STOE ONE

STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- 135-23,400-0000
OIL & GAS CONSERVATION DIVISION  WELL COMPLETION FORM	County Ness
A LOCAL DE MANAGEMENT	150'SE C SW SEE 23 Tup. 195 Rgc. 22 X West
Operator: License # 8996	610 Ft. North from Southeast Corner of Section
Name: Mid Continent Resources, Inc	Ft. West from Southeast Corner of Section (MOTE: Locate well in section plat below.)
Address P.O. Rox 399	Lease Name Gillig Well# 1
Garden City, Ks 67846  City/State/Zip	Producing Formation NA
Purchaser: NA	1
- Contact	Elevation: Ground 2242
Phone (316) 275-7461	5280
Contractor: Name: Emphasis Oil Operations	4950
License: 8241	4290 3960 3630
Wellsite Goologist: Scott Corsair STAILUM	
DESIGNATE INDER OF COMPLETION	
X New Well Re-Entry Workover	1980 IN
Oil X SMD Temp. Abd. CON Gas Inj Delayed Comp. Dry Other (Core, Water Supply, etc.)	Michita, Kansas 990 660
If CHAO: old well info as follows:	7-18-90
Operator:	25 4 4 4 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5
	Amount of Surface Pipe Set and Cemented at 484 Feet
Comp. Date Old Total Depth	Multiple Stage Cementing Collar Used?Yes XNo
Drilling Method: X Mud Rotary Air Rotary Cable	If yes, show depth setFeet
1/26/90 2/6/90 3/23/90	If Alternate II completion, cement circulated from1465 .
Spuid Date Date Reached TD Completion Date	feet depth to surface w/ 200 sx cmt.
Derby Building, Wichita, Kansas 67202, within 120 days 82-3-106 apply. Information on side two of this form will writing and submitted with the form. See rule 82-3-	be held confidential for a period of 12 months if requested in 107 for confidentiality in excess of 12 months. One copy of all this form, ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 Il temporarily abandoned wells. Any recompletion, workover or
with and the statements herein are complete and songert to t	gated to regulate the oil and gas industry have been fully complied ha beat of my knowledge.  By R. Erb
NOTAR NOTAR	Y PUBLIC K.C.C. OFFICE USE ONLY
Title Geologist Scott Corsair My Appl. Ex	
Subscribed and sworn to before me this 25th day of May	
19 90. Notary Public Stanles B. Extra	KCC SWO/Rep NCPA  KGS Ptug Other
Date Commission Expires 9 / 5-92	(Specify)

ORIGINAL

SIDE TWO

Sec. 23 Twp.198 INSTRUCTIONS: Show Interval tested, time hydrostatic pressure	important tops	nd closed, flowing	and shut-in pre	essures, whet	her shut-in pro	essure rea	ched static leve	ι.
f more space is nee	ded. Attach co	opy of log.						
rill Stem Teats Tak (Attach Additiona		Yes: No		. ,	Formation Desc	cription .		<b>-</b>
amples Sent to Geol	ogical Survey	🗌 Yes 🖾 No .		•	Log 🗆	Sample	3	
ores Taken	:	Yes No	Name Anhydr:	ite	тор 1483	Bott	tom '	2
lectric Log Run (Submit Copy.)	, , , , , , , , , , , , , , , , , , , ,	X Yes No	Heebne Lansin	r	3711 3754		;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	•
		1	BKC Ft. Sc	ott	4087 4264	,		
		ı.		sippian e City	4363 4483 4580		•	
			Arbuck	ر 1	4757		ζ.	
	· · · · · · · · · · · · · · · · · · ·				1,0/	*	····	٦
	<del></del>	CASING RECORD	New XX (	Used intermediate,	production, et	<del>,                                    </del>		
	Size Hole Drilled	l strings set-condu Size Casing Set (In O.D.)	Weight Lbs./Ft.	Used Intermediate, Setting Depth	production, et	# Sacks Used	Type and Percen Additives	
Purpose of String Surface	Size Hole	l strings set-condu	New XX Lactor, surface,	Used Intermediate, Setting	production, et	# Sacks	1	t -
	Size Hole Drilled	l strings set-condu Size Casing Set (In O.D.)	Weight Lbs./Ft.	Used Intermediate, Setting Depth	production, et	# Sacks Used	Additives	_
	Size Hole Drilled	Size Casing Set (In 0.0.)	New XX Lactor, surface, Weight Lbs./ft.	Used intermediate, Setting Depth	Type of Cement 60/40	# Sacks Used 250	Additives 2% CC	_
Surface Production	Size Hole Drilled .12 1/4" .7 7/8*	Size Casing Set (In 0.0.) 8 5/8"	Weight Lbs./Ft.	Used Intermediate, Setting Depth 484 ' 4762 ' Acid,	Type of Cement 60/40	# Sacks Used 250 200 250 Cement Sq	Additives  2% CC  2% gel 18  2%CC  peeze Record Depth	_
Surface Production top stage	Size Hole Drilled .12 1/4" .7 7/8"  PERFORATION Specify Footag 4385-439	Size Casing Set (In 0.0.)  8 5/8"  5 1/2"  RECORD e of Each Interval	New XX ( actor, surface, Weight Lbs./Ft. 24 15.5	Setting Depth 484' 4762' Acid, (Amount an	Type of Cement  60/40  60/40  HIC & CO	# Sacks Used 250 200 250 Cement Sq	Additives  2% CC  2% qel 18  2%CC  peeze Record	_
Surface Production top stage	Size Hole Drilled .12 1/4" .7 7/8"  PERFORATION Specify Footag 4385-439	Size Casing Set (In 0.D.)  8 5/8"  5 1/2"  RECORD e of Each Interval  3	New 12 ( actor, surface, Weight Lba./ft. 24 15.5 Perforated	Setting Depth 484' 4762' Acid, (Amount and 500 Ga	production, et Type of Cement 60/40 60/40 HIC & CO	# Sacks Used 250 200 250 Cement Sq ial Used)	Additives  2% CC  2% gel 18  2%CC  peeze Record Depth	_
Surface Production top stage Shots Per Foot	Size Hole Drilled .12 1/4" .7 7/8"  PERFORATION Specify Footag 4385-439  \$ 4385-439	Size Casing Set (In 0.0.)  8 5/8"  5 1/2"  RECORD e of Each Interval  3	New 12 ( actor, surface, Weight Lba./ft. 24 15.5 Perforated	Setting Depth 484' 4762' Acid, (Amount and 500 Ga	production, et Type of Cement 60/40 60/40 HIC & CO Fracture, Shot, d Kind of Mater 1 MOD 202	# Sacks Used 250 200 250 Cement Sq ial Used)	Additives  2% CC  2% qe1 18  2%CC  peeze Record	_
Surface Production top stage Shots Per Foot 4	Size Hole Drilled .12 1/4" .7 7/8"  PERFORATION Specify Footag 4385-439	Size Casing Set (In 0.0.)  8 5/8"  5 1/2"  RECORD e of Each Interval  3	New XX ( actor, surface,  Weight Lba./ft.  24  15.5  Perforated  Commercial	Setting Depth 484' 4762' Acid, (Amount and 500 Ga	production, et Type of Cement 60/40 60/40 HIC & CO Fracture, Shot, d Kind of Mater 1 MOD 202	# Sacks Used 250 200 1250 Cement Sq ial Used)	Additives  2% CC  2% qe1 18  2%CC  peeze Record	_
Surface Production top stage Shots Per Foot 4 USING RECORD Lined	Size Hole Drilled  .12 1/4"  .7 7/8"  PERFORATION Specify Footag  4385-439  \$\frac{3}{4385-439}\$  \$\frac{3}{2} 7/8"	Size Casing Set (In 0.0.)  8 5/8"  5 1/2"  RECORD e of Each Interval  3  wabbed Non-0 3 squee	New 12 ( actor, surface, Weight Lba./ft. 24 15.5 Perforated	Setting Depth 484' 4762' Acid, (Amount and 500 Ga	production, et  Type of Cement  60/40  60/40  HIC & CO Fracture, Shot, d Kind of Mater  1 MOD 202	# Sacks Used 250 200 250 Cement Sq ial Used)	Additives  2% CC  2% qe1 18  2%CC  peeze Record	_
Surface  Production top stage  Shots Per Foot 4  UBING RECORD Lined  ate of First Produc	Size Hole   Drilled   .12 1/4"   .7 7/8"   PERFORATION Specify Footage   4385-439   Size 7/8"   Size	Size Casing Set (In 0.0.)  8 5/8"  5 1/2"  RECORD e of Each Interval  3  Wabbed Non-0 3 squee	New XX ( Actor, surface,  Weight Lbs./Ft.  24  15.5  Perforated  Commercial Exed  Pagkanon',  Mcf Wate	Setting Depth 484' 4762' Acid, (Amount an 500 Ga	production, et Type of Cement 60/40 60/40 HTG & CO Fracture, Shot, d Kind of Mater 1 MOD 202  60/40 pc	# Sacks Used 250 200 250 Coment Sq iat Used)	Additives  2% CC  2% qe1 18  2%CC  peeze Record	_

#### EMPHASIS OIL OPERATIONS.

P. O. BOX 506

RUSSELL, KS 67665

15-135-23400-0000

#### DRILLERS LOG

OPERATOR: Mid-Continent Resources, Inc.

P. O. Box 399

Garden City, Kansas 67846

CONTRACTOR: Emphasis Oil Operations

Box 506

Russell, KS 67665

WELL #1 LOCATION: C SW SE

Section 23-19S-22W Ness County, Kansas

LOGGERS TOTAL DEPTH: 4956

Gillig

ROTARY TOTAL DEPTH: 4956'

COMMENCED: 1/26/90

LEASE:

CASING: 8-5/8" @ 484' w/250 sks cement

5-1/2" @ 4762' w/200 sks cement

ELEVATION: 2247'

COMPLETED: 2/6/90

STATUS: Disposal Well

#### DEPTHS & FORMATIONS

(All measurements from K.B.)

Post Rock & Shale	٠		315'	Lime & shale	•		2295'
Sand			427'	Lime			4053
Red Bed			456'	Mississippi	4	•	4370'
Cedar Hills			928'	Lime			4572
Red Bed			1139'	R.T.D.	• .		4956
Anhydrite	*		1490'	· · · · · · · · · · · · · · · · · · ·	•		

STATE OF KANSAS )

88

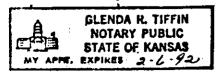
COUNTY OF RUSSELL)

Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

Kyle B. Branum

Substribed and sworn to before me on February 8, 1990.

My commission expires: February 6, 1992.



Glenda R. Tiffin, Notary Pytolic

## TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

## ORIGINAL

Well Name & No. GILL	.IG #1	Test No.	1	Date _	2/1/90	<u> </u>
Company MID-CONTI	NENT RESOURCES	INC	zon	ie Tested .	CHEROKE	#1 SAND
Address P.O. BOX 3						
Co. Rep./Geo. MR SCOTT						
Location: Sec. 23						
		,				•
Interval Tested	•	•	Pipe Size	4.	5" XH .	·
Anchor Length	19		Choke — 1"			
Top Packer Depth			om Choke — ¾"		•	
Bottom Packer Depth	4281	•	Size — 7 <sup>7</sup> / <sub>8</sub> "			n 4, * '
Total Depth	4300	•	per Size — 61/4" .			
Wt. Pipe I.D. — 2.7			un	<u>o '</u>		5-1
Drill Collar — 2.25		,	un			
Mud Wt.	9.2					9.6
Tool Open @ 4:23 PM						
· .	•			þ	· · · · · · · · · · · · · · · · · · ·	
Final Blow NO BLOW-		URGE-NO HELF	<b>3</b>		· · ·	, .
	, , ,	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		
Recovery — Total Feet	2	•	. •	Flush To	ool? 2nd (	OPENING
Rec2			•	<del>/</del>		
Rec			21	•		
Rec.	Feet of		•	<u> </u>		
	Feet of				•	<del></del>
	Feet of					,
BHT0F	Gravity	OAPI@O	°F	Corrected	1 CLAVICY	<u>○</u> •AP
RW@	°F Chlorides	<u> </u>	ppm Recovery		5000	ppm System
(A) Initial Hydrostatic Mud	2210.1	PSI AK1 Recor		13851	Range	4425
(B) First Initial Flow Pressure	e23.1	PSI @(dep	oth)428		w/Clock No	31154
(C) First Final Flow Pressure	23.1 NEU	PSI AK1 Recor	170	350	Range	4325
(D) Initial Shut-In Pressure	34.5	<u>√</u> PSij∏ @≀dep	tn)	4297	w/Clock No	27585
(E) Second Initial Flow Press	sure23.1 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	PSI Initial Ope	ning	30		
(F) Second Final Flow Pressu	ure 23.1	ATIC PSI INITIAL Shut	t-in	30		
(G) Final Shut-in Pressure	56.2 Wich	Hansas PSI Final Flow		10		
(H) Final Hydrostatic Mud	2145.8	PSi Final Shut-		30	¥	i
			•			
Our RepresentativeF	ROGER SELLS/FRE	D GOFF	то	TAL PRICE .		400
• • •		. —				Printcraft Printers - Hays, KS

# TRILOBITE TESTING COMPANY P.O. BOX 362 • Hays, Kansas 67601 ORIGINAL

Well Name & No. GILLIG #1 Test (	No. 2 Date 2/2/90
company MID-CONTINENT RESOURCES INC	Zone Tested MISSISSIPPI
Address P.O. BOX 399 GARDEN CITY KS 67846	Elevation2295
cò. Rep./Geo. MR SCOTT CORSAIR Cont EMPHA	ASIS RIG #5 Est. Ft. of Pay 8
Co. Rep./Geo. MR SCUTT CURSATA CONC. 12.11.11.11.11.11.11.11.11.11.11.11.11.1	22W Co. NESS State KANSAS
Location: Sec. 1Wp 1Wp 1Wp	
Interval Tested 4353-4370 D	orill Pipe Size4.5" XH
, , ,	op Choke — 1"
Arichor Length	optiom Choke — ¾"
10p Packer Deptil	iole Size - 77/8"
BOLLOIII PACKEI DEPUI	tubber Size — 61/4"
Total Deptil	t. Run: O
Wt. Pipe I.D. — 2.7	t.Run299.71
Drill Collar — 2.25 F	liscosity 50 Filtrate 10.8
Mud Wt	BLOW INCREASING TO WEAK 1 1/4"
Tool Open @ 11:52 AM Initial Blow WEAK 1/4"	
BLOW WEAK SUBFACE BLOW	
Final Blow VERY WEAK SURFACE BLOW	
Final Blow	Flush Tool? NO
Recovery Total Feet	, , , , , , , , , , , , , , , , , , , ,
Rec. 2 Feet of MUD	
Rec. O Feet of	
Rec:	
Rec. 0 Feet of	
Rec. O Feet of	O 95 Corrected Gravity O
BHT 111 of Gravity oAPI@	
2294 1	ppm Recovery Clorides ppm 3930
(A) Inicial Hydrosobio mad	ecorder No. Range 3115
(b) First linear flow Fressor -	(depth) w/Clock No
	ecorder No Range 2758
(D) Initial Shut-In Pressure 34.5 PSI	(depth) w/Clock No
(E) Second Initial Flow Pressure 34.5 CECEIVED Initial	Opening 45
(F) Second Final Flow Pressure 347530RPORATIO	Shut-in
34.5.1/Y 29 PSI Final I	Flow10
(H) Final Hydrostatic Mud 2245.6 PSI/VI Final:	Shut-In
Michigan	· · · · · · · · · · · · · · · · · · ·
Our Representative MR CARL GOFF	TOTAL PRICE \$
,	Printcraft Printers - Hays

### TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

# ORIGINAL

Well Name & No. GILLIG #1	Test No	3Date2/3/90	
company MID-CONTINENT RESOL	· · · · · · · · · · · · · · · · · · ·		
Address P.O. BOX 399 GARDEN		,	
Co.Rep./Geo.MR SCOTT CORSAIR	•	V1 /	·
Location: Sec. 23 Twp.			NSAS
Interval Tested 4350-4386	Drill Pipe Size	4.5" XH	
Anchor Length 35	Top Choke — 1	· · · · · · · · · · · · · · · · · · ·	4
Top Packer Depth 4345		- 3/4"	· · · · · · · · · · · · · · · · · · ·
Bottom Packer Depth 4350	Hole Size — 77/	8	
Total Depth4386	Rubber Size —	6¾"	
Wt. Pipe I.D. — 2.7	Ft. Run	Ö	
Drill Collar — 2.25	Ft. Run	299.71	
Mud Wt9.2	Ib./gal. Viscosity	47 Flitrate 1	3.6
Tool Open @ 4:45 AM Initial Bio	w MISRUN-PACKER FAIL	URE	
Final Blow		,	, ,
Recovery — Total Feet 510		Flush Tool?	
Rec. 510 Feet of DRIL	LING MUD		,
Rec. Peet of			
Rec. O Feet of			
		· · · · · · · · · · · · · · · · · · ·	
		1 ·	· · · · · · · · · · · · · · · · · · ·
^	•	Sorrected Crowley 0	
•	^ΔΡΙ <i>@</i> Ο	CONSCISE GROUP	^API
	lorides ppm Reco	very, cioridesp	pm System 4425
A) Inicial Hydrostatic Mud	PSI AK1 Recorder No		31154
B) First initial Flow Pressure	PSI @(depth)	12950	4325
riist riidi riow riessure	PSI AK1 Recorder No	4382 (included No.	27585
(D) Initial Shut-In PressureO	PSI @ (depth)	w/Clock No.	
E) Second Initial Flow Pressure	PSI Initial Opening		
F) Second Final Flow Pressure	PSI Initial Opening	0	·
G) Final Shut-In Pressure	PSI Final Flow		
H) Final Hydrostatic MudO	_ TUULL	O	
	1990 Final Shut-in	· · · · · · · · · · · · · · · · · · ·	
Our Representative MR CARL F <sub>C</sub> Ģ	<b>\ \</b>	2	

# TRILOBITE TESTING COMPAND KIGINAL P.O. BOX 362 • Hays, Kansas 67601 TEST TICKET Nº 2

2809

A 11	1 /m /n.
Well Name & No. At 1/13 H	Date
company Mid Confirmat Arsources Inc. zone	Tested MISS
Address PO. Box 399 Granden City, Ks. 67844 Elevat	tion
Co. Rep. / Geo. Scatt Consain cont. Emphasis Rig 75	Est. Ft. of Pay
Location: Sec. 23 Twp. 195 Rge. 22 W Co. 1	Vest State Ks.
No. of Copies 2 - Vero Distribution Sheet Yes No Turnkey	Yes No
Interval Tested 4374 - 4386 Drill Pipe Size 41/3	XH
Anchor Length Top Choke — 1"	Bottom Choke — ¾"
	Rubber Size — 6 <sup>3/</sup> 4"
Bottom Packer Depth <u> 少くク</u> ソ Wt. Plpe I.D. — 2.7 Ft. Ru	ın
Total Donth 42 8/	n_299.71
Mud Wt	Filtrate 10 9
Tool Open @ 10:16 AM. Initial Blow Yery Wealt surface blow	increasing to
% " blow	
Final Blow Yery Weak eurface don - Flushad Tool No	Help
Recovery — Total Feet Flush 1	Tool? 2nd open
Rec. Feet of Poly Musl	
Rec Feet of	
BHT OF Gravity OAPI@ OF Corre	ected GravityOAP
RW	lorides 8,000 ppm System
(A) Initial Hydrostatic Mud	
•	€ W/Clock No. 3/154
(C) First Final Flow Pressure 44 PSI AK1 Recorder No. 1385	70 Range 43237
	<u> 3</u> w/Clock No. <u>ころよろく</u>
(E) Second Initial Flow Pressure PSI AK1 Recorder No	Range
(F) Second Final Flow PressurePSI @(depth)	w/Clock No
(G) Final Shut-in Pressure 168 psi initial Opening 30	Test
(H) Final Hydrostatic Mud 2202 PSI Initial Shut-in 30	Jars
Final Flow	Safety Joint
DINISSION Final Shut-in 30	Straddle
ATE CENTUANT	Circ. Sub 🔏
Approved By Jath (Assails	Sampler
and the same of th	Extra Packer
Our Representative NSERUS IN DIVAS	Other
Wicher	

### TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

well Name & No. GIL	LIG #1	Tes	t No	5 Date	2/3/90	)
Company MID-CONT	INENT RESOURCE	S INC'		_ Zone Tested _	MISSISSI	ibbi .
Address P.O. BOX	•				•	· · · · · · · · · · · · · · · · · · ·
Co. Rep./Geo. MR SCOT	T CORSAIR	ContEMPH	ASIS RIG	#5 Est. F1	t. of Pay 5	
Location: Sec. 23	1					<del>-</del>
· · · · · · · · · · · · · · · · · · ·						·
Interval Tested	1375-4395		Drill Pipe Size	4.5	5" XH	<del></del>
Anchor Length	20	· · · · · ·	Top Choke — 1	···		
Top Packer Depth	4370	· · · · · · · · · · · · · · · · · · ·	Bottom Choke	-¼"	*	
Bottom Packer Depth	4375		Hole Size — 7º/	a"		
Total Depth	4395	<u> </u>	Rubber Size — (	6¾"		
Wt. Pipe I.D. — 2.7		· · · · · · · · · · · · · · · · · · ·	Ft.Run	<u>o</u> .		
Drill Collar — 2.25	•			299.7		
Mud Wt.	). <u>2</u>	lb./gal.	Viscosity	46 🎎	Filtrate	17.4
Tool Open @ <u>9:58 PM</u>				•		•
BLOW		·	· · · · · · · · · · · · · · · · · · ·	: ` <u> </u>		
Final Blow <u>WEAK SUF</u>	RFACE BLOW INC	REASING TO	A 2" BLO	<u>W</u>		
	200				LIM.	. ,
Recovery — Total Feet		יי איני איני איני איני איני איני איני א		Flush Too	NO	· ·
,	Feet of GAS IN I		HUN EVATI	ACTICE MANAGERS		•
	Feet of SLIGHTLY	L OIF FOLI	100-24015	<u>/ 95%HOU</u>		7
	Feet of	····				•
	Feet of					
4.4.75	Feet of	· · · · · · · · · · · · · · · · · · ·	) "			<del></del>
		API @		F Corrected (	•	одр
RW@	* or or a record	S		rely clottues	8000	ppm System
A) Initial Hydrostatic Mud _	4		ecorder No	13851 4378	Range	4425
B) First Initial Flow Pressure	,			W	//Clock No	361154
C) First Final Flow Pressure		PSI AK1 Re	ecorder No	13850	Range	4325
D) initial Shut-in Pressure	12253		depth)		//Clock_No	27585
E) Second Initial Flow Press	ure <u>69.4 % (5)</u> re <u>81.62038</u>	PSI 15510.4	Opening	30 %	<u> </u>	
F) Second Final Flow Pressu	re <u>disacc</u>	PSI Final F	Shut-in	30		<u> </u>
G) Final Shut-In Pressure _	1225.34 6	PSI Final FI	low	30		· · · · · · · · · · · · · · · · · · ·
H) Final Hydrostatic Mud _	CONSCI	TICE PSI SI FINAL SI	nut-In	45	<u>.                                    </u>	<u> </u>
М	Wich R CARL F GOFF	ittie.		•	•	e doo
ur Representative	2		· · · · · · · · · · · · · · · · · · ·	TOTAL PRICE		400

TO SUBJECT TO SERVICE THE TOTAL

#### HALLBURTON SERVICES

FORM 1906 R-11	· File West	Ø A Division of H	effibution Company		FRIDIN	ا زیا
WELL NO FARM OR LEASE N		COUNTY	STATE	CITY / OFFSHORE I		5-90
CHARGE TO			OWNER		TICKET TYPE (CHECK ONE) SERVICE SALES	NETROCEN JOB
ADDRESS	Next Resources		CONTRACTOR	Dile.	1 LOCATION	CODE
CITY, STATE, ZIP			SHIPPED VIA	REIGHT CHARGES	2 LOCATION	COOE 5035
WELL TYPE	WELL CATEGORY	WELL PERMIT NO.	DELIVERED TO		3 LOCATION	CODE
TYPE AND PURPOSE OF JOB	-01	B. Galar B.	ORBER NO.	Ks	REFERRAL LOCATION	<u> </u>
135		B-8-18030				

Hallburton werrants only title to the products, supplies and metrited and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTES, EXPRESS OR IMPLED, OF MERCHANTABILITY, Hallburton's working and customer's exclusive remedy in any cause of action (whether in contract, tort, product isability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly find the product isability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in septement of such products, supplies or materials in the product isability breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in the product isability breach of such products, supplies or otherwise warranty or otherwise) arising out of the sale or use of any products, supplies or materials in the product isability breach of such products, supplies or otherwise and the product isability breach of such products.

	ial dumages.				- : UNITS	1	. UNITS:	,	T	- 4	
PRICE REFERENCE	SECONDARY REF OR PART NO.	0 0	ACCOUNT	DESCRIPTION -	ату -	MEAS	<b>ΩΤΥ</b>	MEAS	UNIT PRICE	AMOUN	т
00-117		1		MILEAGE 3580	. 15	μ,			220	23	00
01-016	-1	1	,	Puma Charce	4714	st	,		-	1133	00
1	807,930,22	1		S-1 Contralizers	1	21	51/2	12	4100	264	00
0	855,137	1		Formation Packer Sloe	1.1	100	51/2	/ <u>\d.</u>		2400	00
2	855,02913	1		Fill up Unit	1	a	水	<u>LÀ</u>		-45	
3D	800.8883		•	Coment Postet	1	PCL	51/2	12		90	00
î de la companya de		1				3			- '		23
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HALLIBURTON OPERATOR

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

CUSTOMER OR HIS AGENT (PLEASE PRINT)

HALLIBURTON APPROVAL

CONSTRUCTION OF THE

HALLIBURTON SERVICES WELL NO LEASE GILLIS TICKET NO 908223 JOB LOG CUSTOMER Mid Continent Resources PAGE NO.

JOB TYPE Ce ment Longstring DATE 2-6-90 DESCRIPTION OF OPERATION AND MATERIALS ON location @ Requested fine 1700 Rig laying clowed D.P. Ris fin laying chown D. P. Sty Horacque Start 51/2" Caging in hole - PKR Shoe ON 1925 bottom latch down ballet in 1st lollor Tend. on collars 4.9. 13, 16,80,85 Comout Basket ON St. #81 Finish rumming casing. Drob fill up unit ball . 8 3/3 of bottom Hook up & Pig start cir esna 1155 Stop. Cik. Drop ball for Packer Shae. 2205 Rig cont. to cir untill ball spated. Fin cir - Hook to Hours - equip-2220 Set Pocker Store with sail flush محدود 350 Cont. Sall Hosh. 400 Fin soll flish 2227 Start mixing 200 sts 60/10 Por, 2% gal 18% salt, 1/2% CFR-3 1/4#/sk Hocele 100 Fin mixing cont 16 2240 Work out pumpt lines. Release Latel down Plug. Jart displ 7 12:13 1000 Slow rate last 1881 1000 Plus down - hold 4 1259 o Release pri - Held 1302 Plug RH. they the with 3 BBI and. 2307 Job Complete 2330 D. LOWALAN B. Consoulde 89543 R. Bevens 572.76 11:50= 000 Trichit CUSTOMER

# FORM 1908 R-7 A Division of Hallburton Company

## WORK ORDER CONTRACT AND PRE-TREATMENT DATA

INVOICE & TICKET NO. 908223

DISTRICT HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE 1105 THE SAME AS AN INDEPENDENT CONTRACTOR TO: AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS OR THE PURPOSE OF SERVICING WELL NO SEC OWNED BY SHAP FIELD THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT. 19 No. 18 No. 1 .. . FORMATION NAME NEW USED MAX. ALLOW, P.S.I. ~ WEIGHT SIZE FROM TO FORMATION THICKNESS CASING FROM LINER PACKER: TYPE SET AT TUBING TOTAL DEPTH MUD WEIGHT OPEN HOLE SHOTS/FT. BORE HOLE **PERFORATIONS** INITIAL PROD OII BPD, H<sub>2</sub>O PERFORATIONS PRESENT PROD-BPD. H<sub>2</sub>O PERFORATIONS PREVIOUS TREATMENT: MATERIAL S TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED Carivo CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED As consideration, the above-named Customer agrees. 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 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. 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 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" 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 eighing of any chart interpretation, research analysis, job recommendation or other data turniste 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 little to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND 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 in 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 equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the losser 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 That this contract shall be governed by the law of the state where services are performed of 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 duty authorized executive officer of Halliburton.

\* I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT g) CONSERVATION DIVIDIE AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. Month's Kingas Michael March CUSTOMER

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

JOB

HALLIBURTON Wick. E

SUMMARY

HALLIBURTON NOS CK

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FOR INVOICE AND TICKET NO.

# TICKET CONTINUATION

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HALLIBURTON SERVICES

908559-3

## HALLIBURTON SERVICES A Division of Hallburion Company

# WORK ORDER CONTRACT AND PRE-TREATMENT DATA

INVOICE & TICKET NO. 908 557

TO: HALLIBURTON SERVICES YOU ARE HEREBY R THE SAME AS AN INDEPENDENT CONTRACTOR TO:	REQUESTED TO FURNISH		7	DATE	1-14-9	n 15.
and the second s	REQUESTED TO FURNISH	FO1 (101-101-10-10-10-10-10-10-10-10-10-10-10				
THE SAME AS AN INDEPENDENT CONTRACTOR TO		COULLMENT V	ND SERV	ICEMEN TO	DELIVER	AND OPERA
	MED Contin	min +	Rosm			
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS	FOR THE PURPOSE OF SERV	/ICING (CUSTOM	ER)			<del></del>
#1	**************************************					•
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and the first of the control of the	PERFORATIONS	·		<u> </u>		1 .
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			4/50	<del>-</del>		<del></del>
USTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER COMPLETE						
JSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION As consideration, the above-named Customer agrees:  THIS CONTRACT MUST BE	E SIGNED BEFORE WORK IS COMM	CTS, SUPPLIES	, MATERIA	LS, AND SE	RVICES	
<ul> <li>To pay Halliburton in accord with the rates and terms stated in Halliburton's current programment of Customer's account by the feat and terms stated in Halliburton's current programment.</li> </ul>	nice list. Invoices are navable NET i	ner tha 20th of the	<b>4-</b> 0			
payment of Customer's account by the last day of the month following the month in which but never to exceed 18% per annum, In the event it becomes necessary to employ atto of 20% of the amount of the unpaid account.	th the invoice is dated, Customer agreements to enforce collection of said a	ees to pay interest	thereon after	offault at the	of invoice. Upon ( highest lawful co:	Customer's defai ntract rate applic
			and the pay	OIL CONCCUON! (	JUSIS AND ARROMA	V 1964 in the am
<ul> <li>To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, pa any claims, liability, expenses, attorneys fees, and costs of defense to the extent permittee.</li> <li>Damens to procept a great truly in the content of the content</li></ul>	arent and amiliated companies and the dby law for:	ne officers, director	s, employees,	agents and se	rvants of all of th	nem from and ag
<ol> <li>Damage to property owned by, in the possession of, or leased by Customer, and "well owner" shall include working and royalty interest owners.</li> </ol>	d/or the well owner (if different from	n Customer), includi	ng, but not lis	mited to, surfac	e and subsurfac	e damage. The
<ol><li>Reservoir, formation, or well loss or damage, subsurface trespass or any action in the</li></ol>	ne nature thereof					•
from pollution, subsurface pressure, losing control of the well and/or a well blown it	to the reservoir, formation or well), or	r any damages wha	itsoever, grow	ring out of or in	any way connec	cted with or mas
realizations of Customer provided for nealizations of Customer provided for	in this Section h) and Section of the	low shall seek. to				
not apply where the claims or liability are action, or maineting thereor, or from a failure	to warn any person of such defec-	ct in the data, proc t. Such defense, inc	ducts, supplied	s, materials, or	equipment of H	d to by Halliburt alliburton whether
supplies or materials not the materials and the necessity of relying o	on facts and supporting services furnity chart interpretation, research analysis	nished by others, Ha	sfliburton is ur	able to guaran	tee the effectiven	ness of the produ
any damages arising from the use of such information.	preting it, but Customer agrees that	Halliburton shall n	ot be liable to	and Custome	r shall indemnit	Hassiburton perso v Halliburton noo
OF MERCHANTARI ITY FITHERS OR CONTINUES, supplies and materials and that the	e same are free from defects in un	vekmonobin and				
OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of or materials on their return to Halliburton or, at Halliburton's option, to the allowance to puttive or consequential damages.	the sale or use of any products, su	CEDING SENTENO polies or materials	CE. Halliburto is expressly li	n's liability and	Customer's exclu	usive remedy in
				LINGHIOUS IONS IDE	HAURE FOR SORCEAL	I Incidental indi-
shall pay Halliburton its replacement cost unless such loss is due to the sole negligence	nt, tools or instruments which are lost e of Halliburton, if Halliburton equip-	t in the well and if s	such equipmer	nt, tools or instr	uments are not r	recovered, Custor
shall, in addition to the forescine be fully asserted these such damage is caused	by the sole negligence of Halliburte Halliburton's equipment tools or in-	on. In the case of a	uments are di equipment, to	amaged in the ols or instrume	well, Customer a rits for marine of	shall pay Hallibur perations, Custor
To water the provisions of the December of Ha	alliburton.		OCIO EL ELIY	mie aner denv	ery to Customer	at the landing u
That this contract shall be governed by the law of the state where services are performed.	extent permitted by law.					
That this contract shall be governed by the law of the state where services are performed.  That Halliburton shall not be bound by any changes or modifications in this contract, except	of materials are turnished.  If where such change or modification	is made in writing to	م بالساسيون			
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•	TLIAT LAA	MUTHORIZED TO	SIGN THE'S	AME AS CUSTO	DHEPRESENT DMER'S AGENT.	
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CONSERVATION DATEM.	SIGNED	J	1 2		#	
CONSERVATION DIVIDITION WICHIR REPORTS  CONTRIBUTION OF THE CONTRI	SIGNED	14/50	1 2	1	#	

HALLIBURTON LOCATION WELL DATA RNG FORMATION NAME WEIGHT MAXIMUM PSI 5176 FORMATION THICKNESS CASING LINER PRESENT PROD: OIL TURING SPD. WATER OPEN HOLE COMPLETION DATE SHOTS/FT. MUD WT. PERFORATIONS PERFORATIONS BOTTOM HOLE TEMP PRESSURE PERFORATIONS JOB DATA TOOLS AND ACCESSORIES ON LOCATION JOB STARTED TYPE AND SIZE DATE 7 - 14 - 1/23 -. MAKE DATE 0-14-10 FLOAT COLLAR TIME 7 4.00 TIME/L'OO FLOAT SHOE PERSONNEL AND SERVICE UNITS GUIDE SHOE UNIT NO. & TYPE LOCATION : CENTRALIZERS 3412 BOTTOM PLUG TOP PLUG HEAD PACKER .... OTHER MATERIALS TREAT, FLUID JOB DONE THRU: TUBING ANNULUS 🔲 HALLIBURTON OPERATOR CEMENT DATA COPIES REQUESTED NUMBER OF SACKS BULK SACKED CEMENT BRAND YIELD CU.FT./SK ADDITIVES MIXED LBS:/GAL 1. Hirele 200 HLC Kernis PRESSURES IN PSI SUMMARY VOLUMES BREAKDOWN AVERAGE. FRACTURE GRADIENT STATE COL CEMENT SLURRY BBL GAL TOTAL VOLUME: BBL,-GAI ORDERED REMARKS AVAILABLE AVERAGE RATES IN BPM CEMENT LEFT IN PIPE Wield Child

JOB

# STON SERVICES

# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND TICKET NO.

DATE	٠, ۲	VSTOME	R ORO	ER N	IO.		WELL NO. AND FARI	M.	<u> </u>	]cc	UNTY	from Sw	· - :		ST	ATE	i ·
2-14-90 CHARGE TO	<u>.</u>	· .	•			· · ·	Gillin		• 1		Ne 81	, , , , , , , , , , , , , , , , , , ,	<u>.</u>	•		Ke	• ′
· Art.	_			_	<u>خ</u> ق		OWNER		•	CONTRA	стоя-	<b>公事</b> 。		No.	BB.	792	
MAILING ADDRESS	ekt	Res	)III.				DELIVERED FROM		<del></del>	LOCATIO	N COD	E TIPRE	PARED B	. '	00		
		· ,		<u> </u>			Gt. Bend,	Ks.			0320			Shee	tm		*. -
TTY & STATE	. A.	, e	aa. *	<u>.</u> بنه:	ż	di Selfee	DELIVERED TO			TRUCK			IVED 8	<u> </u>	¥3	- 7	-
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TICKET No. 908213-9

11451	A Division of	Halliburton Company				
FORM 1906 R-11 2490 Cust Ben AF	ેં <u> </u>	-				
WELL NO FARM OR LEASE NAME	COUNTY	STATE	CITY / OFFSHORE	LOCATION	DATE	
1 Gillia	Noss	Ks.			1-17-	90
CHARGE TO		OWNER		TICKET TYPE (CHECK OF	IE) NI	TROGEN JOB
Mid Continent Resour	rces	SAMP		SERVICE SAL	ES YES	No L
ADDRESS		CONTRACTOR	_	LOCATION	COD	Ε
P.D. Box 399	·	Emphasis 1	Pis 5	Noscat	. Ps. 50	353
CITY, STATE, ZIP		SHIPPED VIA F	REIGHT CHARGES	LOCATION	COD	ē
Garden City, Ht. 678	"16	3580	PPD COLLECT	LHAUS. K	5 50	1325
WELL TYPE WELL CATEGORY	WELL PERMIT NO.	DELIVERED TO	)	LOCATION	COD	č
01 01		5/BAZINE	Ks.	3		
TYPE AND PURPOSE OF JOB	B	ORDER NO.		REFERRAL LOCATION		
010	2 B- 84/8/05					
As consideration, the above-named Customer agrees to pay H, of invoice. Upon Customer's default in payment of Customer's accu- lawful contract rate applicable, but never to exceed 18% per annum fees in the amount of 20% of the amount of the unpaid account. The	ount by the last day of the month following. In the event it becomes necessary to e	ing the month in which the invol-	ce is dated, Customer agre lection of said account. Co	ses to pay interest thereor	after default at the	s bigbaet
Halliburton warrants only title to the products, supplies and ma FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH E of action (whether in contract, tort, product liability, breach of wa	tarials and that the same are free from di XTEND REYOND THOSE STATED IN TH	efects in workmanship and mater	ials, THERE ARE NO WAR	RANTIES, EXPRESS OR IM	PLIED, OF MERCHA	

PRICE	SECONDARY REF OR PART NO.	r 0	ACCOUNT	/ DI	ESCRIPTIO	N -	UNITS		UNITS		UNIT PRICE	AMOUN	VT
<del></del>	OR PART NO.	C.	ACCOUNT	MILEAGE			QTY	MEAS	QTY	MEAS	<del>  </del>		Τ-
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	ERSONNEL SATISFACTORY?		··		//)			٠.			H	2244	2



# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND					
TICKET NO.	11:	٠.٠	-;	1	erg

A Division of Hallibu	rton Company					•					
DATE	CUSTOMER ORDE	NO.		WELL NO. AND FARM		coui	YTY			STATE	<del>,,</del>
1-27-90				#1 Gillig		1	ess			Kans	ឧទ
CHARGE TO				OWNER	ſ	CONTRAC			No R	8481	05
Mid Cont	inent Reso	urc	<u>es</u>	Same:		Emph	nsis	Drlg.		0401	.00
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CITY & STATE		<del></del>		DELIVERED TO	1	HUCK NO		RECEIVED BY		_	
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## WORK ORDER CONTRACT

AND PRE-TREATMENT DATA ATTACH TO FORM 1908 R-7 A Division of Halliburian Company YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE HALLIBURTON SERVICES Kesources THE SAME AS AN INDEPENDENT CONTRACTOR TO: (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING TWP 195 WELL NO SAMP OWNED BY FIELD THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT MAX, ALLOW. P.S.I. NEW SIZE WEIGHT FROM FORMATION NAME 48 20 FORMATION CASING THICKNESS FROM LINER PACKER: TYPE TUBING TOTAL DEPTH MUD WEIGHT OPEN HOLE SHOTS/FT BORE HOLE PERFORATIONS BPD, GAS INITIAL PROD: BPD H2O PERFORATIONS PRESENT PROD: BPD, GAS PERFORATIONS PREVIOUS TREATMENT: TYPE MATERIALS DATE TREATMENT INSTRUCTIONS: TREAT THRU TUBING 🛘 ANNULUS 🗘 CASING 🗗 TUBING/ANNULUS 🗘 HYDRAULIC HORSEPOWER ORDERED surface to COSING

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

SECTION . 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, Open 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 nover 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.
  - 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 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 obtigations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even it caused or contributed to by Halliburton's The defense, 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 indomnity 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 removity in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the safe or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials is expressly limited to the replacement of such products, supplies or materials is expressly limited to the replacement of such products, supplies or materials is expressly limited to the replacement of such products, supplies or materials is expressly limited to the replacement of such products, supplies or materials is expressly limited to the replacement of such products, supplies or materials is expressly limited to the replacement of such products, supplies or materials is expressly limited to the replacement of such products, supplies or materials is expressly limited to the replacement of such products, supplies or materials is expressly limited to the replacement of such products, supplies or materials is expressly limited to the replacement of such products, supplies or materials is expressly limited to the replacement of such products. 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 tesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- To waive the provisions of the Deceptive Trade Practices. Consumer Protection Act, to the extent permitted by law.
- g)
- That this contract shall be governed by the law of the state where services are performed or materials are furnished.

  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 duty authorized executive officer of Halliburton. h)

CONSERVATION DIVISION Wighita, Kansas

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

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 SUMMARY RNG 22W MAXIMUM PSI ALLOWABLE WEIGHT FROM то 481 LINER BPD. WATER SHOTS/FT OPEN HOLE PERFORATIONS PERFORATIONS PERFORATIONS JOB DATA TOOLS AND ACCESSORIES DATE 1-27 DATE 1-27 DATE 1-27 DATE 127 TYPE AND SIZE MAKE TIME 0700 TIME 0250 FLOAT COLLAR TIME 0100 TIME /000 FLOAT SHOE PERSONNEL AND SERVICE UNITS UNIT NO. & TYPE GUIDE SHOE <u>3580</u> CENTRALIZERS BOTTOM PLUG Combo TOP PLUG HEAD PACKER OTHER MATERIALS ANNULUS [ PERFPAC BALLS TYPE HALLIBURTON OPERATOR\_\_\_ CEMENT DATA NUMBER OF SACKS BULK SACKED YIELD CU.FT/5K MIXED LBS/GAL ADDITIVES STAGE CEMENT BRAND PRESSURES IN PSI VOLUMES SUMMARY PRESLUSH: BBL.-GAL

TOTAL VOLUME: BBL.-GAL

See Job

REMARKS

SHUT-IN: INSTANT

- 5-MIN 112

HYDRAULIC HORSEPOWE

AVERAGE RATES IN BPM

EDIATION DIVISION

#### HALLIBURTON SERVICES **JOB LOG**

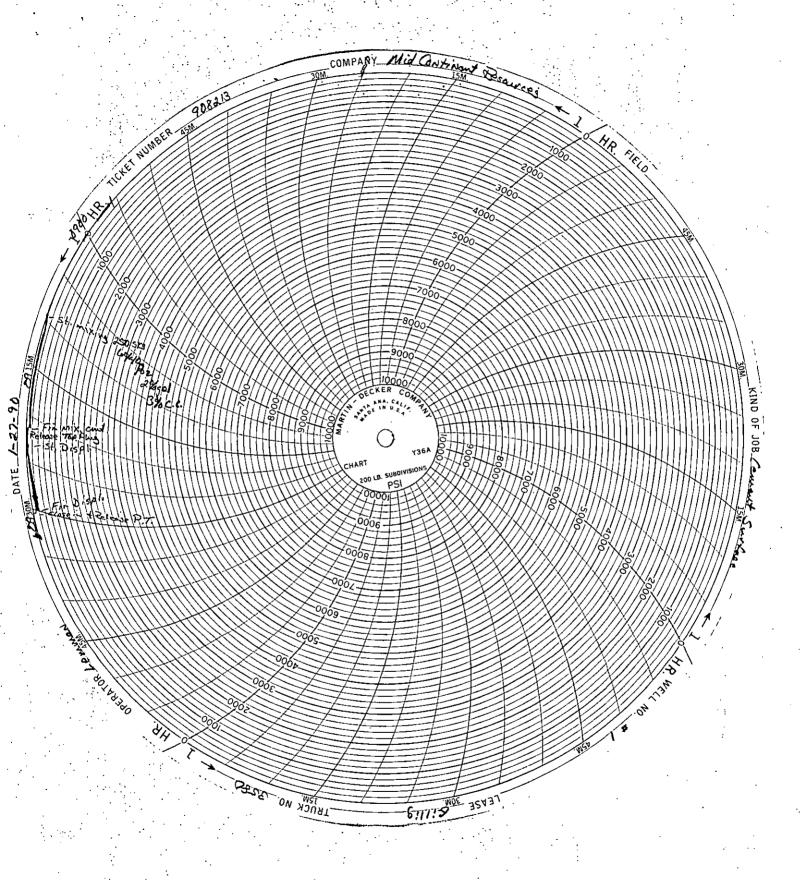
WELL NO. #1 LEASE GILLIS TICKET NO. 908213

CUSTOMER Mid Carutinion + Resources PAGE NO. 1

JOB TYPE CEMP At Surface DATE 1-27-90

FORM 2013 R-2

CHART	\	RATE	VOLUME	PUN	1PS	PRESSU	RE (PSI)								
NO.	TIME	(BPM)	(BBL) (GAL)	Т	С	· TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS							
								Called @ DICO Roady @ 0300							
	D 250							DN location - Rig broke down feir							
								Ris repair drive chain.							
	0345							Rig continue drk.							
								Set up Howco equip.							
	0350							Fin Drig Cir hole							
	0110							Rig trip out of hole and (make shor							
	0500	•						trip back in hole and cir hole.							
	0540							St. cir hole							
	0555							Pull D.P.							
	0650														
	0705							D.P. out of hole St. 856" cosing - cent 20 upon 12.							
	•							11 Joints of Cosing - welly Strap.							
	0845							Cang on bottom							
								Hook up to cie.							
	2850	-						Ris start ria. rang.							
	0905							Fin cir csng.							
		•	Ę.					Hook to Housen - requip.							
	0910	5		-			150	Start mixing 250 sks cut.							
								40/10 Pez, 2th sol, 3% c.c.							
	0922		60				175	Fin Mixing out.							
i i		-					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Release Jup Top Plug.							
	0923	41/2					110	Start displ. with frost tho							
ľ	2930		301/2					Fin displ 15 BBI cont cir to so							
- (	7,00		00.2				100	Wash up & Rack up							
	1000		-					Joh Complete							
			· ·		_			Job Complete  Thought  D. Lemman 71718							
				·				The D. LAMMAN 71718							
								R. Legleiter 80719							
		···					-	R. Berens 57220							
				<b>—</b> —-			<del> </del>	N. Beren 5/120							
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TICKET NO. 908564-8

A Division of Halliburton Company

	77.0 71.00	7.7	, , , , , , , , ,	· •	/ /	-,-									
WELL NO. — FARM OR I	EASE NAME				COUNTY	1055		STATE	K5	CITY / OF	FSHORE LO	CATION		DATE 2-17	-90
CHARGE TO C	stiret	Re	Sourc	المارية		3	OWNER	Co	e			RVICE	(CHECK ONE)	NITRO YES	GEN JOB
ADDRESS PO BO	y 399	<u> </u>	· · · · · · · · · · · · · · · · · · ·	···			CONTRA		Well	Seili		LOCATIO		CODE /5 5 05	153
CITY, STATE, ZIP	Ch. K.					•	SHIPPED	VIA	FREIG	HT CHAR		LOCATIO	N J	CODE	323
WELL TYPE	WELL CATEGO	RY		WELL	PERMIT NO	<b>)</b> .	DELIVER	ED TO	0.	<u></u> · <sub>-</sub>	r, 3	LOCATIO	<del>1</del>	CODE	57 <b>MS</b> .3
TYPE AND PURPOSE OF				В	- Ç <i>ij</i> j	8062	ORDER	10.	Ch. Infor	~		FERRAL LC	CATION		~1
of invoice. Upon C lawful contract rai fees in the amoun Halliburton wa EITNESS FOR A PAR	ion, the above-named Custor ustomer's default in paymen es applicable, but never to ex of 20% of the amount of the production of the production of the production of the production of the production their return to Haliburic title damages.	t of Cu ceed 14 runpai cts, su	istomer's accounting the second of the secon	int by the lin the electrons and the second and the	in accord with le last day of the vent it become and condition that the same	the rates and the month follo- es necessary to a shall be gover the are free from	wing the mon employ an at ned by the lav defects in wo	th in whice torney to v of the st rkmanship	h the invoice is enforce collection ate where service and materials.	dated, Cus in of said a ses are per THERE ARI	tomer egrees ecount, Custo formed or equ E NO WARRA!	to pay interement agrees opment or mail of the interest of the	est thereon aft to pay all colle sterials are fur ESS OR IMPLIE	er default at the his ction costs and atte nished, ED, OF MERCHANTA	ghest xney VBILITY,
PRICE REFERENCE	SECONDARY REF OR PART NO.	r 0 C	ACCOUNT		DE	SCRIPT	ION		UNITS	1 MEAS	UNI	TS 2 MEAS	UNIT PRICE	AMOU	NT
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AS PER A	TTACHED BULK	MA	1			ICKET N	0	 	J- 84	16.00	′ ~	<u> </u>	<u> </u>	A.C.SI	- C. C. C. C.
WAS JOB SATISFACTORILY									ACT OF 1938, A AND OR WITH	AS AMEND RESPECT	ED HAS BEEN TO SERVICES			787	20
" OPERATION OF EQUIP	MENT SATISFACTORY?				FORMISTED	A SILVERINIS C	1 1	محرث بي	3 A					2081	350
) 	IS AGENT, PLEASE PRI	INITY	,			<u></u>	HALLIE	URTON	OPERATOR					APPLICABLE TAX BE ADDED ON I	
7 OR H	IS AGENT (SIGNATURE	,,,,	•		HALLIBUR APPROVA		FIELD O	Ou.							



#### **BULK MATERIALS DELIVERY**

# AND TICKET CONTINUATION

FOR INVOICE AND

DATE	CUSTOMER ORDE	RNO	ο.	٠	WELL NO. AND FARM		cou	NTY			STATE	
2-17-90					Gillig #1			Ness	3		Kansa	8
Mid Cont		-		• •	Same .		CONTRAC	CTOR		No. B	8480	62
MAILING ADDRESS					DELIVERED FROM	• •	LOCATIO		PREPARED			
CITY & STATE	·				Hays, Ks		503	25	Kuhn	nv.		_
					S Bazine,	Ks	08				L. P.	
PRICE REFERENCE	SECONDARY REF. OR PART NO.	L	DE		DESCRIPTION	. •	UNITS		UNITS 2	UNIT	AMOUNT	
50h-309		1	D	Stonds	rd Cement		75	MEAS.	QTY. ME	5.45	AOB.	75
	1	1	1	1 -						6.25		
<u>507-885</u>	70.15556	2	15	Halad-	9 Blended		42	10		0.25	202	50
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,				SERVICE CHARGE	ON MATERIALS RETURNED	<b>)</b>		CU. F	EET			
			П	ocovaTiCA'	DIAIOIA							
500-207		-	2	CONCENTATION KS				CU. F	<b>.2</b> 5	.9	71	25
500-322		2	E	Mileage Charge 7	, 092 WEIGHT	LOA	DED MICES	TON	17.828	Min	45	00
No. B 84	8062					ÇA	RRY FORWAF	יאו סד מא	OICE SU	B-TOTAL	787	50
			_	FORM 1911 - R6 REV	. 8-65							



### WORK ORDER CONTRACT

ans 5101

FORM 1908 R-7	E-IREAIM	ENI DA	AIA 		FACH TO & TICKET N	<u>o. 1 (20)</u>	-6. /
DISTRICT	-			um (	DATE 💆	7.17-	90
TO: HALLIBURTON SERVICES YOU ARE HEREBY REC	QUESTED TO F	URNISH E	OUIPMENT A	ND SERVI	PEMEN TO	DELIVER A	ND OPERATE
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FO	OR THE PURPOS		CUSTON			<del></del>	
WELL NO. # / LEASE Gillia			23	TWP	19	RA	NGE )
FIELD COUNTY NEWS s	STATE /		OWNED	BY	مريسه والمعادية	· .	
THE FOLLOWING INFORMATION WA	S FURNISHE	D BY TH			IIS AGEN	T ===	
FORMATION NAMETYPE		NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW. P.S.I.
FORMATION THICKNESS FROM TO	CASING	Ů.	15%	51	64	411.4	
PACKER: TYPE K775 SET AT 4363	LINER						
TOTAL DEPTH 4/761/ MUD WEIGHT	TUBING	u.		2-3-	66	4300	
BORE HOLE	OPEN HOLI	Ξ	_				SHOTS/FT.
INITIAL PROD: OILBPD, H <sub>2</sub> OBPD, GASMCF	PERFORATI	ONS			4353	4.53	4
PRESENT PROD: OIL BPD, H2O BPD, GAS MCF	PERFORATI	ONS					
	PERFORATI	ONS					
PREVIOUS TREATMENT: DATE TYPE			بد MATERIALS	s			
TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASI	NG TUBING/A	NUNTRE F	HYDRAULIC	HORSEPOW	ER ORDER		
Square Parks of 50	<u> </u>	1000 6	4 22	/ 7		S 2 :	\$1,54%
Contributing fater	<del></del>		***		<del></del>		
CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION	N TO RECEIVE T	HE PRODU	 CTS, SUPPLIE	S, MATERIAI	LS, AND SE	RVICES	<del></del> .
As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE							
a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current prayment of Customer's account by the last day of the month following the month in whic but never to exceed 18% per annum. In the event it becomes necessary to employ alto of 20% of the amount of the unpaid account.	th the invoice is dated	L'Oustomer an	rone to nav interc	et thereen ulter	dofoult at the l	highoet lawful on	atract rate applicable
<li>To detend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, pa any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitter</li>	arent and affiliated co	impanies and t	the officers, direc	lors, employees,	agents and se	rvants of all of t	hem from and agains
<ol> <li>Damage to property owned by, in the possession of, or leased by Customer, and "well owner" shall include working and royalty interest owners.</li> </ol>	I/or the well owner (	if different fro	m Customer), incl	uding, but not ti	imited to, surfac	ce and subsurfa	ce damage. The terr
<ol><li>Reservoir, formation, or well loss or damage, subsurface trespass or any action in the</li></ol>							
<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>	to the reservoir, formation the use of radioact	ation or well), o ive material.	or any damages v	vhatsoever, grov	wing out of or in	any way conne	ecled with or resultin
The defense, indemnity, release and hold harmless obligations of Customer provided for negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or to the preparation, design, manufacture, distribution, or marketing thereof, or from a failure not apply where the claims or liability are caused by the gross negligence or willful must subsidiaries, parent and affiliated companies, and the officers, directors, employees agents	urnished by Halliburt to warn any persor sisconduct of Hallibur	on or any def n of such defe ton. The term	ect in the data, p	roducts, supplic	es, materials, or	equipment of t	talliburton whether i

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.

will be find be find the use of such information, and interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnity 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) to be supplied or materials on their return to Halliburton or, at Halliburton's opilion, but 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 are damaged in the well. Customer shall pay Halliburton its replacement cost unless such loss is due to; the liable process of Halliburton equipment, tools or instruments are damaged in the well. Customer shall pay Halliburton is replacement cost unless such loss is due to; the liable process of Halliburton equipment, tools or instruments are damaged in the well. Customer shall pay Halliburton is replacement cost unless such loss is due to; the lable process of Halliburton equipment, tools or instruments are damaged in the well. Customer shall pay Halliburton equipment, tools or instruments are damaged in the well.

shall by Halliburton its replacement cost unless such loss is due to the cost of repairs unless such admaged in the well and it such equipment, tools or instruments are not recovered. Customer shall by Halliburton its replacement cost unless such loss is due to the following 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.
- 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 duty authorized executive officer of Halliburton.

THAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO, SIGN THE SAME AS CUBTOMER'S AGENT. Jan 1964 - ( CUSTOMER AM PM 1126

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.

· · · · · · · · · · · · · · · · · · ·		A M M L	1	WELL DATA	<del></del>	<u>,                                    </u>		KET NO.	
	······································		SEC. SEC. TWP	, 19 RNG. J.	COUNTY_	Nes	; ————	STATE	lor.
AATION NAME		TYP	'E		JSED WEIGHT	SIZE	FROM	10	MAXIMUM PSI ALLOWABLE
ATION THICKNESS	·F	пом	то	CASING	<u>المالية</u>	27	64.	4764	
L PROD: OIL	BPD. WATER	BPO.	GA5						
ENT PROD: OIL	BPD. WATER	BPD.	GAS		<u> </u>	7.2	_C: iu	1.68	
PLETION DATE	MUD TYP	E	MUD WT	OPEN HOLE	_		1225.		SHOTS/FT,
ER TYPE	7/5	SET #	17 <i>-43-6</i> -	PERFORATION			11772	1/ / /	
OM HOLE TEMP.		_PRESSURE	(177)	PERFORATION PERFORATION					
DATA		TOTAL		JÓB DATA	<u> </u>				
	TOOLS AND ACC	ESSORIES	•	CALLED OUT	ON LOCA	TION	JOB STARTED	BOL	COMPLETED
TYPE A	ND SIZE	OTY.	MAKE	DATE 2-12	-90 DATE -	12 70	DATE 3 17	DATE	2-17-75
T COLLAR				TIME /D			TIME	_	1200
T SHOE							D SERVICE L	·	# F 1535 A
E SHOE .					NAME		UNIT NO. &		LOCATION
RALIZERS					Fuchs		5472	1/	<i>s</i> J
OM PLUG					1 caledon	÷.	Costs	1.	53 (179 1
PLUG					• 1		\$ 150	· · ·	/ · · · ·
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ER KT	73 (1		Hours	· · ·	· · · · · · · · · · · · · · · · · · ·		]		1 600
R			<u></u>	<u></u>					
	, MATERIA	ALS							
T. FLUID		DENSITY	L8/G#	AL-API					
FLUID		DENISTY	LB/G#	AL,-API					
TYPE	SIZE		LB	<del></del>			<del> </del>		
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ING AGENT TYPE	GAL-I		IN		·				
RED. AGENT TYPE.		LB							_
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			SAL,-LB	<del></del>	<b>1</b>	me	E. F	اً ماجد	•
KING AGENT TYPE.			2TY	CUSTOMER REPRESENTATIV	/E X	CCA	1 1	<u> </u>	
KING AGENT TYPE. PAC BALLS TYPE				HALLIBURTON	POI	PE		coc:==	
				OPERATOR		14000	the end	COPIES REQUESTED_	
PAC BALLS TYPE_			<i>(</i> -E	MILITI DATA	<i>\</i>				<u> </u>
PAC BALLS TYPE_R	1		<u> </u>					YIELD CU.FT/5K.	MIXED L85/GAL.
PAC BALLS TYPE_	CEMENT	BRAND	BULK SACKED		ADDITIVES				عدائي مسامر ا
R R NUMBER OF SACKS			BULK SACKED	· · · · · · · · · · · · · · · · · · ·	ADDITIVES			1.15	1 71 15
GE NUMBER OF SACKS	Student	BRAND	BULK SACKED	· · · · · · · · · · · · · · · · · · ·	ADDITIVES			1.18	13.45
R NUMBER OF SACKS		Post	BULK SACKED	· · · · · · · · · · · · · · · · · · ·	ADDITIVES			1.18	
GE NUMBER OF SACKS	Student	Post	BULK SACKED	· · · · · · · · · · · · · · · · · · ·	ADDITIVES			1.18	
GE NUMBER OF SACKS	Student	Post	BULK SACKED	· · · · · · · · · · · · · · · · · · ·	ADDITIVES			1.1%	
AC BALLS TYPE	Student	Rot Rot	BULK	· · · · · · · · · · · · · · · · · · ·	ADDITIVES	VOLU	MES	1.1%	
GE NUMBER OF SACKS	Should Sh	Rot Rot	BULK SACKED	17. H.C.O	<u>G</u>	VOLU	MES TYPE	1.1%	
GE NUMBER OF SACKS	Standard PRESSURES IN	PSI SPLACEMENT	BULK SACKED	SUMMARY	5AL	VOLU	TYPE	BBL-GAL.	
GE NUMBER OF SACKS	Standard PRESSURES IN	PSI SPLACEMENT	BULK SACKED	SUMMARY PRESLUSH: BBLC	GAL BL-GAL	- 7,	TYPE PAD:		
GE NUMBER OF SACKS  LATING  COOMN	PRESSURES IN  FRACT  FRACT  HYDRAUIC HOB	PSI SPLACEMENT AXIMUM JIRE GRADIENT	BULK SACKED	SUMMARY  PRESLUSH: BBLC  LOAD & BKON: BI	SAL BL-GAL GAL	VOLU	TYPE PAD:		
GE NUMBER OF SACKS  LATING  KDOWN  IN: INSTANT	PRESSURES IN  PRESSURES IN  FRACTU  S-MINI  HYDRAULIC HOR	PSI SPLACEMENT AXIMUM JIRE GRADIENT	BULK SACKED	SUMMARY  PRESLUSH: BBLC  LOAD & BKON: BBL.  TREATMENT: BBL.	GAL GAL BBU-GAL	7. 24,	PAD:		
GE NUMBER OF SACKS  CLATING COOM  CLATING CO	PRESSURES IN  PRESSURES IN  FRACTU  SMIN.  HYDRAULIC HOR  STATE  AVERAGE RATE:	PSI SPLACEMENT AXIMUM JIRE GRADIENT SEPOWER S IN BPM	BULK SACKED	SUMMARY  PRESLUSH: BBLC  LOAD & BKON: BI  TREATMENT: BBL.  CEMENT SLURRY	GAL GAL BBU-GAL	- 7,	PAD:		
GE NUMBER OF SACKS  LATING LOWN  IN: INSTANT	PRESSURES IN  PRESSURES IN  FRACTL  S-MIN.  HYDRAULIC HOR STATE  AVAILABLE AVERAGE RATE:	PSI SPLACEMENT AXIMUM URE GRADIENT SEPOWER	BULK SACKED	SUMMARY  PRESLUSH: BBLC  LOAD & BKON: BI  TREATMENT: BBL.  CEMENT SLURRY	GAL GAL BBU-GAL	7. 24,	PAD:		
R NUMBER OF SACKS	PRESSURES IN  PRESSURES IN  FRACTI  S-MIN.  HYDRAULIC HOR STATE  AVAILABLE  AVERAGE RATE  DISPL	PSI SPLACEMENT AXIMUM URE GRADIENT SEPOWER	BULK SACKED	SUMMARY  PRESLUSH: BBLC  LOAD & BKON: BI  TREATMENT: BBL.  CEMENT SLURRY	GAL GAL BBU-GAL	7. 24,	PAD:		

HALLIBURTON SERVICES						#1	LEASE_	G:11:4 TICKET NO. 708564
JOB LOG							Con	ting & Resources PAGE NO. #/
FORM 2013 R-2 JOB TYPE Squeeze Page DATE 2-17-90								
CHART NO.	TIMES	RATE (BPM)	VOLUME (BBL)	PUN	/PS ·			DESCRIPTION OF OPERATION AND MATERIALS
10	10:00	长海滨	(OAL)		- 100	LLA ZFE	W. A.	
	14:30	400	5-12	10 Mg	, Ş	1.	35. 75	
	15:45	SUPER!	1.1.2.2.24	10 YE	模	12.5∞		
न्यू पर्वे के बह	15:47		世帯を	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	**	2500		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	5'55	77.43	17	322	18:	美洲地方	多数法	
y nt.	16:02	41 mg		ψ.*.ξ.		一个一个	被护	Pull RITS to 4368# N set
<i>2</i> *	16 cg	8.4. S 44		· · · · · · · · · · · · · · · · · · ·	(A)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Lord amiled test to 700PSE
1 '	16:46	A Marie	**.p		* -	The Court of	中参与	Holding - shutin
-	16:11	Part Target	191 , 74	18 Th	5 ;	2760	4	Breakdown perps at I Took - stone keed
	16:27	<b>.</b> .3	6		1::		gr	Perpos proke Som - 36ma 1700PI
-	/6:30°				144.	1500	學的	Started mixing cont
	16387	<i>#</i> 5	16		**	٠٠٠٠٠٠٠	<b>4</b>	Done mixing out
	16:3 <u>/</u>	7.344	2 2 4		· · · · ·	200		Starto despo
/	16:40	ُنو الله	2 3		, g,			Cont on botton
	16:48	<u>%.2</u>	165	78.8	100	2500 "		- 26 1 601 out at 2500 PSI OF 6PM
	16:48	1000	A Salah		4.	2500	3.70	Shut down
and the same of th	16:55		3. 4	3 . 3	*,	250	:	Stoged as 2500PS
	16:56	<u> </u>	4	<del>                                     </del>	• "	. 436,4%	.t.,	Sheet in at well head of we shall p tole.
	/7`03			3, 1		2500	- ' 'V'	Pressued to 2500PSZ
-	MIC				<b>1</b> -	2500		the legitime of
* •	1710	F/42 = 1		1 · · · · · · · · · · · · · · · · · · ·	4	1 1 1 1 1 1 1		Released pressure & Dryedup
المحروب أو	17.12	· 2	18		3.5	Acids of		Unset Pocker of reversed and
	17:25	Section Section 1			**	2500		Repressued square to 2500PST
	<i>دد ۱۸</i>			沙學	· to :	2500	Section 1	Helding
<del>  </del>	17:40	- T	* <i>I</i>	6.5 <sub>00</sub>	7.7		7,677	Wooded down thru squeeze
	7:53	<u> </u>	25	**	3°		為沙安	Circulate Clean
	18:02		15:10	K.		ACCOUNT OF THE PARTY OF THE PAR	ر م د بر	Derecire.
W	8:05		1.3	3	1		<b>成成</b> 。	Pulled 10 junts & set packing
	18125	145 A				Deres !		Pressured to 200 PS2 on square
	18:27	e in the state of	9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		***	2.40	** ***.	Holding - shutim
	8:30	. A. 1		and in	1 p 1%	1384 (d) (d) (d) (d) (d)	S. Marker D.	Rocked up Trk
	19100	ATS.	Figure 3.	पुरुष्	<u>:34</u>			Job Completed
	*	43 PA		9-1	ÃÑ.		*** )	PO Jan
100	* **	12	**************************************	7 (3.3) -1001 T				State of the Parket Date of the State of the
4.1	•		CONSEUA Mich	- CAT	14151 386	Alle Transition	11 30 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T. Ech 2 - R/493
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