.м. р.м.

HALLIBURTON SERVICES

JOB LOG

CUSTOMER C PRYRADE DE 19

PAGE NO:

JOB TYPE RECENDED 1

DATE 5-10-93

FORM 201	3 R-1 /			JOB	TYPE	<u> </u>	SNOFE	DATE 5-10-93
CHART 9 NO.	TIME	RATE (BPM)	VOLUME (BBL)	PUM	PS	PRESSURE	E.(PSI)	DESCRIPTION OF OPERATION AND MATERIALS
∘ NO.	3320	(BPM)	(GAL)	Ţ	С	TUBING	CASING	
-	0300	,						on Location Ris waiting
•	0415	2					50	mix cement
	943 <u>3</u>	0	0				0	Drop Plus
	0424	1	10		_		0	start Disp
	0444	•	24				0	JUBBL DIST IBPM Vac
	0447	<u>.</u>	23.2		-		0	shutin 3 min still on vac
	0300	1/2	30		-		0	shut valve Still on GRAM Nac.
	0530	1/4	1				0	DUP IBRU 31 Total. Not on Vac.
	0535	14	1	-	-			
	0933						·	Shut in Head WOC Toset
-								A PProx 70 Ft coment in CSS.
<del></del>				3	<u> </u>			
		·	<del></del>					-
								John alota Thorat Var For
								Sob complete Thank You For calling Hall burden Services
1	<u> </u>	r	·					Cappines Hall Burton Jervices
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FORM 1908 R-7

## WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORIGINAL INVOICE & TICKET NO. 3 45 455

DISTRICT Liberal					DATE 5	10-93	
TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUI			QUIPMENT A	ND SERVIC			ND OPERATE
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR			(CUSTOM	ER)			
WELLINO. 2 HI LEASE FEDERAL Land Bank C	FU'E"	SEC	27	_ TWP. <u>3</u>	25	RAI	NGE HOW
FIELD COUNTY MOF TOP) STATE							
THE FOLLOWING INFORMATION WAS	FURNISHE		E CUSTON	IER OR F	IS AGEN	<u>T</u>	<del>,</del>
FORMATION NAME TYPE		NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW, P.S.L
FORMATION THICKNESS TO TO	CASING	И	24	85%	KR	561	
PACKER: TYPE SET AT	LINER				}		
TOTAL DEPTH MUD WEIGHT	TUBING						
BORE HOLE	OPEN HOLE			778	KR	631	SHOTS/FT,
INITIAL PROD: OILBPD, H2OBPD, GASMCF	PERFORATIO	NS					
PRESENT PROD: OILBPD, H2OBPD, GASMCF	PERFORATIO	)NS					
J. S. J.	PERFORATIO	NS					
PREVIOUS TREATMENT: DATE			_ MATERIALS	5			
TREATMENT INSTRUCTIONS: TREAT THRU TUBING $\square$ ANNULUS $\square$ CASING							
Recoment 85/2 SUFFACE CSG Wit	h 100s	ks Thi	xotion	<u>c-10°c</u>	alseal	42Ge	1-23cc
· · · · · · · · · · · · · · · · · · ·							
						<del></del>	
CUCTOMED OD LUC ACENT MADDANCE THE MELL IS IN COOPER CONDETION.	TO DECEIVE TI	it boods	erre el inni in	e MATERIA	I C AND CE	DATCEC	

SIGNED You hard Luberstoner
DATE 4-10-93

# HALLIBURTON SERVICES

## JOB

HALLIBURTON EASTERN OKC

SUMMARY HALLIBURTON LIBERAL

ORIGIN ALESS 1545455

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FIELD				_SEC	TWP_2CL	RNG	NEW				STATE_	MAYIMIM BEI
FORMATIO	N NAME		ТҮР	<u> </u>			USED	WEIGHT	SIZE	FROM:	70	MAXIMUM PSI ALLOWABLE
FORMATIO	N THICKNESS	FI	₹ОМ	—_то_		LINER	4	31,	85%	KR	361	<del></del>
INITIAL PR	OD: OIL	BPD, WATER	<sup>3</sup> ВРО. 0	3A5	MCFD	TUBING "					<del> </del>	1
PRESENT F	ROD: OIL	BPD, WATER	BPD. (	GAS	, MCFD	OPEN HOLE	L		736	fr /3	431	5HOTS/FT.
COMPLETIO	ON DATE	MUD TYP	<b>5</b>	MUD W	r	PERFORATIO	NC.		1.38	凡乃	121	SHOTS/FT.
PACKER TY	PE		SET A	т		PERFORATIO			<del></del>		-	+
воттом н	OLE TEMP	<del> </del>	_PRESSURE			PERFORATIO				+	i	<del> </del>
MISC. DATA	\ <u></u>		TOTAL	DEPTH	IOR		,,,,,		<u> </u>	<del></del>	<u> </u>	<u> </u>
•		TOOLS AND ACC	FCCODIFC		JOB.	CALLED OUT	<u>.</u>	ON LOCA	TION	JOB STARTED	101	B COMPLETED
	TYPE AN	TOOLS AND ACC	QTY.		MAKE	DATE 5-0	-9 t	<b>~</b> _	-10-93	DATE T-10	-92	15-10-93
FLOAT COL			QII.		NO.			-		1		
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FLOAT SHO				_	*				ONNELAN	<del></del>		100.000
GUIDE SHO				<u>-</u>		5-		NAME	36.1	UNIT NO. &	TYPE	LOCATION
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TOP PLUG		120.16.7	l l	13	1 3	<u> </u>	1		11.033	400UB		UNI MI
	<u>5</u> k	1 Rubber	1	1700	JCD	R. Tay	10/	$-\upsilon$	NO33	10°4	15374 Li	hermi
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PACKER						O, P'4	1.8	K 7	1106	Bulk		usoton
OTHER		\$4 A ***********************************	 						<del></del>	3626-	4015 11	
		MATERIA	123		-						ļ	*
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DISPL. FLU	1D		DENISTY		LB/GALAPI				<u> </u>	4		
PROP. TYPI	ī	SIZE		LB								
PROP. TYPI	·	SIZE		LB.						_		
ACID TYPE		GA	L		%							-
ACID TYPE		GA	L	_	_%					_		
ACID TYPE		GA	L,		_%			<del></del>		<u> </u>		
SURFACTA	NT TYPE	GA	L	IN		DEPARTMENT	-Ce	$\overline{\mathbf{w}}_{i}$		*/* /	**	
NE AGENT	TYPE	GA	L	IN		DESCRIPTION	OF JOB	HECE	WWY ,	Kark ZM	tace C	<del>ૄ</del>
FLUID LOS	S ADD. TYPE _	GAL-	LB	IN	<del></del>	<del></del>	·				<del></del>	
GELLING A	GENT TYPE	GAL÷	LB	IN	<del></del>							
FRIC. RED.	AGENT TYPE _	GAL	LB	IN								
BREAKER 1	YPE	GAL.+	LB	IN		JOB DONE TH	KRU: T	UBING U	CA.	SING 🗆	ANNULUS 🗌	TBG./ANN.
BLOCKING	AGENT TYPE_	- :		ALLB		CUSTOMER	V	()	) γ	0 <u> </u>	//	
PERFPAC E	ALLS TYPE	· · · · · · · · · · · · · · · · · · ·		тү		REPRESENTA	TIVE.	<u> </u>	rpara	V - /CI	Pers	<del>-</del>
OTHER.						HALLIBURTO	₽,	k na	1.	_	COPIES	
отнеп					CEMEN	OPERATOR	かく	W C	De Albeld		REQUESTED	·
	!	1			CEMEN	IT DATA					1	<del></del>
STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK			ADDI	<b>TIVES</b>			YIELD CU.FT/SK.	MIXED LBS:/GAL.
	-		1.1		ent .	1.0 -	. ~ -	a.			+	+
	100_	ThixOTropic	<u>H</u>	3	10#calso-	1-4%(cc	L_6) _	<u> </u>			1.67	<i>[H</i> ]
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BREAKDOV			AXIMUM			LOAD & BKDN:			_		): BBLGAL	
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AVERAGE _		·	JRE GRADIENT_			TREATMENT: B				D1SF	PL: BBLGAL	
SHUT-IN; IN	ISTANT	HYDRAULIC HOP	SEPOWER	15-MIN		CEMENT SLURR	,		-d 1 - ,			
						TOTAL VOLUME			REM	ARKS		
ORDERED.	<u>-</u>	AVAILABLE	S IN BPM	_USED		105-	APP	YaY.	70 FT	cement	ince	<b>c.</b> ,
						<u> </u>	<u>/                                      </u>		7071	Certific )	1101	<del></del>
TREATING.		CEMENT LEFT		VERALL_	<del></del>	•	_			<del></del>		<del></del>
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FEET		REASON										

#### ПСКЕТ

## 345455-D

•		-	A Division	ompany	ORIGINAL NO.	
FORM 1906 R-11		·	, , , , , , , , , , , , , , , , , , ,		4	
WELL NOFARM OR	LEASE NAME	- 4	COUNTY	····	STATE	CITY / OFFSHORE LOCATION
FUDY O	al Laur	· Fenk St	II Planton		KS	
CHARGE TO				OVACUED		TICKET TYPE (CUCCY O

101811 1000 11 11				- <u></u> -		•						
WELL NO.—FARM OR	LEASE NAME	. نسار	中	HT Dector	STATI	5	ITY / OFF	SHORE LOCA	TON		5-10-9	2
CHARGE TO	or Tont.	( ·	VIK J	<u> </u>	OWNER	-:		- 1		HECK ONE)	MITROG	EN 708
ADDRESS	nine Dr		ling	<del></del>	CONTRACTOR	France	chie	SEF	MICE X	SALES	YES	NO X
CITY, STÀTE, ZIP					SHIPPED VIA	BW DA	1 ex #	<u>a</u> [1]	Lib	eral		540
					SHIPPED VIA	FREIGH		<sup>ES'</sup>   7	LOCATION	I.	CODE	
WELL TYPE	TY KS	ORY	1840	WELL PERMIT NO.	DELIVERED TO	<u>,                                    </u>	السيا PD	COLLECT —	LOCATION	10108	CODE	217
TYPE AND PURPOSE O	, <u> </u>	Ŀ		3	ORDER NO.	lich						
J CIT	_Recen	41 B	4	B-	ORDER NO.			KEH	ERRAL LOC	ARUN ,	, .	
	the above-named Custom tomer's default in payment applicable, but never to exc	of Cu	rees to pay Hall stomer's accord	liburton in accord with the rates and unt by the last day of the month folio. In the event it becomes necessary to be terms and conditions shall be gover-	terms stated in Hallibur wing the month in whi employ an attorney to	ton's current pric ch the invoice is enforce collectio	o lists, Invo dated, Gust n of said so	ices payable A omer agrees t count, Custon	IET by the : to pay inten- ner agrees	20th of the follows thereon of the pay all colle	lowing month after av default at the hi ction costs and atte	date ghest arney
fees in the amount o	f 20% of the amount of the	unpai	d account. The	se terms and conditions shall be govern	ned by the law of the st	ate where service	s ero perfo	rmed or equips	ment or mat	torialsi are fumi	ished.	
<u>.                                    </u>				<u> </u>	•	, ' , ' ' -	. <u> </u>	<u> </u>		• •		
PRICE . REFERENCE	SECONDARY REF OR PART NO.	L.	ACCOUNT	DESCRIPT	ION	UNITS		UNIT	_	UNIT	AMOUN	T .
	,	C.		MILEAGE PC	· .	ату	MEAS	ary .	MEAS		27	ر ح ا
<u>Coc-117</u>				NO.		· · ·	1 ·	10	jh-ji	12		50
009-019	,		_	Pumpohar	<b></b>	561	Fret	·	!		745	00
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AS PER	ATTACHED BULK	MA	TERIAL D	DELIVERY TICKET NO.	<u></u>	B	301			<del>' '</del>	1415	75
WAS JOB SATISFACTORIL	Y COMPLETED?			WE CERTIFY THAT THE F COMPLIED WITH IN THE FURNISHED UNDER THIS	AIR LABOR STANDARDS			ED HAS BEEN TO SERVICES				<u> </u>
WAS OPERATION OF EQUI	•		<u>.</u>		) [	•				~	2318	23
WAS PERFORMANCE OF F	ERSONNEL SATISFACTORY	<i>_</i>		I } <i>₹∜</i> 0	A 👝 I 🖖	}				SUB	l "	1

HALLIBURTON OPERATOR

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

X \_\_\_\_\_CUSTOMER OR HIS AGENT (PLEASE PRINT) X \_\_\_\_\_CUSTOMER OR HIS AGENT (SIGNATURE)

HALLIBURTON APPROVAL

EXTRA COPY



#### **BULK MATERIALS DELIVERY** AND TICKET CONTINUATION

FOR INVOICE AND 3 45 HITT

											$\Box$	<u>alki</u>		
DATE	CUSTOMER ORDER	NO.			WELL NO. AND FARM			COI	JNTY	U	KI	GIN	ATATE	
05-10-93					Federal Len	d Bank	§ 25	II	Mort	on			Kansa	26
CHARGE TO					OWNER		C	CONTRA	CTOR			В	4746	00
Chevenne D	rla.				Amoco Produ	ction		Chey	enne	e Rig	46		1715	33
MAILING ADDRESS	_				DELIVERED FROM	1								
					Hugoton, Ka	<u>/</u>		0255				Silber		
CITY & STATE						-	ĺ	RUCK N		1	EIVEĎ BÝ			
					N/ Rolla, R	<i>5</i>		3626	~45]	15				
PRICE	SECONDARY BEF OR	CODE			0.5000.07.04			UNIT	S 1	UNI	TS 2	UNIT	AMOUNT	,
REFERENCE	REF. OR PART NO.	L D			DESCRIPTION			QTY.	MEAS.	QTY.	MEAS	PRICE	7.111.0	•
504-043	516.00272	2 3	Dros	miena (	Cement		.	100	Sk.			8.69	869	00
508-127	890.50131				108W/ 100			10	sk		†	20.70	207	00
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507-277	516.00259				ton Gel Added		_	-4	sk		<del> </del>	<del>                                     </del>	62	00
509-406	890.50812	2 8	Cal	cium (	Chloride 28W/	100		2	sk:		i	28.25	56	50
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			Charge		TOTAL WEIGHT	Lo	DADED	MILES	то	NMILES	_			
<del></del>		$\vdash$	SERVICE	CHARGE C	ON MATERIALS RETURNED				cu	. FEET				
500-207			SEBUIGE	CUARC-							125	1.25	156	25
500 305	-	7 -	SERVICE	CHARGE	10,940		10	<del>)</del>		), FEET ) 4. / () 5	,	<del>  </del>		
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D 4 "	14 500					•	CARRY	FORWA	RD TO !	MACICE	Gi to	TOTAL		
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			FORM 1011 -		<del>.</del>								<del></del>	

HALLIBURTON SERVICES

JOBLOG

FORM 2013 R 2

WELL NO. 2: HI LEASE FEDERAL Jano Canticket No. 345456

CUSTOMER CHENCE PAGE NO. PAGE NO. DATE 5

\_\_ DATE 5-10-9

VOLUME PUMPS PRESSURE (PSI) CHART NO. RATE (BPM) DESCRIPTION OF OPERATION AND MATERIALS (BBL) (GAL) TUBING CASING called out 1500 1715 safty meetins 1730 6 P.M. 1800 mix coment 100 SX. THIXOTROPIC 29.7 1812 Drop Plus Plugat 1813 DISP IRBL 1874 DUP IRRL Plug at 2011 3 DUP IRAL 1830 Plus at DUP JBBL Plugat 7 Plugat 1834 DISP DRRL q DIAP 28BL 1836 Plus 9t 1838 11 Plugat (842 DUP 20BL Plug 97 350 1845 15 1847 15 DUPARAL Plunat 1857 28.5 DUP 7.5 ERL Plusat 1858 Stage 7:15 Pm. 1917 Jag @ Plugwith wire line 508 Feet 1935

HALLIBURTON SERVICES JOB SUMMARY

HALLIBURTON Eastern of

TELD_	H	usoton		SEC. <b>2</b> .	7 m 32	L DATA	4)	N <sub>CTAUGO</sub>	portor	1	STATE K	T
							NEW USED	WEIGHT	SIZE	FROM	то	MAXIMUM PSI ALLOWABLE
RMATIO			TYPE			CASING	U	24	85/s	KR.	55	ALLOWABLE
	N THICKNESS_	FRC		то		LINER	<b></b> -	9-1	- V - X -	100	721	
IITIAL PR	OD; OIL	BPD. WATER	BPD. C	3AS	MCFD	TURING			<del> </del>		<u> </u>	<del></del>
RESENT F	ROD: OIL	BPD, WATER	BPD. 0	3AS	MCFD				7%	Lo	151	- CUOTO
OMPLETIO	ON DATE	MUD TYPE.		MUD WT	·	OPEN HOLE			1.3	kß_	1031	SHOTS/FT.
ACKER TY	PE		SET A	т		PERFORATIO						
эттом н	OLE TEMP		PRESSURE			PERFORATIO	NS		<b></b>			
SC. DATA	\		TOTAL (	DEPTH		PERFORATIO	NS					
		•			, JOB	DATA.						
		TOOLS AND ACCE	SSORIES		-	CALLED OUT		ON LOCA		JOB STARTED		COMPLETED
	TYPE AN	ID SIZE	QTY.		MAKE	DATE 5-10	<b>-9</b> 3	DATE 5	-10-93	DATE 5-10	-93 DAT	ΓΕ
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ACKER	•						7 =	<del></del> _	L'Director	Buik	1.1	4
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#### WORK ORDER CONTRACT AND PRE-TREATMENT DATA

345456

FORM-1908 R-7

D	uncan, Oklahoma 73536	
	A Division of Halliburton Company	

DISTRICT Liberal RS					DATE 5	-10-9	
TO: HALLIBURTON SERVICES YOU ARE HEREBY REQU	ESTED TO FL	IRNISH E	QUIPMENT A	ND SERVIC	CEMEN TO	DELIVER AN	ND OPERATE
THE SAME AS AN INDEPENDENT CONTRACTOR TO:	THE PURPOSE	OF SERVI	(CUSTOME	R)			
WELL NO. 2 HI LEASE FEDERAL FIND ROOK	FU'D"	SEC	77	_ TWP	25	RAN	IGE 40 W
FIELD HUSGION COUNTY MORTON STA		G (	OWNED B			Prod	
THE FOLLOWING INFORMATION WAS FORMATION NAME TYPE	FURNISHE	NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW. P.S.I.
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PACKER: TYPE SET AT	LINER					12	
TOTAL DEPTH MUD WEIGHT	TUBING			mouse, Troy &		1 500	
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INITIAL PROD: OILBPD, H <sub>2</sub> OBPD, GASMCF	PERFORATIO	ONS					
PRESENT PROD: OIL BPD, H2O BPD, GAS MCF	PERFORATIO	ONS					
	PERFORATIO	ONS		4.4			
PREVIOUS TREATMENT: DATE TYPE			_ MATERIALS				
TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING	TUBING/AI	NNULUS E	HYDRAULIC	HORSEPOV	VER ORDERE	D The	C.C.

#### 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

- 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 contract 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 of 20% of the amount of the unpaid account.
- 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 properly 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
  - 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 resulting from pollution, subsurface 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's negligence, 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 in 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 shall not apply where the claims or liability are caused by the gross negligence or willdrain score of the defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or will misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of 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. 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 against any damages arising from the use of such information.
- 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 IMPLIED, OF MERCHANTABILITY, 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 is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In one 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. f)
- That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- 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

	120	Jaga I N.	
SIGNED	- 1	CUSTOMER	
DATE 5 10	7		

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.

PAGE 1 OF PAGES



RIGINIAI NO. 345456-1

TICKET

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

•					A Division o	f Halliburton Company	U	1111	DIIN	1			
FORM 1906 R-11													
WELL NO.—FARM OF	R LEASE NAME	45 - 62	rd .	COUNTY		STAT	TE	CITY / OFFS	HORE LOCA	ПОМ		DATE 1	
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of invoice. Upon Ct lawful contract rate fees in the amount Halliburton w FITNESS FOR A PAR (whether in contract, on their return to Ha damages.	ion, the above-named Custs ustomer's default in paying e applicable, but never to e of 20% of the amount of it varrants only title to the pro ITICULAR PURPOSE OR OT tott, product liability, brea alliburton or, at Halliburton	ducts, s HERWIS ich of w s option	stomer's acco 8% per annum d account. The upplies and ma E WHICH EXT varranty or oth h, to the allow	ount by the last day. In the event it beck se terms and condition aterials and that the condition END BEYOND THOS herwise) arising out vance to the custom	of the month follow omes necessary to ons shall be govern- same are free from E STATED IN THE II of the sale or use of er of credit for the	ving the month in whe employ an attorney it ed by the law of the sidefects in workmans MMEDIATELY PRECE of any products, supposed of such items.	nich the invoice is o enforce collect state where service thip and materials DING SENTENCE blies or materials In no event shall	s dated, Custo on of said ac ces are perfor . THERE ARE . Halliburton's is expressly I Halliburton b	omer agrees to count, Custom med or equipm NO WARRAN ilability and limited to the pe liable for sp	pay intere er agrees t nent or mat ITES, EXPRI customer's replacemen pecial, incid	st thereon af to pay all colle erials are fun ESS OR IMPLI exclusive rem it of such pro- lental, indirec	er default at the hiction costs and attrished.  ED, OF MERCHANTA edy in any cause or ducts, supplies or m, punitive or conseinable.	BILITY, f action aterials quential
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X \_\_\_\_\_CUSTOMER OR HIS AGENT (SIGNATURE)

CUSTOMER OR HIS AGENT (PLEASE PRINT)

**EXTRA COPY** 

HALLIBURTON OPERATOR

HALLIBURTON APPROVAL



# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

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No. B 17	1602		,	FORM 1911 -	N 601.							1415	75

WELL NO. 2 HI LEASE FOR COLLEGE BOAK TICKET NO. 345457

CUSTOMER CHRYPNO DOLS PAGE NO.

JOB TYPE LOST CICC PLUS DATE 5-11-97 HALLIBURTON SERVICES JOB LOG FORM 20 13 R-2 PRESSURE (PSI) VOLUME CHART NO. RATE (BPM) (BBL) (GAL) calledont 050 on Location 1230 SPOT 50 SK Plug at
530 FRET 12 BBL cement
DISP WFW HOC 206 FT
TOH WON'II PIPE 1300 2# 12 4.6 130b 1309 SoB complete Thank You For calling Halliburton Services—
Bill Lauben + Crew



#### WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-7

Duncar	n, Okland	ипа	/3036		
AD	ivision	of	Halliburton	Company	

ATTACH TO INVOICE & TICKET NO

DISTRI	et					DATE	11 15	
TO:	IALLIBURTON SERVICES YOU ARE HEREBY REQU	JESTED TO FI	JRNISH E	QUIPMENT	AND SERVI	CEMEN TO	DELIVER A	ND OPERATE
	- Lovern	o m/1	lhe					
	THE SAME AS AN INDEPENDENT CONTRACTOR TO:	THE PURPOSE	OF SERV	(CUSTO	MER)			
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	MENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING	G TUBING/A	NNULUS [	The second second		WER ORDER	RED	
CUSTO	MER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION	TO RECEIVE T	HE PRODI	ICTS SLIPPI	IFS MATERIA	ALS AND SI	FRVICES	
	onsideration, the above-named Customer agrees:  THIS CONTRACT MUST BE SI				ico, matriciti	KLO, PAIND OF	ENVIOLO	
a)	To pay Halliburton in accord with the rates and terms stated in Halliburton's current price payment of Customer's account by the last day of the month following the month in which to but never to exceed 18% per annum. In the event it becomes necessary to employ attorned of 20% of the amount of the unpaid account.	the invoice is dated	Customer ag	grees to pay inte	rest thereon afte	r default at the	highest lawful co	ontract rate applicable,
b)	To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, pare any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted to	by law for:						
	<ol> <li>Damage to property owned by, in the possession of, or leased by Customer, and/o "well owner" shall include working and royalty interest owners.</li> </ol>	r the well owner (	f different fro	om Customer), in	cluding, but not	limited to, surfa	ace and subsurfa	ice damage. The term
	2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the							
	<ol><li>Personal injury or death or property damage (including, but not limited to, damage to from pollution, subsurface pressure, losing control of the well and/or a well blowout or</li></ol>			or any damages	whatsoever, gro	owing out of or	in any way conn	ected with or resulting
	The defense, indemnity, release and hold harmless obligations of Customer provided for in negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furn the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to tot apply where the claims or liability are caused by the gross negligence or willful miss subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents a	nished by Halliburto o warn any person conduct of Hallibur	on or any de of such defe ton. The term	fect in the data, ect. Such defens	products, supple, indemnity, rele	ies, materials, dease and hold l	or equipment of harmless obligati	Halliburton whether in ons of Customer shall
c)	That because of the uncertainty of variable well conditions and the necessity of relying on supplies or materials, nor the results of any treatment or service, nor the accuracy of any will use their best efforts in gathering such information and their best judgment in interpriany damages arising from the use of such information.	chart interpretation.	research and	alysis, job recom	mendation or oth	ner data furnish	ed by Halliburton	. Halliburton personnel
d)	That Halliburton warrants only title to the products, supplies and materials and that the OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE Scause of action (whether in contract, tort, breach of warranty or otherwise) arising out of tor materials on their return to Halliburton or, at Halliburton's option, to the allowance to the punitive or consequential damages.	STATED IN THE IMM the sale or use of a	MEDIATELY Pany products,	RECEDING SEN supplies or mate	TENCE. Hallibur rials is expressly	rton's liability ar	nd Customer's ex replacement of s	cclusive remedy in any such products, supplies
e)	That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, shall pay Halliburton its replacement cost unless such loss is due to the sole negligence the lesser of its replacement cost or the cost of repairs unless such damage is caused shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Freturned to the landing, unless such loss or damage is caused by the sole negligence of Hal	of Halliburton. If H by the sole neglige Halliburton's equipn	Halliburton equence of Hallib	uipment, tools or urton. In the cas	instruments are	damaged in the tools or instru	he well, Custome ments for marine	r shall pay Halliburton operations, Customer

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.

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

SIGNED

CUSTOMER

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.

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.

RETAIN



#### JOB SUMMARY

HALLIBURTON EASTONAL OKC

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		TOOLS AND ACC	rescopies		308	CALLED OU	Transition of	ON LOCA	ATION	JOB STARTED	) J	OB COMPLETED
	TYPE AN		QTY.		MAKE	DATES 11	750	DATE	11-93	DATE	0	ATES 1)-9
LOAT COL										TIME 130	The second second second	ME / HOO
						TIME 16 1	O	TIME		ID SERVICE		ME THE C
LOAT SHO			1912 (49)					NAME	ONNEL AN	UNIT NO. 8		LOCATION
UIDE SHO		P1011 (Sept. 2) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100			gran, gr		NAME	1000 1		TIPE	LOCATION
OTTOM PL						12.00	akii/		11/1	1 100	1	31
	.0G					muse i				Mean	1	IL VICIL
OP PLUG			19.00			2,710	6395	D/	E H. J	- KCIV	2 - 1 - 2	1
EAD			4 7 7 7 7							F35	And Fr	10101
ACKER						- SEINE 09	a	The Control of the Co	that a	SUI	S	m)
THER			ALC:	6.2 - 1	- 1 1 1 1 K 1	SITO	10	EC	18	5 1984-1	6601	Macley
		MATERI	ALS						10-11			
REAT. FLU	IID	NAME OF STREET	_DENSITY		O LB/GALAPI	1 4 4				20.00	4 4 4	
ISPL. FLU	ID		_DENISTY		LB/GALAPI				15.2			
ROP. TYPE		SIZE		LB							362	
ROP. TYPE		SIZE		LB								
CID TYPE.		G	AL		_%							
CID TYPE		G/	AL		_%							
CID TYPE		GA	AL		%	The state				126- 1		
URFACTAI		G	AL	IN		DEPARTMENT	1	Lan I				
E AGENT		G/	AL	IN		DESCRIPTION	OF JOB	TP-1	5001	11 to	KAL	Su Flus
	S ADD. TYPE _	GAL.		IN				~ /				
	GENT TYPE		-LB	IN								
	AGENT TYPE _		-LB	IN		7.00						
REAKER T		GAL.		IN		JOB DONE TH	IRU: T	UBING 1	C.	ASING	ANNULUS [	TBG./ANN.
	AGENT TYPE_			ALLB.					\ (	1)		
	ALLS TYPE			TY		CUSTOMER REPRESENTA	TIVE X		South	11.00	2000	
THER	ALLS TIPE	194.				REFRESEITA			1	,	1	
						HALLIBURTO OPERATOR_	VT)	1111	. The		COPIES REQUESTE	
THER					CEMEN	NT DATA		TU			KEGOESTE	
STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK			ADDI	TIVES			YIELD CU.FT./Sk	MIXED LBS./GAL.
	5/	Principles		R	10 WA E1	14207	11				1,77	14.5
			30 at 150							7 4 4		
				1000	25 - 1485 - 28						1000	
							4					
		PRESSURES IN	PSI	12.763(6)	SUMI	MARY			VOL	JMES		
RCULATII	NG		DISPLACEMENT_			PRESLUSH: BBI	GAL			TYPE.		
REAKDOW	/N	N	MAXIMUM			LOAD & BKDN:	BBLGA	AL		PAI	D: BBLGAL	
VERAGE_		FRACT	URE GRADIENT_	L YELLY	C/98	TREATMENT: B	BLGAL.			DIS	PL: BBLGAL	4.6
HUT-IN: IN		5-MIN.		_15-MIN		CEMENT SLURF		-GAL.			1	
		HYDRAULIC HO	RSEPOWER			TOTAL VOLUME	had					
RDERED		AVAILABLE		_USED				The state of	REM	ARKS		47.72
		AVERAGE RATE	ES IN BPM							275.5		
REATING		DISPL	T IN PIPE	OVERALL_		-						
								12.5				16.5
EET		REASON					1370		TO SEE			



## BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND SUBUE 7

DATE	CUSTOMER ORDER	NO.	_			WELL NO. AND FARM	<del>- · · · -</del>		cou	NTY	į	141	1-11	STATE	
05-11 <del>1</del> 93						Federal La	and Bank		CONTRAC	ort	on C		<del>UII</del>	V Kans	35
Chayenne Di	rlg.					Amoco Proc	Buction		Rig				No. B	1716	05
MAILING ADDRESS					-	DELIVERED FROM		-	LOCATION		''-	ARED BY			
CITY & STATE						Hugoton, I	<del>"</del>		TRUCK NO		_	LKO G	ilber	<u> </u>	
_					_	N/Rolla, F	(3		51984	<b>-</b> 65	10				
PRICE REFERENCE	SECONDARY REF. OR	con	ÞΕ			DESCRIPTION			UNITS	1	UNI	ΓS 2	UNIT PRICE	AMOUN	IT
THE TENENCE	PART NO.	-	D						OTY.	MEAS.	QTY.	MEAS.	PRICE		т
504-050	516.00265	2	3	Prem	ium 8	Plus Cement		_	50	яk		<u> </u>	8.95	447	50
508-127	890.50131	2	В	EA-2	10	ON/ 50			5	sk			20.70	103	50
509-406	890.50812	2 1	8	Calc	iun (	Chloride 2%	7 50	+	1	sk			28.25	28	25
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				Returned Mileage Charge				_				,			
		$\dashv$	+	5.10180		TOTAL WEIGHT	. LC	OADED	MILES	101	N MILES				<del> </del>
			1	SERVICE	CHARGE	ON MATERIALS RETUR	NED			cu.	. FEET				
500-207		2	В	SERVICE (	·UADOE					ļ	CECT	59	1.25	73	75
500-306	••	2	В	Mileage		5280	<del></del>	10			ZO.SO		0.0	55	100
	•		+	Charge	_	TOTAL WEIGHT	L	LOADE	MILES	тог	MILES		-85	65	00
No. B 17	1605							CARRY	FORWAR	וו סד ם	ANOICE	SUB-1	TOTAL	7/8	00
			<u></u>	ORM 1911 - I	H7 REV. 8-8	35								L	<u></u>



TICKET R 1914 No. 345457-2

			A Division of	of Halliburton Company	UN	IUINA	L		
FORM 1906 R-11									
WELL NO.—FARM OF	R LEASE NAME	14	COUNTY	STATE	THE RESERVE OF THE PARTY OF THE	SHORE LOCATION	D	ATE	3
CHARGE TO	al Benk Gui	e CHI	morten	OWNER		TICKET TYPE (	CHECK ONE)	S-//-Y	GEN JOB
ADDRESS	a Dil	) — — —		CONTRACTOR	Prol.	SERVICE LOCATION		YES	NO Y
CITY, STATE, ZIP	16			SHIPPED VIA	TEREIGHT CHARG	1 1 1	18/01	CODE	540
Garner	icity k	c. 67	546	CoTik		COLLECT 2 H	ecten	CODE	5 3 T
WELL TYPE	WELL CATE	GORY	WELL PERMIT NO.	DELIVERED TO		3 LOCATION	1	CODE	
TYPE AND PURPOSE	OF JOB		B	ORDER NO.		REFERRAL LO	CATION		6
As consideration of invoice. Upon Collawful contract rate fees in the amount Halliburton w FITNESS FOR A PAR (whether in contract, on their return to Hadamages.	on, the above-named Custon istomer's default in payment applicable, but never to exercise the control of the arrants only title to the procure of LOVAR PURPOSE OR OTHER TOT, product liability, breat library or, at Halliburton's	mer agrees to pay He to of Customer's acce- ceed 18% per annun e unpaid account. The lucts, supplies and m IERWISE WHICH EXT ch of warranty or ot s option, to the allow	alliburton in accord with the rates and to bunt by the last day of the month follow. In the event it becomes necessary to see terms and conditions shall be govern aterials and that the same are free from TEND BEYOND THOSE STATED IN THE! hervise) arising out of the sale or use vance to the customer of credit for the	erms stated in Helliburton wing the month in which temploy an attorney to en- ed by the law of the state defects in workmanship a MMEDIATELY PRECEDING of any products, supplies a cost of such items. In no	's current price lists. Inv. the invoice is dated, Cus force collection of said a where services are perfor ind materials. THERE ARI SENTENCE. Halliburton or materials is express o event shall Halliburton	cices payable NET by the toomer agrees to pay inte coount, Customer agrees rmed or equipment or m NO WARRANTIES, EXP s liability and customer limited to the replacem be liable for special, inc	20th of the fol rest thereon aft to pay all colle aterials are furni RESS OR IMPLIS s exclusive rem ent of such pro- cidental, indirect	lowing month after or default at the hiction costs and att shed.  ED, OF MERCHANT, edy in any cause of fucts, supplies or n, punitive or conse	date ghest orney  ABILITY, of action naterials equential
PRICE	SECONDARY REF	L	DESCRIPTI		UNITS 1	UNITS 2	UNIT	AMOUN	
REFERENCE	OR PART NO.	c. ACCOUNT			OTY MEAS	QTY MEAS	PRICE	,	T
000-11			MILEAGE RCM		10 mi		9. 2	27	50
009-019			Femp Cha	reje	530 VACT			745	00
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					1	College Park			7.543
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		A - 150 A			i i			962	a statis
AS PER	AT TACHED BULK	MATERIAL	DELIVERY TICKET NO.  WE CERTIFY THAT THE FA	B LABOR STANDARDS AG	1/11/05	ED HAS REEN		718	00
WAS OPERATION OF FOL	LY COMPLETED?		COMPLIED WITH IN THE P	RODUCTION OF GOODS A	ND OR WITH RESPECT	TO SERVICES			
	PERSONNEL SATISFACTORY	n	= R10				SUB		
XCUSTOMER OR	HIS AGENT (PLEASE	PRINT	- 000	HALLIBURTON OF	PERATOR		TOTAL L	APPLICABLE TAX BE ADDED ON	(ES WILL INVOICE.
			HALLIBURTON APPROVAL				4	1490.	
CUSTOMER OR	HIS AGENT (SIGNATU	JKE)			EXTRA COPY			Property of	

EXTRA COPY

HALLIBURTON SERVICES WELL NO. 2 HT LEASE FOUND IN A PRICKET NO. 345556 **JOB LOG** CUSTOMER FORM 2013 R-2 JOB TYPE DATE VOLUME CHART NO. PUMPS PRESSURE (PSI) RATE (BPM) TIME (BBL) (GAL) DESCRIPTION OF OPERATION AND MATERIALS TUBING CASING 2300 0145

Wichita, Kansas SION

RETAIN



#### JOB SUMMARY

HALLIBURTON DIVISION

HALLIBURTON LOCATION BILLED ON TICKET NO. TICKET NO.

1				WELL	LDATA			111-		12	1
ELD			SEC	TWP	RNG	_	COUNTY	Herita		STATE /	
RMATION NAME		TYPE				NEW USED	WEIGHT	SIZE	FROM	то	MAXIMUM PS ALLOWABLE
RMATION THICKNESS	F	ROM	то_		CASING			Sec	100 Jan 194		
ITIAL PROD: OIL	BPD. WATER	BPD. G	AS	MCFD.	LINER				west		10 Sept 10
RESENT PROD: OIL	BPD. WATER	BPD. G	AS	MCFD						archer	
OMPLETION DATE	MUD TYF	PE	_MUD WI	т	OPEN HOLE						SHOTS/FT.
CKER TYPE		SET AT	r		PERFORATION	ONS					
OTTOM HOLE TEMP		PRESSURE			PERFORATION	ONS					
ISC. DATA	Frank William	TOTAL D	EPTH		PERFORATION	ONS	2.0				
				JOB	DATA						
	TOOLS AND ACC	CESSORIES			CALLED OU	Т	ON LOC	ATION	JOB STARTED	JOB	COMPLETED
TYPE A	ND SIZE	QTY.		MAKE	DATE 5	11.	DATE	5-12	DATE 5	-12 DATE	E S-12
LOAT COLLAR					TIME 7	2005	TIME	0100	TIME () 7	TIME	nous
OAT SHOE				general Paris Service	Street, The		PERS	ONNEL AN	D SERVICE	UNITS	
UIDE SHOE	The second of			19 July 15		1	NAME		UNIT NO. &	TYPE	LOCATION
ENTRALIZERS		r somet h			TYND	42			140075	1.	-401
OTTOM PLUG								59179		LM	SORWY
OP PLUG		J. C. V.			DA	W.			52283		
EAD	The street to all	1 12 13		1 4 30 3	7		1/	5611	75	374	11-6
ACKER					77	2	₩.	1	50237	111	may .
THER					- 1 M	and J	1	CHEST	1	no Ma	Slow
	MATERI	ALS					700				
				0	77177.7						
REAT. FLUID		_DENSITY		LB/GALAPI	944 1794						
SPL. FLUID		_DENISTY		LB/GALAPI							
ROP. TYPE	SIZE		LB	and the second				- T	2.4		
ROP. TYPE	SIZE		LB		i <del>descri</del>	125				6	
CID TYPE	G/			_%			1984				
CID TYPE	GA			_%	10 E   95 - 64						
CID TYPE	GA			%		-	and the same of th	-dimen,			
JRFACTANT TYPE	GA	AL	IN	The State of the State of	DEPARTMENT	r	Citien.	17-	-/1		
E AGENT TYPE	G/	AL	IN		DESCRIPTION	OF JOB		14	/\		
LUID LOSS ADD. TYPE	GAL.	-LB.	IN				AND T				2 7 5 5 16(S)
ELLING AGENT TYPE_	GAL	-LB	IN								
RIC. RED. AGENT TYPE	GAL.	-LB	IN	Array 2			_	7	70 -		
REAKER TYPE	GAL.	-LB	IN	State of the State	JOB DONE T	HRU: TI	UBING [	, ca	sing 🖸	ANNULUS	TBG./ANN.
OCKING AGENT TYPE.	THE RESERVE	G	ALLB.		CUSTOMER	V	0	ala a	12		
ERFPAC BALLS TYPE_		O	TY		REPRESENTA	TIVE A		CALL	100	P.C.	
THER					HALLIBURTO	x /	1/		4	COPIES	
THER			10 10 C 7		OPERATOR_	1	Lorens			REQUESTED_	
	The same of	2753g 1 555		CEMEN	IT DATA						
STAGE NUMBER OF SACKS	CEMENT	BRAND	BULK			ADDIT	TIVES			YIELD CU.FT./SK.	MIXED LBS./GAL.
	1. 1			1.1.	,		- THE 1 Y W	A.A.		111	
83	165/39X 13	^		6766d	war-				1 34 - 3	1.67	13.1
	1900	Co.						77.60	- 17 9E, 12		
	Mrs.	17/10/10									
	CO. 144	ON SO					1875			9 1000	
	PRESUPECT	DCI WALL		CUL	AADV			V01 :	IMEC		10.55
	PRESSURESIN	130.	24.	SUMM		1470		VOLU			
RCULATING	A MA	DISPLACEMENT	W		PRESLUSH: BB				TYPE _		36 Spr 425
REAKDOWN	3/18 1/S/	MAXIMUM			LOAD & BKDN:	BBLGA	(L			BBLGAL	21.
VERAGE	FRACT	URE GRADIENT			TREATMENT: B	BLGAL.	11	- 00	DISF	PL: BBLGAL	5.4
HUT-IN: INSTANT	HYDRAULIC HOI	RSEPOWER	_15-MIN		CEMENT SLURE	RY: BBL.	-GAL	200	10 W.T.		
	Shridelo Hol	J. J. J. LIN			TOTAL VOLUME	E: BBLG	AL	DEM	ADKC		
RDERED	AVERAGE RATE	S IN BPM	_USED					KEM	ARKS		
	THE NACE NATE										
REATING	DISPL	IN PIPE	VERALL_								
	CEMENT LEFT	INFIEL							41		
EET	REASON										



#### WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ODIOIAIAI	
INVOICE & TICKET NO.	345556
· · ·	200 400

FORM	1908	H-/

OT 1101 1500 11-7	A Division of Familiar for Company		INVOICE & TICKET NO.
DISTRICT	1/30	rd Ks	DATE 5-12-93

DISTRICT		4/30	of Ks						DATE	5-12	-93
O: HALLIBURTO	N SERVICES		YOU ARE HE	REBY REQU	ESTED TO FL	JRNISH EG	QUIPMENT A	ND SERVIC	EMEN TO D	ELIVER AN	ID OPERATE
		RODUCTS, SUPP		ERIALS FOR	THE PURPOSE	OF SERVIC	(CUSTOME	R)			
WELL NO.	2世	LEASE FE	denst	Londe	0	SEC		_ TWP	325	RAN	IGE 140W
FIELD		COUNTY	Mork	STA	TE K		OWNED B	y Amos	io Ra	d	
	THE	FOLLOWING	S INFORMAT	TON WAS	FURNISHE	D BY TH	E CUSTOM	ER OR H	IS AGENT		
ORMATION NAME		TYF	E_			NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW. P.S.I.
ORMATION THICKNESS		FROM	то		CASING		24	8%	61	561	
PACKER: TYPE			SET AT		LINER		rge had				
OTAL DEPTH		MUD WE	IGHT		TUBING						
BORE HOLE					OPEN HOLE				561	631	SHOTS/FT.
NITIAL PROD:	OII	_BPD, H2O	BPD GAS	MCF	PERFORATION	ONS					
PRESENT PROD:		BPD, H <sub>2</sub> O			PERFORATION	ONS				Later A.	
RESERVI PROD:	OIL	_ DF D, F12O	6FD, GAS_	NICF	PERFORATION	ONS					•
PREVIOUS TREATM	FNT: DA	TE	TYPE	DE	>		MATERIAL S			Section 1	

				11	1 1/1
				111	ause Hel
CUSTOMER OR HIS AGE	NT WARRANTS THE WELL	IS IN PROPER CONDITIO	ON TO RECEIVE THE PRODUCTS	S. SUPPLIES, MATERIALS.	AND SERVICES

TREATMENT INSTRUCTIONS: TREAT THRU TUBING 🛘 ANNULUS 🗀 CASING 🔁 TUBING/ANNULUS 🗎 HYDRAULIC HORSEPOWER ORDERED

TYPE

PREVIOUS TREATMENT:

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- 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 contract 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 of 20% of the amount of the unpaid account.
- 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 pos ssion 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.
  - 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 resulting from pollution, subsurface 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's negligence, 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 in 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 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 mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of 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. 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 against any damages arising from the use of such information.
- 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 IMPLIED, OF MERCHANTABILITY, 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 is 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 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. It Halliburton equipment, tools or instruments are not recovered, obsorber shall pay Halliburton the lesser of its replacement cost unless such loss is due to the sole negligence of Halliburton equipment, tools or instruments are admaged 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.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law
- That this contract shall be governed by the law of the state where services are performed or materials are furnished. g)
- 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 DATE 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.



## **BULK MATERIALS DELIVERY** TICKET CONTINUATION

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DATE	CUSTOMER ORDER	NO.		WELL NO. AND FARM		col	NTY,	_			STATE	
05-11-93				Federal Land B	ank #2F	II	Mort	on			Kansa	15
CHARGE TO				OWNER	1	CONTRAC	CTOR			_		
Chayenna (	rlg.			Eseco Producti	on (	Rig	£2				1716	07
MAILING ADDRESS				DELIVERED FROM	ľ	LOCATIO	N CODE	PREF	ARED BY			
				liugoton, Ks		0255	<del>5</del> 5_	H	ike G	ilbert		
CITY & STATE						TRUCK N			IVED BY			
				N/Rolla, Ks		5073	7-75	50\$				
PRICE	SECONDARY	CODE				UNITS	31	דואט	'S 2	UNIT		
REFERENCE	HEF. OR PART NO.	L D		DESCRIPTION	-		MEAS.	OTY.	IMEAS.	PRICE	AMOUNT	Г
						OTY.	MEAS.	ui Y.	IMEAS.			
504-118		2 8	Hal	liburton Light Cement	<u>L</u> .	85	Sk.		i	7.89	670	65
504-043	516.00272		ļ <u></u> -				<del> </del>				-	
505-105	516.00296			<u> </u>			<u>i                                     </u>	_	i		_	
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, PAGE 1 OF 2 PAGES

CUSTOMER OR HIS AGENT (SIGNATURE)

ПСКЕТ

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FORM 2013 R-2 JOB TYPE VOLUME (BBL) (GAL) PUMPS PRESSURE (PSI) CHART NO. · RATE (BPM) DESCRIPTION OF OPERATION AND MATERIALS TIME CASING С TUBING 23(Y) 0100 SIDE USOSL W. P. 72 1201 -- -· . . . -- -

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