Date Commission Expires

033-20869 -STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION **WELL COMPLETION FORM** County Comanche ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE 19 Twp. 32 Rge. 19 Sec. Feet from (S/N (circle one) Line of Section Operator: License # __ Feet from E/W (circle one) Line of Section Name: _ Hallwood Petroleum, Inc. Address 4582 So. Ulster Street Parkway Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one) **Suite 1700** Lease Name <u>Reynolds</u> City/State/Zip Denver, CO 80237 Field Name Unknown Purchaser: Unknown Producing Formation Viola Operator Contact Person: George Hutton Elevation: Ground 1935 KB 1948 Phone (316) 792-2756 Total Depth 6259' Contractor: Name: ___Eagle Drilling mount of Surface Pipe Set and Cemented at ____738_____ Feet 5380 License: Multiple Stage Cementing Collar Used? Yes X No Wellsite Geologist: Jim Spellman If yes, show depth set Designate Type of Completion If Alternate II completion, cement circulated from _ X New Well ____ Re-Entry ___ Workover SIOW SIGW __ Temp. Abd. feet depth to _ sx cmt. Gas Other (Core, WSW, Expl., Cathodic, etc) Drilling Fluid Management Plan $\mathcal{MT}/$ Dгу (Data must be collected from the Reserve Pit) If Workover: _____ ppm Fluid volume _____ bbls Operator: Chloride content Well Name: 🔃 Dewatering method used Location of fluid disposal if hauled offsite: ____ Old Total Depth ___ Comp. Date Deepening ____ Plug Back ___ _ Re-perf. ____ Conv. to Inj/SWD Operator Name Commingled Docket No. <u> License No. __</u> Dual Completion Docket No. Lease Name Other (SWD or Inj?) Docket No. _ Quarter Sec. ____ Twp. ____S Rng. ____ E/W 12/13/92 Date Reached TD Completion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well-Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the past of the past 3-12-93 MAR 1 2 199 K.C.C. OFFICE USE ONLY Signature Letter of Confidentiality Attached CONSERVATION BIVISION C Wireline Log Received Sr. Eng. Tech. Wichita, Kansas Geologist Report Received Subscribed and sworn to before me this /ct/ day of Maich

RELEASED

Form ACO-1 (7-91)

Distribution

SWD/Rep

APR 7 1994

NGPA

Other (Specify)

SIDE TWO

Operator Name <u>Hallı</u>	wood Petroleum,	Inc.	t	.ease Name	Reynolds	··	Well #	<u>1 · </u>
		East		, County _	Comanche			,
Sec10_ Twp32_	Rge19 [West						,
INSTRUCTIONS: Show interval tested, ti nydrostatic pressure if more space is ne	me tool open ar es, bottom hole t	nd closed, emperature	flowing , fluid r	and shut-in	pressures, whet	her shut-in pr	essure rea	ched static leve
Orill Stem Tests Tal (Attach Additiona		⊠ _{Yes}	□ No			n (Top), Depth	and Datum	s Sample
Samples Sent to Geol	logical Survey		□ No	Name		Тор		Datum-
Cores Taken		☐ _{Yes}	⊠ No	Marm Pawn		4879 4963		-2926 -3010
: Electric Log Run (Submit Copy.)		🛛 Yes	□ No	Miss	issippian	5087		-3152
		CORAL			A STATE OF S			
· · · · · · · · · · · · · · · · · · ·	 	CASI	NG RECORD		······································	2		· · · · · · · · · · · · · · · · · · ·
	Report al	lstrings	set-condu		」Used e, intermediate;	production, et	tc.	,
Purpose of String	Size Hole Drilled	Size C	asing n O.D.)	Weight Lbs./Ft	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Conducter		20'	···		109	common	7, 74g	
Surface	12 1/4	8 5/8		28	738	HLC	290	2% gel 3% cc
						40/60 poz	150	1/4 # Flocele/sk 2% gel 3% cc 1/4 # Flocele/sk
Production	7 7/8	5 1/2		15.5#	62581	standard	192	5% EA2 10% salt .75% Halid 322 5#/sk Gilsonite 1/4 # Flocele/sk
	ADDITIONAL C	EMENTING/S	QUEEZE REC	CORD			· I	<u> </u>
Purpose:	Depth Top Bottom	Type of	Cement	#Sacks Use	ed	Type and Percer	nt Additive	es
Perforate Protect Casing Plug Back TD	,	·	,					
Plug Off Zone			·	<u> </u>		·		
Shots Per Foot	PERFORATION Specify Footag			ugs Set/Type Perforated	Acid, (Amount an	Fracture, Shot, d Kind of Mater	, Cement So ial Used)	queeze Record Depth
2	5820-25, 5803-1	2, 5782-92						
2	5792-95				6,000 gals	15% NE		5782-95 5803-13 5820-25
TUBING RECORD	Size 2 7/8	Set A 5774	t	Packer At	Liner Run	☐ _{Yes} ⊠	No	
Date of First, Resu SI	med Production,	SWD of In	j. Prod	ucing Method	□ _{Flowing} □ _{Pu}	mping Gas L	ift O	ther (Explain)
Estimated Production Per 24 Hours	on Oil	Bbls.	Gas	Mcf	later Bbls.	Gas-Oi l	Ratio	Gravity
Disposition of Gas:	METHOD OF	COMPLETIO	et .		Pr	oduction Interv	/al	
Vented Solo		ease .		Hole □ Pe	erf. 🗆 Dually	Comp. Com	ningled _	3337-9
		ş .	Othe	r (specity) .				

例的 A 一种和

FORMATION (TOP), DEPTH AND DATUM

Name	Top	Datum	
Topeka Toronto Lansing Marmaton Pawnee Cherokee Mississippian Warsaw Cowley Viola Simpson Simpson Simpson Sh. Lwr. Simpson Arbuckle	3721' 4205' 4386' 4879' 4963' 5008' 5087' 5324' 5376' 5780' 5938' 6041' 6091' 6108'	-1773' -2257' -2438' -2931' -3015' -3060' -3139' -3376' -3428' -3832' -3991' -4093' -4143' -4160'	ORIGINAL RELEASED APR 7 1994
	•		

FROM CONFIDENTIAL

MAR 3 0 CONFIDENTIAL

KANSAS CORPORATION COMMISSION

APR 13 1993

CONSERVATION DIVISION

WICHITA, KS

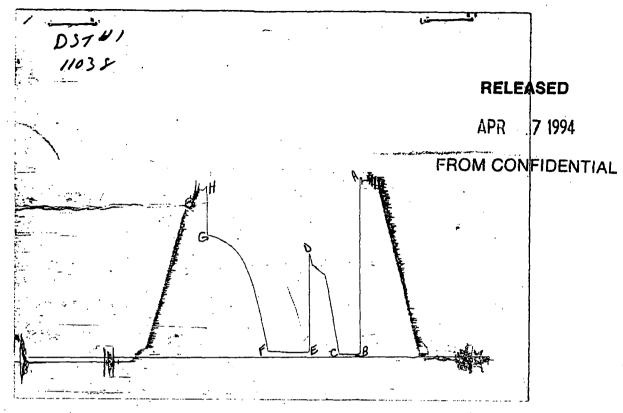
TRILOBITE TESTING, L.L.C. P.O. Box 362 · Hays, Kansas 67601

RELEASED

APR .7 1994

Drill-Stem Test Data

	REYNOLDS	#1	Test N	, 1	FROM	PAFIDENTIA
Well Name	HALLWOOD	PETROLEUM INC.	rest r	10	MARM/	
Company		378111 DENVER (0 80237-8111		Zone	
Address	JIM SPELI	MAN	FACIE DDIC		Elevation	
Co. Rep./Geo	19	Cont			Est. Ft. of Parameter Est. Ft. of Parameter Est.	KS
Location: Sec		_ Twp	Rge19W	co. <u>C</u> C	Sta	te
Interval Tested		4886-4990	Drill Pie	pe Size4 .	5" XH	
		104		pe I.D 2.7 Ft. Run	-	
_	th	4881	•	ollar — 2.25 Ft. Run	2/1	
•		4886	*		9.2	15.75-1
	Depth	4990		/t48 ty48	Filtrate	12.8 lb/Gal.
Total Depth			VISCOSI	·y	/ nuate	
Tool Open @	4:20 AM	nitial STRONG BLOW	- BUILT TO B	OTTOM OF BUC	KET IN 4 MIN	NUTES
ISI: B	LED OFF BL	OW-WEAK BLOW -	BUILT TO BOTT	OM OF BUCKET	' IN 30 MINU	res
Final Blow	BOTTOM OF	BUCKET AS TOO	OPENED-			
	LED OFF BL	OW - WEAK BLOW-	BUILT TO BOTT	OM OF BUCKET	25 MIN/GTS	IN 40
						•
Recovery - Total	Feet 2	60		Flush Tool?NO	ODI	GINAL
necovery - rotal			•			OHIAME
260	Ena	t of GASSY DRILL	ING MUD	-		
						
		t of				
		t of				
Rec	Fee	t of	 			
Rec	Fee	t of				· · · · · · · · · · · · · · · · · · ·
111						
		Gravity)	— °F Corrected Gravi	ty ———•API
RW	@ <u>_</u> _	°F Chlorid	ies p _i	om Recovery (Thlorides6500	ppm System
,		0050				,
(A) Initial Hydro	static Mud	2360.9 _{PSI}	AK1 Recorder No	13277	Range	4125
(B) First Initial Fl	low Pressure	33.5 PSI	@ (depth)	4921	w / Clock No	27594
(C) First Final Flo	ow Pressure	47.8 PSI	AK1 Recorder No	11038	Range	5075
					•	
(D) Initial Shut-in	n Pressure	1389.4 PSI	@ (depth)	4982	w / Clack No	25814
(D) milai shacii		1 31	9 (dcpai)		W / Clock 140	
(E) Escand Initia	ol Elavo Danassa	70.6 ps	AK1 Deserte Ne			
(E) Second initia	al Flow Pressure	70.6 PSI	AK I Kecorder No. ~		Range	
		88.5 _{PSI}				
(F) Second Final	Flow Pressure	88.5 PSI	@ (depth)		w / Clock No	
		1644 0		2.0		60
(G) Final Shut-in	Pressure	1644.9 PSI	Initial Opening <u> </u>	30	Final Flow	60
(H) Final Hydros	itatic Mud	2304.7 PSI	Initial Shut-in	45	Final Shut-in	90
•						
Our Representa	tiveTON	HORACEK	 _			



This is an actual photograph of recorder chart

		FIELD READING	OFFICE READING	
(A)	INITIAL HYDROSTATIC MUD	2349	2360.9	
(B)	FIRST INITIAL FLOW PRESSURE	27	33.5	,
(C)	FIRST FINAL FLOW PRESSURE	41	47.8	
(D)	INITIAL CLOSED-IN PRESSURE	1385	1389.4	_
(E)	SECOND INITIAL FLOW PRESSURE	68	70.6	
(F)	SECOND FINAL FLOW PRESSURE	82	88.5	
(G)	FINAL CLOSED-IN PRESSURE	1637	1644.9	
(H)	FINAL HYDROSTATIC MUD	2298	2304.7	

TRILOBITE TESTING L.L RELEASED P.O. Box 362 • Hays, Kansas 67601

Test Ticket

APR .7 1994

Nº:

		FR	OM CON	FIDENTIAL	
Well Name & No. ReyNILDS	21				8-92
company Hallwood E				norm / Pa	whee
Address Box 378///	Denver Co.	80237 Ele	evation	1953	(KB)
co. Rep./Geo. J.m Spellma					
Location: Sec		•			
No. of Copies Distribution		•			1
Interval Tested				4.5 x-H	
	104'				
Anchor Length	4881			Bottom Choke -	
Top Packer Depth				_Rubber Size — (53′4″
Bottom Packer Depth	Linns				
Total Depth					/26
Mud Wt	lb/gal			Filtrate	
ISF Bled of blowsies					
Final Blow Bollem of backet			T. JUM	1/4.	
FSI- Bled of blow-			al bul-	1 25m:	(GTS 400)
Recovery — Total Feet 260					10017 NO
				%water	
RecFeet Of		%gas %gas	%oll	%water	
Rec. 260' Feet Of	Gasty Doly mod		%oil	%water	
RecFeet Of	<u> </u>	%gas	%oil	%water	
RecFeet Of		%gas	%oil	%water	
	ºAPI	<u> </u>	°F Corrected	d Gravity	9A DI
RW @ °F		ppm Recover		_	ppm System
(A) Initial Hydrostatic Mud		• •			4/25
(B) First Initial Flow Pressure					
(C) First Final Flow Pressure	<u>4/</u> PSI	AK1 Recorder No.	_		
(D) Initial Shut-in Pressure					
(E) Second Initial Flow Pressure		AK1 Recorder No.			
(F) Second Final Flow Pressure	<u> </u>				
(G) Final Shut-in Pressure		Initial Opening 30			
(H) Final Hydrostatic Mud	2200		<i>1</i> —	JarsX	
TRILOBITE TESTING L.L.C. SHALL NOT BE LIA KIND OF THE PROPERTY OR PERSONNEL OF THE		Final Flow	1 0		<u> </u>
IS MADE, OR FOR ANY LOSS SUFFERED OR INDIRECTLY, THROUGH THE USE OF ITS EQUIF	SUSTAINED, DIRECTLY OR	Final Shut-in	_		
OR OPINION CONCERNING THE RESULTS OF A	ANY TEST. TOOLS LOST OR				
WHOM THE TEST IS MADE.	(1)				
Approved By	Spelle				
Our Representative Tom	1. kracet			Other	
Printcraft Printers - Hays, KS				TOTAL PRICE S	850

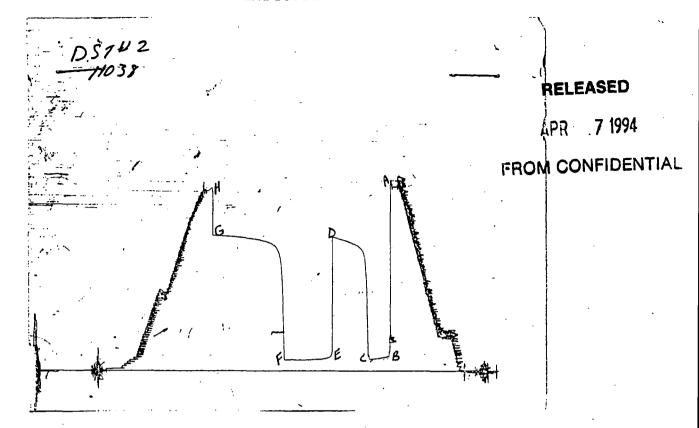
TRILOBITE TESTING, L.L.C. P.O. Box 362 · Hays, Kansas 67601

Drill-Stem Test Data

APR .7 1994

RELEASED

	מעט	IOLDS			em rest Da	2	FROM QONF	DENTIAL
Well Name			PETROLEUM		Test No)	Date MTSS	72
ompany					0 80237-8111		Zone MISS 195	3
Address						 	tievation	
o. Rep./Geo	19	SEET			EAGLE DRLG		Est, Ft. of Pa	ay
ocation: Sec			_ Twp328		Rge	Co	COMANCHE Sta	te KS
nterval Tested			5066-5		Drill Pipe	Size	4.5" XH	-
Anchor Length _			5			I.D 2.7 Ft. Run		
op Packer Depth			506:		Drill Coll	ar — 2.25 Ft. Run	241	
ottom Packer De	epth		5060		Mud Wt	· 	9.1	lb/Ga
otal Depth			512	3	Viscosity		54 Filtrate	11.2
ool Open @ GAS TO S	SURFA	CE IN	3 MINUTES	GAUG	- BOTTOM OF 1 ED @521000 MC L OPENED/GAUGI	F		
ecovery - Total F			330			Flush Tool?	NO ()	N 1
ec330			t of GASSY				<u> </u>	
							·····	
								
Rec. ————		Fee	t of				· · · · · · · · · · · · · · · · · · ·	
3HT113		_°F	Gravity		°API @ :		°F Corrected Gravi	ty ° AF
RW					es ppr	n Recovery	Chlorides 7000) ppm System
(A) Initial Hydros	tatic Muc	l <u></u>	2450.9	PSI .	AK1 Recorder No	13277		4125
B) First Initial Flo	w Pressu	re	195.7	PSI	@ (depth)	5096	w / Clock No	27594
C) First Final Flov	w Pressur	e	181.6	PSI	AK1 Recorder No	11038	Range	5075
D) Initial Shut-in	Pressure		1780.9	PSI	@ (depth)	5120	w / Clock No	25814
E) Second Initial	Flow Pre	ssure	181.6	PSI	AK1 Recorder No. —		Range	<u>.</u>
F) Second Final	Flow Pres	sure	153.6	PSI	@ (depth)		w / Clock No	
G) Final Shut-in	Pressure .		1820.7	<u> PSI</u>	Initial Opening	30	Final Flow	60
(H) Final Hydrost	atic Mud		2408.9	PSI	Initial Shut-in	45	Final Shut-in	90
Our Representat			M HORACEK					



This is an actual photograph of recorder chart

		FIELD READING	OFFICE READING
(A)	INITIAL HYDROSTATIC MUD	2439	2450.9
(B)	FIRST INITIAL FLOW PRESSURE	190	195.7
(C)	FIRST FINAL FLOW PRESSURE	176	181.6
(D)	INITIAL CLOSED-IN PRESSURE	1776	1780.9
(E)	SECOND INITIAL FLOW PRESSURE	176	181.6
(F)	SECOND FINAL FLOW PRESSURE	149	153.6
(G)	FINAL CLOSED-IN PRESSURE	1814	1820.7
(H)	FINAL HYDROSTATIC MUD	2400	2408.9

GAS VOLUME REPORT

RELEASED

APR . 7 1994

FROM CONFIDENTIAL

HALLWOOD PETROLEUM INC.

REYNOLDS #1

DST# 2

WT37	•	ORIFICE	MCF/D	MIN	PSIG	ORIFICE	MCF/D	
MIN		ORIFICE	MCF / D	- MIN	1519	ORIFICE	MCF/D	
10	56	1.5	521000	10	3	1.5	654000	
20	56	1.5	521000	20	- 2.5	1.5	595000	
30	56	1.5	521000	30	2	1.5	527000	
				40	2	1.5	527000	
				50	2	1.5	527000	
		•		60	2	1.5	527000	

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TRILOBITE TESTING L.L.C. RELEASED P.O. Box 362 • Hays, Kansas 67601

Test Ticket

APR .7 1994

			(F)	SOM C	CONFIDENT	IAL
Well Name & No. Reynolds	.1)	Test No	<u>+2</u>	Da	te <u>12-</u>	9-92
company Hallwood Ener						
Address Bux 378/// D						
co. Rep. / Geo. Jim Spellman						
Location: Sec. 19 Twp						
No. of Copies Distribution She	et Yes	X No Tur	nkey	Yes		Evaluation
Interval Tested50	66-5/23	. Driil Pipe	Size		4.5 x-1	40/0
Anchor Length	57.		·		Bottom Choke -	
Top Packer Depth	5061	. Hole Size	e — 7 ^{7/} 8" _	_	_ Rubber Size — (53/4"
Bottom Packer Depth	5066	. Wt. Pipe	I.D. — 2.7 F	t.Run _		
Total Depth			ar — 2.25 Ft	. Run	24/	
Mud Wt9./					Filtrate	
Tool Open @ 3.50 Am Initial B	low strong b	low - botton	n of bi	cket.	30 sec	
					Garad 10	
Final Blow Bottom of baket a	s tool open	./.		<u>-</u>		
					27,000 m	CF
Recovery — Total Feet 330 ′	Feet of Gas	in Pipe			Flush T	001?_ <i>NO</i> _
RecFeetOf		·	%gas	%oil	%water	%mud
RecFeet Of			%gas	%oll	%water	%mud
Rec. 330 Feet Of 6	issy Drlg mu	d	%gas	%oll	%water	%mud
RecFeet Of			%gas	%oli	%water	%mud
RecFeet Of			%gas	%oll	%water	%mud
BHT °F Gravity	ºAPI	@	°F	Correcte	d Gravity	^API
RW @ °F C					,	
(A) Initial Hydrostatic Mud		Ak1 Recorder I	ر	277	Range	1125
(B) First initial Flow Pressure	90psi	@ (depth)	50	96	w/Clock No	27594
(C) First Final Flow Pressure		AK1 Recorder	No	038	Range	5075
(D) Initial Shut-in Pressure	1776_psi	@ (depth)	513	20	w/Clock No	25814
(E) Second Initial Flow Pressure	76 PSI	AK1 Recorder	No		Range	
(F) Second Final Flow Pressure					w/Clock No	
(G) Final Shut-in Pressure	_		_		TestX	
				,	Jars X'	
TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FO KIND OF THE PROPERTY OR PERSONNEL OF THE ONE	FOR WHOM A TEST	Final Flow			Safety Joint	<u> </u>
IS MADE, OR FOR ANY LOSS SUFFERED OR SUST, INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT,	OR ITS STATEMENTS	Final Shut-In _		90	Straddle	
OR OPINION CONCERNING THE RESULTS OF ANY TE DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST					Circ. Sub	
Approved By Approved By	Stille-				Sampler	
Approved By	Julian	<u> </u>			Extra Packer	
Our Representative 10n1	Horacek				Other	·
Printcraft Printers - Hays, KS					TOTAL PRICE \$	950.00

TRILOBITE TESTING, L.L.C. P.O. Box 362 • Hays, Kansas 67601

RELEASED

Drill-Stem Test Data

State Co.

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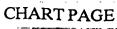
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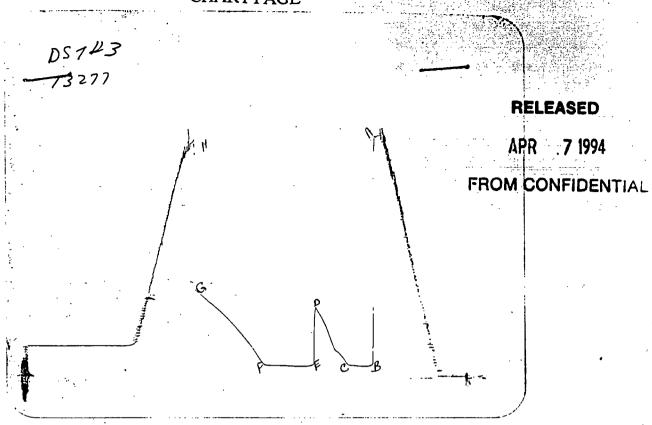
Septem.

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• •		Dr	ill-Ste	m Test D	ata	ΔP	R . 7 1994
Well NameREYN	OLDS #1			Test	1 No. 3	Date 12/9	/92
Company HALI	WOOD PE	TROLEUM				ZONE	CONFIDENTIA
Address P.O.	BOX 37	8111 DEN	VER CO	80237-811	.1	Elevation19!	53
Co Rep /Geo JIM	SPELLMA	N	Cont	EAGLE DRLG		Est. Ft. of	Pay 10
Location: Sec. 19	Tw	32S		Rge19W	Co	COMANCHE	KS KS
						· · · · · · · · · · · · · · · · · · ·	
Interval Tested		5155-52	00	Drill !	Pipe Size	4.5" XH	·
Anchor Length		45					
Top Packer Depth		5150		Drill	Collar – 2.25 Ft. Run	241	
Bottom Packer Depth		5155		Mud	Wt	9.2	· ID/(-3)
Total Depth		5200		Visco	osity	54 Filtra	ate10.4
				•	•		
1001 0001 0					BUCKET IN	1 MINUTE	· · · · · · · · · · · · · · · · · · ·
ISI: BLED OF					-	·-··-	
FILIAL DIOW				OM IN 3.5			•
FSI: BLED O	FF BLOW	- WEAK I	BLOW -	BUILT TO	2"		
	100					***	
Recovery - Total Feet	180				Flush Tool?	NO	
		0	D.T.D.D.		-		
Rec. 1200	Feet of -	GAS IN	PIPE	77 100070	/000 OTT		
Rec30	Feet of -	CLEAN G	ASSY C)IL-10%GAS/	790%OIL	0.000	
Rec150					L/40%WTR/45		
Rec	Feet of -	 				······································	
Rec	Feet of -			\		 	
114			33		60		. 33
4		Fravity		°API 7000		°F Corrected Gr	
RW	- @ <i>-</i>	60 °F	Chlorides	7000	ppm Recovery	Chlorides ———	00 ppm System
		2587 9			13277	_	4125
(A) Initial Hydrostatic Mud	·		_ PSI	AK1 Recorder No.		Range .	
		70.6	200	0 ()	5159	w / Clock No_	27594
(B) First Initial Flow Pressu	ire		_ PSI	@ (depth) —		w / Clock No_	
(C) El (El Decesio		70.6	_ PSI	AV1 Pagardas Na	11038	Range	5075
(C) First Final Flow Pressu	re		_ P3I	AKT Recorder No		Kange	
(D) Initial Shut-in Pressure		788.5	_ PSI	@ /doath)	5197	w / Clock No	25814
(D) Initial Shut-in Pressure			_ 131	⊕ (deptil) —		W / Clock 140	-
(E) Second Initial Flow Pre	eccure.	88.5	_ PSI	AK1 Recorder No		Range	
(E) Second initial Flow Fit	:33016		-13	ART Recorder No		Kange	
(F) Second Final Flow Pre	CUTA	88.5	_ PSI	@ (denth)		w / Clock No	
(i) Second find flow i te	3016		-15	= (GCP (1)) ==		W / Clock No	
(G) Final Shut-in Pressure	_	974.6	PSI	Initial Opening	30	Final Flow	. 60
(a) that sharm tressure			- 1 -1	mad opening.		IniditiOW	
(H) Final Hydrostatic Muc	1.	2544.9	PSI	Initial Shut-in	45	Final Shut-in	90
(17) Finds Figure State Wide				initio Silutal L		i ilidi Silacili	
Our Representative	TOM H	ORACEK	<u> </u>				





This is an actual photograph of recorder chart

		FIELD READING	OFFICE READING
(A)	INITIAL HYDROSTATIC MUD	2580	2587.9
(B)	FIRST INITIAL FLOW PRESSURE	68	70.6
(C)	FIRST FINAL FLOW PRESSURE	68	70.6
(D)	INITIAL CLOSED-IN PRESSURE	779	788.5
(E)	SECOND INITIAL FLOW PRESSURE	82	88.5
(F)	SECOND FINAL FLOW PRESSURE	82	88.5
(G)	FINAL CLOSED-IN PRESSURE	970	974.6
(H)	FINAL HYDROSTATIC MUD	2542	2544.9

T

DST#	3				TICKET	4957	7			
SAMPLE	TOTAL		GAS		OIL	WA	TER		MUD	
#	FEET	%	FEET	- %	FEET	%	FEET	%	FEET	
1	30	10	3	90	, 27	0	0	. 0	0	
2	150	5	7.5	10	15	40	60	45	67.5	
3			0		0		0		0	
4			0		0		0	•	0	
5			0		0		. 0		0	
TOTAL	180	5.83	10.5	23.33	42	33.33	60	37.5	67.5	
			HRS OP	BBL/DAY		•		•	. :	•
BBL OIL=	0.20538	*	1.5	3.28608						
BBL WATER=	0.2934	*		4.6944				•		
BBL MUD=	0.330075	_							RELE	ASED
BBL GAS=	0.051345								APR	.7 1994

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· Sp. L. S. S.

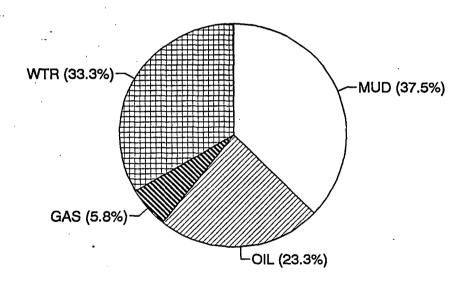
and a

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MUD OIL GAS WTR FROM CONFIDENTIAL



TRILOBITE TESTING L.L.C. RELEASED

P.O. Box 362 • Hays, Kansas 67601

AUR .. 7 1994

Test Ticket

FROM CONFIDENTIAL

Well Name & No. Reynolds	/ Test No. 43 Date 12-9-92
company Hallwood Energy	Zone Tested
Address Box 378/// Denue	(4 80237 Elevation 1953 (KB)
co. Rep./Geo. Jim Spellman	Cont. Eagle Deli de / Est. Ft. of Pay 10'
	Rge. 19 co. Comarke State Ks.
No. of Copies Distribution Sheet	Yes
Interval Tested5/35	-5200 Drill Pipe Size 4.5 X - 140/e
Anchor Length	45' Top Choke — 1" Bottom Choke — ¾"
Top Packer Depth	5/50 Hole Size — 7 ^{7/} 8" Rubber Size — 6 ^{3/} 4"
Bottom Packer Depth	5/55 Wt. Pipe I.D. — 2.7 Ft. Run
Total Depth	*
Mud Wt	— . /
Tool Open @ 11:05 pm Initial Blow 5	trong blow-built to bo them of baket Imin.
IST. Bled off blew - work bles	
Final Blow Fair blow - built to both	in 31/2 min.
FSI- Bled off blow-wax blo	
Recovery — Total Feet	Feet of Gas In Pipe 1200' Flush Tool? NO
RecFeet Of	%gas %oll %water %mud
Rec30Feet Of	/ 0 %gas 9() %oll %water %mud
Rec. 150 Feet Of 000	5 %gas /0%oll 40%water 45%mud
	%gas %oll %water %mud
RecFeet Of	% gas % oll % water % mud
	P Corrected Gravity 33 oA
	s 7000 ppm Recovery Chlorides 7,000 ppm Syste
	PSI Ak1 Recorder No. 13277 Range 4/125
	70 G PSI @ (depth)
(C) First Final Flow Pressure 68	PSI AK1 Recorder No. 1/038 Range 5075
(D) Initial Shut-in Pressure 77	
. 03	SS 5 PSI AK1 Recorder No. Range
(F) Second Final Flow Pressure	PSI @ (depth) w/Clock No
(G) Final Shut-in Pressure 97	101 michi opomige
(H) Final Hydrostatic Mud 2542	PSI Initial Shut-in 45 Jars X
TRILOBITE TESTING LL.C. SHALL NOT BE LIABLE FOR DAMAGE KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHO	M A TEST FINAL FIOW Safety Joint
IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRI INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS ST. OR OBJAINAL CONCERNING THE DESILITS OF ANY TEST TOOLS	ATEMENTS FINAL SHUT-IN STRADGIE
OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE P WHOM THE TEST IS MADE.	PARTY FOR CITC. SUD
	Sampler
Approved by Amb. Spel	Extra Packer
Our Representative Tom Horace	Other

TRILOBITE TESTING, L.L.C. P.O. Box 362 · Hays, Kansas 67601

APR 7 1994

FROM CONFIDENTIAL **Drill-Stem Test Data**

Well Name	REYNOLDS	#1	Test N	4	Date 12/12	/92
Company	HALLWOOD	PETROLEUM INC.		<u></u>	Zone VIOLA	
Address	P.O. BOX	378111 DENVER	0 80237-8111		Elevation1940)
Co. Rep./Geo	JIM SPELL	MAN Cont	EAGLE DRLG	# 1	Est. Ft. of P	
Location: Sec	19	Twp. 32S	Rge19W	Co.	COMANCUE	te KS
Location: Sec. 2				co	Sta	ite
Interval Tested		5775-5813	Drill Pio	e Size	4.5" XH	
		38		e I.D 2.7 Ft. Run		
_	h	577A	•	llar — 2.25 Ft. Run	201	
•	epth	577E		t		
	· · · · · · · · · · · · · · · · · · ·			у	51 Filtrate	8.6 lb/Gal.
Tool Open @	11.05 avln	itial STRONG BLOW		-		
Final BlowSURFACE		OW - BOTTOM OF ITES / GAS SAMP			GAS TO	
Recovery - Total I	Feet	90		Flush Tool?	NO .	
Rec90	Foot	of GASSY MUD-1	0%GAS/90%MUD		•	•
		of			· · · · · · · · · · · · · · · · · · ·	
		of			- 	
		of				
Rec		of				
1100.		VI				
BHT138	· •c	Gravity	•ADI @		°F Corrected Gravi	4 04D
		°F Chloric				
		r chloric	μρ	iii Recovery	Chlorides —————	—— ppm System
(A) Initial Hydrost	tatic Mud	2944.6 PSI	AK1 Recorder No	13754	Range	4000
·	tatic Midd	•	7 NCT NCCOTACT 110;		Kange	
(B) First Initial Flo	w Pressure	40.5 PSI	@ (depth)	5779	w / Clock No	27567
(C) First Final Flov	w Pressure	40.5 PSI	AK1 Recorder No	7437	Range	4200
(D) Initial Shut-in	Pressure	2110.8 PSI	@ (depth)	5809	w / Clock No	8376
(E) Second Initial	Flow Pressure	40.5 PSI	AK1 Recorder No. —		Range	
(F) Second Final F	Flow Pressure	40.5 PSI	@ (depth)	·····	w / Clock No	
(G) Final Shut-in I	Pressure	2140.8 PSI	Initial Opening	30	Final Flow	60
(H) Final Hydrosta	atic Mud	2844.7 PSI	Initial Shut-in	45	Final Shut-in	90
Our Representati	ve DAN	BANGLE				

CHART PAGE

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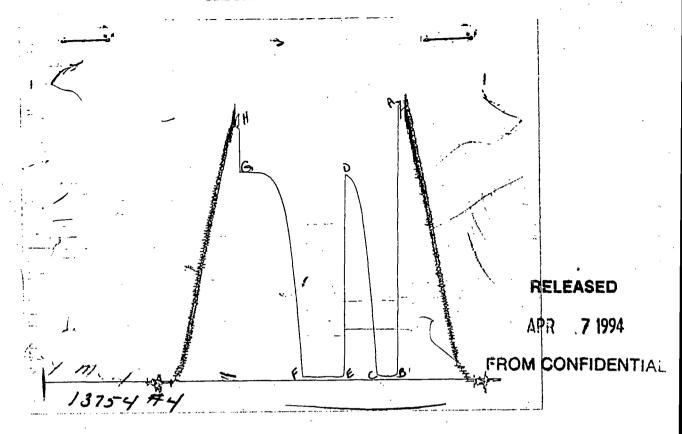
- Callette - C

Lange

A. C. Marie

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This is an actual photograph of recorder chart

		FIELD READING	OFFICE READING
(A)	INITIAL HYDROSTATIC MUD	2939	2944.6
(B)	FIRST INITIAL FLOW PRESSURE	39	40.5
(C)	FIRST FINAL FLOW PRESSURE	39	40.5
(D)	INITIAL CLOSED-IN PRESSURE	2107	2110.8
(E)	SECOND INITIAL FLOW PRESSURE	39	40.5
(F)	SECOND FINAL FLOW PRESSURE	39	40.5
(G)	FINAL CLOSED-IN PRESSURE	2137	2140.8
(H)	FINAL HYDROSTATIC MUD	2837	2844.7

GAS VOLUME REPORT

APR .7 1994

FROM CONFIDENTIAL

HALLWOOD PETROLEUM INC.

REYNOLDS #1

DST# 4

MIN	PSIG	ORIFICE	MCF/D	MIN	INCHES	ORIFICE	MCF/D
						•	
		•		0		0.5	
	-	-	•	5		- 0.5	
				. 10	20	0.5	28
			•	15	22.	0.5	29.4
				20	24	0.5	30.7
		•		25	- 26	0.5	31.9
				30	26	0.5	31.9
				35	26	0.5	31.9
				40	26	0.5	31.9
		····*		45	. 26	0.5	31.9
;.			•	50	26	0.5	31.9
				55	26	0.5	31.9
	•	,		60	26	0.5	31.9

TRILOBITE TESTING L.L.C. RELEASED

P.O. Box 362 • Hays, Kansas 67601

APR . 7 1994

Test Ticket

FROM CONFIDENTEL 5573

Test No 4 Date
zone Tested Viala
Elevation 1940 K.B.
e /e # Est. Ft. of Pay
19 co. Comanche state Ks.
No Turnkey Yes NoEvaluation
Drill Pipe Size 4.5 X //
Top Choke — 1" Bottom Choke — ¾"
Hole Size — 7 ^{7/} 8" Rubber Size — 6 ^{3/} 4"
Wt. Pipe i.D. — 2.7 Ft. Run
Drill Collar — 2.25 Ft. Run 30/
Viscosity Flitrate 8.6.
- B.O.B. in 3 min.
sec. G.T.S. in 10 min.
, ged
Pipe (-, T. S. Flush Tool?
10 %gas %oll %water 90%mud
%gas %oil %water %mud
%gas %oil %water %mud
%gas %oll %water %mud
%gas %oil %water %mud
ppm Recovery Chlorides 8, 660 ppm System
1 Recorder No. 13754 Range 4000
@(depth)
(1 Recorder No. 74.3-7 Range 42.00
@(depth)
K1 Recorder NoRange
@ (depth) w/Clock No
Itial Opening 30 Test 2000
Itlal Shut-in 45 Jars X 200
nal Flow 6 C Safety Joint x 50 00
nal Shut-In <u>90</u> Straddle
Circ. Sub
Sampler
Extra Packer
Other
TOTAL PRICES 950

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

INVOICE

A Halliburton Company

MAR 3 0

)	·	298964	-112/01	$\sqrt{1887}$
WELL LEASE NO /PLANT N	AME	WELL/P	LANTLOCATION	NATATE	WÉLLIF	LANT OWNER	i sa
			Carini			•	
EYNOLDS 19-1		COMANCHE		KS S	SAME	•	
SERVICE LOCATION	CONTRA	CTOR	JOB PU	RPOSE	1.2	TICKET	DATE
				; .			
REAT BEND	EAGLE DRII	LLING CO	CEMENT SURFAC	E CASING	3	12/01	Z1992
ACCT. NO. CUSTOMER A	GENT	VENDOR NO.	CUSTOMER P.	O. NUMBER	SHIPPE	O VIA	FILEN
					e	٠.	
355880 GEORGE HUTTON	S. A. Carlo			· . ·	COMPANY	TRUCK	43660

AFE #2125005
HALLWOOD PETROLEUM, INC. 800,640 GREAT BEND, KS 67530

DIRECT CORRESPONDENCE TO:

FIRST OKLAHOMA TOWER 210 WEST PARK AVENUE **SUITE 2050** OKLAHOMA CITY, OK 73102-5601

			•		
PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING ARE	A - EASTERN AREAI	_			
	MILEAGE	5 9	MY	2.60	153.40
		1	UNT		
001-016	CEMENTING CASING	738		. 6 80.00	680.00
	two controls of the second		UNT		
~030-018	CEMENTING PLUG 5W, PLASTIC TOP	8 5/8		130.00	130.00
		" 1	EA		
24A	INSERT FLOAT VALVE - 8 5/8"8RD	1	EA ,	171.00	171.00
815.19502 27	FILL-UP UNIT 7"- 8 5/8"	1	EA	30.00	30.00
815.19418		_ <u>_</u>	E.A.	30.00	30.00
40	CENTRALIZER 8-5/8" X 12.25"	2	EA	62.00	124.00
807.93059				02.00	1 2 2 2 3 3 3
320	CEMENT BASKET 8 5/8"	1	EA	122.00	122.00
8888.008				l saint i	
504-308	STANDARD CEMENT	! <i>!</i> .	SK	6.56	590.40
506-105		4440		052	230.88
	HALLIBURTON-GEL 2%		LB	.00	N/C
	ANHYDROUS CALCIUM CHLORIDE		SK	26.50	106.00
	HALLIBURTON LIGHT W/STANDARD	315	1	6.12	1,927.80
509-406 507-210	ANHYDROUS CALCIUM CHLORIDE FLOCELE	988	/	26.50 1.30	238.50 114.40
507-210	MILEAGE CMTG MAT DEL OR RETURN			.80	76.16
500-225	CEMENTING MATERIALS RETURNED	1 / /	CFT		12.95
500-207	BULK SERVICE CHARGE	1 250 6 2 5277 1	CFT		611.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	4: 5		.80	1,098.65
	The second state of the second	1. April 1.		RELEASED	A STATE OF A STATE
		grand to a		RELLAND :	
	INVOICE SUBTOTAL			Ann 7 1004	6,417.94
	The production of the latest the second of	u e s signif silatakan mara	i dalie	APR 7 1994	
	DISCOUNT-(BID)				1,155.23-
	INVOICE BID AMOUNT		FF	OM CONFIDEN	17L5,262.71
					The state of the s
		Le to the same of the			

AFFIX JOB TKT

FORM 1900-R49

PAGE:

COSTOMER COFT

INVOICE

HALLIBURTON SERVICES

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

DALLAS, TX 75395-1046

A Halliburton Company

ORIGINAL

				<u> </u>	· · · · · · · · · · · · · · · · · · ·	298964	<u> </u>	<u>/1991</u>
WELL LEASE NO /PLANT N	IAME	WELL	PLANT LOCATIO	N	STATE	WELL	PLANT OWNE	R -
REYNOLDS 19-1		COMANCHE			KS	SAME		
SERVICE LOCATION	CONTRAC	TOR		JOB PURP	OSE		TICKET	DATE *
and the second second second second	14, 1						. •	.4 %
GREAT BEND	EAGLE DRIL	LING CO	CEMENT	SURFACE	CASIN	<u> </u>	12/01	L/199:
ACCT NO. CUSTOMER A	GENT	VENDOR NO.	C	USTOMER P.O.	NUMBER	SHIPPE	D VIA	FILEN
				.*				
355880 GEORGE HUTTON			<u> </u>	· .		COMPANY	TRUCK	43660
			,			· · · · · · · · · · · · · · · · · · ·		

RELEASED

DIRECT CORRESPONDENCE TO:

HALLWOOD PETROLEUM, INC. 915 PATTON ROAD GREAT BEND, KS 67530

ADD 7 1994

FIRST OKLAHOMA TOWER

210 WEST PARK AVENUE

SUITE 2050

FROM CONFIDENT PALLAHOMA CITY, OK 73102-5601

	PHOW 9			
PRICE REF, NO.	DESCRIPTION	QUANTITY	U/M UNIT PRICE	AMOUNT
	*-Kansas State Sales *-Barton County Sales			220.59 45.03
. (a) 1	A some some some some some some	A Secretary of the second		and the second of the second o
- X ² -			MAR	-
			CONF	DENTIAL
44 A				115
	n-minute.			
may a second and a second a second and a second a second and a second				
	INVOICE TOTAL - PLEASE PAY THE	* W : 2 /2 47	3	\$5,5 28.83

APPTY TOD TOT

TERMS

INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPOCUSTOMER'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 NEVE TO EXCEED 18%, PER ANNUM, IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO EMPORE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AN

PAGE:

FORM 1900-R4

TICKET A No. 298964-6

FORM 1906 R-11		and the same	The state of		The second	4.35		- Jan	gr-le d			
WELL NO.—FARM O	public water			COUNTY	STATE	СП	Y / OFFSHOF	RE LOCATI	ON	. 27.2	DATE - 92	
CHARGE TO	20105	4		COMA)(HE	NER KS			TICKE	TYPE (C	HECK ONE)	/2-1-YZ	•
HALLWOOD	PETROLLIM			DELEACED SA	SAME				ICE 🗶	SALES	YES _	NO X
ADDRESS	No.		11.00		ITRACTOR	ries.	100	17	CATION	A. 101	CODE	
CITY, STATE, ZIP		- 50 300	THE STATE OF THE STATE OF		THE DATES		CHARGES		CATION	BEND	CODE 3225	0
The second second		*		S	(1797 # IL	PPC	COLLE		PRAIT	28,	2555	5
WELL TYPE	WELL CATE	West !	ارا	HUM CONFIDENIII	IVERED TO		Salas and	3	OCATION	To a Marriage	CODE	
TYPE AND PURPOSE	OF JOB 01 - D13	CLO	PMUT	ORI	DER NO.	State (A)		REFE	RRAL LOC	CATION	Agents of the	And the second
210 - CEME	it surface ca	120	6	B-2,3013								
of invoice. Upon (lawful contract ra fees in the amoun	tion, the above-named custo customer's default in paymer te applicable, but never to ex it of 20% of the amount of th	mer ago nt of Cu sceed 1 e unpai	istomer's according to the second sec	liburton in accord with the rates and terms st int by the last day of the month following th in the event it becomes necessary to employ be terms and conditions shall be governed by the	ated in Halliburton's curren o month in which the invoi an attorney to enforce co ne law of the state where s	t price i ce is da lection d ervices	ists. Invoices p ted, Customer of said account are performed	payable Mit agrees to it, Custom or equipm	pay intenser agrees ent or mar	20th of the fo est thereon at to pay all coll terials are fur	ter default at the his ection costs and atto hished.	date ghest orney
Halfiburton FITNESS FOR A PA (whether in contract	warrants only title to the pro- RTICULAR PURPOSE OR OTI- t, tort, product liability, brea	iucts, s IERWIS ch of w	upplies and ma E WHICH EXT varranty or oth	terials and that the same are free from defects IND BEYOND THOSE STATED IN THE IMMEDI erwise) arising out of the sale or use of any ance to the customer of credit for the cost of	in workmanship and mate ATELY PRECEDING SENTER products, supplies or mater	rials. TH VCE. Hal ials is e	ERE ARE NO V liburton's liab expressly limite	WARRANTI lity and co	ES, EXPRI	SS OR IMPLI exclusive ren t of such pro	ED, OF MERCHANTA nedy in any cause of ducts, supplies or m	BILITY, f action aterials
on their return to hamages.	falliburton or, at Halliburton's	s option	n, to the allow	ence to the customer of credit for the cost of	f such items. In no event s	shall Hal	liburton be lia	ble for spe	ecial, incid	ental, indirec	t, punitive or consec	quential
PRICE REFERENCE	SECONDARY REF OR PART NO.	O L	ACCOUNT	DESCRIPTION		NITS 1		UNITS	_	UNIT	AMOUN	п
1,40,404		C.		MILEAGE	ату	+	MEAS	ату	MEAS		-	
111-000	-	1		IVIILEAGE		59 4	20		<u> </u>	760	153	40
001-016		1	10.	DAMP CHARGE	73	8	FT		462	980°	680	20
030-018		1	3.2	TOP PLUG 54		1	A	8.15	<u>:</u>	13000	130	00
244	815.19502	1		INSIGT FLOAT VALUE		_ ;	4	25/2	<u> </u>	7120	121	33
- 25	815,19415	,	e e	AUTO FOI UP	,	. [A	• • •	:	3000	30	20
40	807.93059	,		201014076	1.0	2	. A	2 /2	ļ.	63 33	124	The same
330	800.8888	1,		CEMUT PASSIT		1	FA	878	14.	135 00	123	
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		+		an notes to		10	7/1	7			-	+
	+	+	5	PISILO .	17/11/11	11/3			-			-
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N. A. A. A.		T							1			\top
	14	\top		6. 7. 8				ř.	†		1	
AS PE	R ATTACHED BUL	K M	ATERIAL	DELIVERY TICKET NO.	λ B- s	72.	0				w	
17-070467		1		WE CERTIFY THAT THE FAIR LAE COMPLIED WITH IN THE PRODU	OR STANDARDS ACT OF 1	1938, AS	AMENDED H	AS BEEN		Tr.	5007	24
WAS JOB SATISFACTO WAS OPERATION OF E	QUIPMENT SATISFACTORY?			FURNISHED UNDER THIS CONTR	ACT.	WITH	ESPECT TO S	ERVICES (G	1		1
1. 以图像·加州 14-	OF PERSONNEL SATISFACTOR	RY7	19.4	IW 3 3 GAW	Com 8937	1	64 × 61	e e e e e e e e e e e e e e e e e e e	.	SUB	6417	94
Was additional and appropriate			Process of the second s									-

CUSTOMER

A Division of Heliburton Company DUNCAN, OKLAHOMA 73538

BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND

СОПИТА That is made CONTRACTO CHARLE 01-92 REMULES 的数据这类的数件的"下。" MAILING AGARGO PERCEPIM OCH COLOR OF REPARED BY DENVENED FROM A TAKE DON, PARADIS PROCKER CITY & STATE water and the same 3693/7488 2656/6660 LOCKTION SECONDARY REF. OR PART NO. CODE UNITS 1 UNITS 2 PRICE AMOUNT DESCRIPTION LD QTY. MEAS QTY. MEAS 504-308 516.00261 6/56 590 STANDARD CEMENT HENDED 601 506-105 516-00286 1440 230 88 POZMIX "A" HENDED 40% -052 506-121 516,00259 HALLIEURION GEL 26 ALLOWED NC 509-406 890,50812 CALCIUM CHARIDE HENDED 3% 26.50 106 00 14 315 1927 80 504-316 6.12 2142 HATTER COUNTY OF THE COUNTY CALCIUM CHLORIDE HENDED 3% 26.50 220 50 509-406 **590,50812** 1.30 507-210 FICTIE HENDED 1/4# 114 890.50071 MAR 3 0 CONFIDENTIAL RELEASE FROM CONFIDENTIAL THAT I COTOLOGICAL MOZE LOVING Returned Mileage Charge 095.20 LOADED MILES ,80 500-306 76 16 SERVICE CHARGE ON MATERIALS RETURNED CU. FEET 35 37 500-225 12 95 SERVICE CHARGE CU. FEET 532 500-207 1.15 611 80 46.553 IGHT LOAD MILES 1373.313 500-306 1008 rooz 54 CARRY FORWARD TO INVOICE SUB-TOTAL 5132 FORM 1911-R5 REV. 9-81



WORK ORDER CONTRACT

وي المراكزة المجاولة المراكزة

A Section

DISTRICT GRUT BWD KS

DATE 12 - 92

TO:	HALLIBURTON SERVICES	A STATE OF THE PARTY OF THE PAR	YOU AR

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

(CUSTOMER)

THE SAME AS AN INDEPENDENT CONTRACTOR TO: HALLMOS DETROLLIA

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO	19-1-	LEASE	REYDOLDS	4 .54%.+ 		SEC	10	_ TWP. 3	5?		ge 19W
FIELD			NTY COMMINE								·
Sales Contraction of the Contrac	·····································	IE FOLLOW	ING INFORMATIO	N WAS FURN	ISHED	BY TH	E CUSTON	MER OR H	IIS AGEN	<u> </u>	tar all est
FORMATION >		is being french	TYPE		{, * ,	NEW USED	WEIGHT	SIZE .	FROM /	то	MAX. ALLOW. P.S.I.
FORMATION THICKNESS _		FROM	ı то	CASI	NG	U	28	82/6.	KB	738.34	
PACKER: TYP	E	•	SET AT	LINE	R		•			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
TOTAL DEPTH	4	MUD	RELEASED	. TIRI	NG		•	20"	Gi	109'	
BORE HOLE	* '		MELEAGED		HOLE				738.34	742	SHOTS/FT.
INITIAL PROD): OIL	BPD, H₂O_	APR BPD 3 1994	MCF PERF	ORATIO	HAI:I an	3 U	41			
PRESENT PRO			•	PERF	ORATIO	MO.3 ^N	FIDENTI	, , , , , , , , , , , , , , , , , , ,			
		FROI	M CONFIDEN		FORATIO			<u> </u>	<u> </u>		
PREVIOUS TR		DATE	TYPE				_ MATERIALS	3			
TREATMENT	INSTRUCTIONS:	TREAT THRU	TUBING 🛘 ANNULUS	🗆 .CASING 🗹 TUI	BING/AN	INULUS 🗆	HYDRAULIC	HORSEPO\	VER ORDER	D	
CIMUT E	3 ⁵ /8" SURFA	RE CVERT	ere 001 for	HOUSELLA	47	39066	<u>, 44 s</u>	JSK FLO	uil_		<u>.</u>
•				40.60 P							
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	tion, the above-named Halliburton in accord v	-	THIS CONTRACT terms stated in Halliburton's	MUST BE SIGNED BE				ne following ma	onth after date of	of invoice. Upon (Customer's default i

- 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 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.
- 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 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 out not limited to, surface and subsurface damage. The term "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.
 - 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 poliution, 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 Se

- 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, not the results of any treatment or service, not 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. 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 sequipment, 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.
- 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

PATE 12-1-92

TIME 1120

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.

JOB

HALLIBURTON FASTRU ARA

SUMMARY HALLIBURTON GRIAT BULKS

SUMMARY HALLIBURTON GRIAT BULKS

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HALLIBURTON SERVICES
JOB LOG

WELL NO 19-1 LEASE

_TICKET NO. 298787

CUSTOMER HALLWOOD PETENTAM

PAGE NO.

FORM 20 1 ฮี ก - 2

CUSTOMER PRIVATION PER 1831

_DATE_12 - 42

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INVOICE

915 PATTON ROAD

GREAT BEND, KS 67530

A Halliburton Company

P.O. BOX 951046

295306

WELL/PLANT LOCATION WELL LEASE NO /PLANT NAME WELL/PLANTOWNER COMANCHE KS SAME

REYNOLDS 19-1 JOB PURPOSE SERVICE LOCATION CONTRACTOR TICKET DATE 12/15/1992 CEMENT PRODUCTION CASING EAGLE DRLG PRATT

ACCT. NO. VENDOR NO. CUSTOMER P.O. NUMBER FILE NC COMPANY TRUCK GEORGE HUTTON 44198

AFE #2121006 DIRECT CORRESPONDENCE TO:
INC. FIRST OKLAHOMA TOWE
210 WEST PARK AVENU

HALLWOOD PETROLEUM, IN

FIRST OKLAHOMA TOWER

210 WEST PARK AVENUE SUITE 2050

OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION (LIA)"	- OCH PARTY	U/M	UNIT PRICE	AMOUNT
PRICING ARE	DESCRIPTION (AIA) A = EASTERN AREA1 MILEAGE CONF	DE.	:		
	MILEAGE	60	MI	2.75	165.00
		1	UNT	Company Share Some	
001-016	CEMENTING CASING	6259	FT	1,745.00	1,745.00
		T)	UNT		
030-016	CEMENTING PLUG 5W ALUM TOP	5 1/2	IN	60.00	60.00
And the second of the	CEMENTING PLUG 5W ALUM TOP	ELEASEU	EAL	The same of the same	and the second second
018-317	SUPER FLUSH	12	SK	100.00	1,200.00
12A	GUIDE SHOE - 5 1/2" 8RD THD. A	PR 7 1994 1	EA	121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2"8RD FROM	CONFIDENTI	ΔEA	83.00	83.00
815.19251	4		l		·
	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.19315					
40	CENTRALIZER 5-1/2" X 7 7/8"	12	EA	44.00	528.00
807.93022		The same of the sa			
	CEMENT BASKET 5 1/2"	2	EA	90.00	180.00
800.8883			(1 T)		
	STANDARD CEMENT	190 950		6.76 13	1,284.40
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507-775	HALAD-322	134		6.45	864.30
504-308	STANDARD CEMENT	100		6.76	676.00
508-291	GILSONITE BULK	500		.35	175.00
509-968	SALT	600	r	.13	78,00
	CAL SEAL	5	SK	20.70	103.50
507-775	HALAD-322	71		6.45	457.95
500-207	BULK SERVICE CHARGE	342	. –	1.25	427.50
	MILEAGE CMTG MAT DEL OR RETURN			.85	775.19
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		A September 19 of the		F	

AFFIX JOB TKT

INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF THE MONTH 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 EREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO FORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND TORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

FORM 1900-R4

INVOICE



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

A Halliburton Company

295306 12/15/1992

4-12-23-33-33	WELL LEASE NO./PLANT.N.	IAME	WELLIP	PLANT LOCATION	STATE	WELL	LIPLANT OWNER	R 168.
REYNOLD	S 19-1		COMANCHE		KS	SAME		
SEI	RVICE LOCATION	CONTRAC	CTOR	JOB F	PURPOSE		TICKET	DATE
PRATT		EAGLE DRLG	;	CEMENT PRODU	CTION CA	ASING	12/15	5/199:
ACCT. NO.	CUSTOMER AC	GENT	VENDOR NO.	CUSTOMER	P.O. NUMBER	SHIPPT	ED VIA	FILEN
355880	GEORGE HUTTON	4, 44 %				COMPANY	TRUCK	44198

GREAT BEND, KS 67530

AFE #2121006 DIRECT CORRESPONDENCE TO:
HALLWOOD PETROLEUM, INC.
915 PATTON ROAD
GREAT BEND, KS 67530

AFE #2121006
DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050 FIRST OKLAHOMA TOWER 210 WEST PARK AVENUE

OKLAHOMA CITY, OK 73102-5601

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	*-PRATT COUNTY SALES		7 1994	47.57
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PAGE 1 OF _____ PAGES

FORM 1906 R-11



ORIGINAL TICKET
No. 295306-0

A Division of Halliburton Company

WELL NOFARM	OR LEASE NAME			COUNTY	COUNTY			SHORE LO	CATION	[DATE	
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ADDRESS	L WOOD	L. Fe	LEOKE!		CONTRACTOR				LOCATION	- '	CODE	
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	reat Re	uk	الم. ال	5 67530	52504		ח ר	1'	2		CODE	
WELL TYPE	WELL CATE	GORY	-/-	WELL PERMIT NO.	DELIVERED TO				3 LOCATION		CODE	
21- OIL TYPE AND PURPOS	SE OF JOB				LOCA ORDER NO.	TION			J REFERRAL LOC	ATION		
35 · 5 1/2		RIN	G	B-136036	ONDEN NO.			ľ	ici cinibic coc	Allon		
	ation, the above-named Custo Customer's default in paymen ate applicable, but never to ex	mer agr	ees to pay Hal stomer's accou	liburton in accord with the rates and unt by the lest day of the month folio- in the event it becomes necessary to se terms and conditions shall be gover	terms stated in Hallib wing the month in w employ an attorney	urton's current p hich the invoice to enforce collec	rice lists. Inve is dated, Cus tion of said a	pices payab tomer agre count. Cu	le NET by the 2 es to pay interestomer agrees t	Oth of the fo st thereon af o pay all coll	Blowing month after ter default at the his action costs and atte	date ighest ornev
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COSTOMER C	OPHIS AGENT (PLEASE	PHINT)	HALLIBURTON APPROVAL							OL ADDED UN	HAACICE
CUSTOMER C	OR HIS AGENT (SIGNAT	URE)		THE ROTAL STATE								

BULK MATERIALS DELIVERY

AND

DATE	CUSTOMER ORDER	ÑO.	WE	LL NO. AND FARM		cou	NTY				STATE	
12-16-92				19-1 REYNOLDS			COMAN	CHE			KS	
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	PEIROLELM INC			AME			DRIG C		·	N° D	T200	30
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CITY & STATE			p	RATTIKS.		2555 TRUCK NO	5	BECEI	I PARA	DIS		
									11	<u> </u>		
				LOCATION		41243	<u>/488</u>	1				
PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	ĺ	UNITS	1	WITS	2	UNIT PRICE	AMOUN'	т
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509-968	516,00158		SALT BLENDED	10%		950	1b			.10	123	00000000000000000000000000000000000000
508–127	890,50131		CALSFAL BLEN			9	sk			19.70	186 177 -	30
507-775	516.00144		HALAD-322 HI			134	1b			6.30	864 844	30
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504-308	516.00261		STANDARD CEM	FNT		_100	sk			6.56	676 65 6	00
508-291	516.00337		GILSONUE BL	FNDED 5#		500	1b			.35	175	∞
509-968	516,00158		SALT BLENDED	10%		_600	1b			.10	78 60	00
508-127	890,50131		CALSFAL BLEN				sk			19.70	103	50 50
507-775	516,00144		HALAD-322 BI			71				6.30	457	25
307-775	516.W1 24		HALAD-322 BL	#NUFU . 15%		/_	TD			0.30	-2/1	30
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	·		SERVICE CHARGE ON	MATERIALS RETURNED			CU. FE	ET				
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500-207		- -	SERVICE CHARGE		η-		CU. FE	ET 3	12	1.15	-303	30-
500-306				30,915		59	911.		1		775	19
	000	<u> </u>	 	TOTAL WEIGHT	LOADI	ED MILES	TON M	ILES		. 80	-77	64
No. B 136	U36				CAR	RY FORWAI	RD TO INV	DICE	SUB-T	DTAL	- 5/5/ 4922 -	59
L			FORM 1911 - R7 REV. 8-85	· · · · · · · · · · · · · · · · · · ·								



FORM 1908 R-7

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ORIGINAL ATTACH TO INVOICE & TICKET NO: 295306

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DISTRICT		

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This END CMI WITH 100 SKS STANDIAD W/ 58 EA.Z, 10 & SALT. 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 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 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 agrany 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 ti-'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 result 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 Hall-tourt 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 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 on a poly 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 of the properties and the difference products. 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 investment of the supporting services. 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 Hallburton shall not be liable for and Customer shall indemently Hallburton shall not be liable for and Customer shall indemently Hallburtons singular. 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 IMPLIE OF 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 materials in the intervention of at 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 individual control of the cost of such items. 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, 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, 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. shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are not recovered, customs 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 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. Customs 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 burdon; 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.
- 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.

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

JOB SUMMARY

HALLIBURTON

PRAIT, KS

BILLED ON 295306

	•				WELL	DATA						
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		1	}	T	CEMEN		#					
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+			MICO	B	5611	O & SALT.	<u> کې ۔</u>	ZIHIK	7:322		1.33	15.8
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ERAGE _		5-MIN	RSEPOWER	15-MIN		CEMENT SLURE	RY BOL	•GAL				
ERAGE _	5TANT	HYDRAULIC HO										
ERAGE _						TOTAL VOLUME	: 88L.·0	3AL———	RFMA	ARKS		
ERAGE		AVAILABLE AVERAGE RAT	ES IN BPM	_useD		TOTAL VOLUME	: 98L0	3AL	REMA	ARKS	<u></u>	
ERAGE UT-IN IN DERED _		AVAILABLE AVERAGE RAT		_used			: 88L.·C	· · · · · · · · · · · · · · · · · · ·	REMA	ARKS		
ERAGE _		AVAILABLE		USED			9840		REMA	ARKS		

HALLIBURTON SERVICES WELL NO. 19.1 LEASE KEYNOLDS TICKET NO. 295306 JOB LOG CUSTOMER HALL WOOD PETROLFUM PAGE NO. JOB TYPE 5/2" LOUD STRING DATE 12-15-92 FORM 2013 R-2 VOLUME DESCRIPTION OF OPERATION AND MATERIALS TUBING CASING JOB RENDY NOW /Inc) CALLED OUT DR JOB 1100 PUMP TRUCK ON LOCATION

RIG LAYING DOWN DRILL PIPE

OUT OF HOLE WITH D. P. 1430 RELEASED 7 1994 PR 1500 START RUNNING S/2 CXX PT FOLIP FROM CONFIDENTIAL 1630 INSING ON BOTTOM 62591 1930 HOOK UP POTITING HEAD & CIRCUITING 1940 START GIRCUMINO WITH RIE PUMP 2020 THROUGH CIRCULATING HOL UP TO PUMP TRUCE 450 pump 20 BBIS SALT FLUSH 2018 7.5 20 450 pump 5 BBIS FRESH WATER 7.5 7.5 450 PUMP 12 BBS SUPER FLUSH 300 pump 5 BBIS FRESH WATER 70 2034 START MIXING LEND CEMENT 190 SKS) 450 START MIXING TAIR END CMT 751 45.5 (00 SKS) 26.5 2044 THROUGH MIXING CEMENT SHUT DOWN 2045 WASH OUT PUMP! LINKS RELEASE PLUG + MEASURING LINE 2046 80 STARY DISPLACING 149.01 FLOAT HELD MAR 3 0 in the state of th