

TICKET

25%

No.

507983 - 3

HALLIBURTON  
ENERGY SERVICES

CHARGE TO:

J. M. Huber

ADDRESS

BEST IMAGE  
AVAILABLE

CITY, STATE, ZIP CODE

PAGE 1 OF 2

WELL/PROJECT NO.

LEASE

COUNTY/PARISH

STATE

CITY/OFFSHORE LOCATION

DATE

OWNER

25615

TICKET TYPE

NITROGEN

CONTRACTOR

RIG NAME/NO.

SHIPPED

DELIVERED TO

ORDER NO.

☐ SERVICE  
☐ SALESJOB? ☐ YES  
☐ NO

Patrick Well Serv. PO

PO

VIA

Well site

B1-00439

WELL TYPE

WELL CATEGORY

JOB PURPOSE

WELL PERMIT NO.

WELL LOCATION

open

06 Abandonment

Plug To Abandon

FERRAL LOCATION

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
00-117						MILEAGE	35		mi		2.75	96.25
09-019						Pump Charge	1350		hr		1.48000	1480.00
						7-22-93						
00-119						Crew mileage	35		mi		1.45	50.75
09-019						Pump Charge	907		hr		1.10000	1100.00
01-004						Row Acid	50		gal		1.67	83.50
10-002						HAI-60	1		gal		24.50	24.50
08-703						LOSUR 300	1		gal		27.00	27.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE

J. M. Huber

TIME SIGNED

1610

☐ A.M.☒ P.M.☐ I do ☐ do not require IPC (Instrument Protection). ☐ Not offered

SUB SURFACE SAFETY VALVE WAS:

☐ PULLED & RETURN ☐ PULLED ☐ RUN

TYPE LOCK

DEPTH

BEAN SIZE

SPACERS

TYPE OF EQUALIZING SUB.

CASING PRESSURE

TUBING SIZE

TUBING PRESSURE

WELL DEPTH

TREE CONNECTION

TYPE VALVE

SURVEY

AGREE

UN-  
DECIDEDDIS-  
AGREEOUR EQUIPMENT PERFORMED  
WITHOUT BREAKDOWN?WE UNDERSTOOD AND  
MET YOUR NEEDS?OUR SERVICE WAS  
PERFORMED WITHOUT DELAY?WE OPERATED THE EQUIPMENT  
AND PERFORMED JOB  
CALCULATIONS  
SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE?

☒ YES ☐ NO☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL

2862.00

FROM  
CONTINUATION  
PAGE(S)

6800.80

SUB-TOTAL  
APPLICABLE TAXES  
WILL BE ADDED  
ON INVOICE

9662.80

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)

HALLIBURTON OPERATOR/ENGINEER

EMP # 5567

HALLIBURTON APPROVAL

X J. M. Huber

RON VAN BUSKIRK

Keith Q. Wilson

\$ 7222.35





## ORIGINAL

No. 507983

CUSTOMER

71. 4125

7-21-93

OF

[illegible]**CONTINUATION TOTAL**

6800.80



BEST IMAGE  
AVAILABLE

## WORK ORDER CONTRACT

FORM 2315 R-1

JOB ID: 507 983

TO: HALLIBURTON ENERGY SERVICES: YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVING:

WELL NO. 1	FARM OR LEASE Pyles	COUNTY KIOWA	STATE CO	WELL PERMIT NO.
CUSTOMER J. M. Huber		WELL OWNER J. M. Huber		JOB PURPOSE PTA

☐ do ☐ do not require IPC (Instrument Protection). ☐ Not offered

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED.

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

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton.

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

C. RELEASE AND INDEMNITY - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER AND THOSE PERSONS AND ENTITIES CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE; SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE; RADIOACTIVITY; AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this contract and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. WAIVER - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.

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

NAME (PRINTED)

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE

DATE

TIME

☐ AM  
☒ PM





# JOB SUMMARY

HALLIBURTON DIVISION

HALLIBURTON LOCATION

Mid Cont Div

LAMAR, CO

BILLED ON TICKET NO. 507983

## WELL DATA

FIELD \_\_\_\_\_ SEC. 10 TWP. 19S RNG. 45W COUNTY KIOWA STATE CO

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

## JOB DATA

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
7-21-93	05:30	7-21-93	08:00	7-21-93	10:01	7-22-93	16:30

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
Rowan Van Buskirk	40079	LAMAR CO
M. Miller	3581	"
G. KINISTON	4037	"
D. McTatige	33085	"

BEST IMAGE  
AVAILABLE

## MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT Cement

DESCRIPTION OF JOB PTA well

JOB DONE THRU: TUBING ☒ CASING ☐ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE X Allegre

HALLIBURTON OPERATOR Rowan Van Buskirk COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	100	C				1.32	14.8
2	30	C				1.32	14.8
3	30	C				1.32	14.8
4	120	C				1.32	14.8

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 6+5.2

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 23.5+7.0

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ RAMARKS \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

CUSTOMER K. M. Huber

LEASE Pyles

WELL NO. 1

JOB TYPE

PTA

DATE 7-22-93





## JOB LOG FORM 2013 R-3

DATE	PAGE NO.
7-21-93	1
TICKET NO.	
507983	

CUSTOMER	WELL NO.	LEASE	JOB TYPE
S.M. Huber	1	Pyles	PTA

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	05:30							CALLED OUT
	08:00							ON LOC
	10:00							WIRE LINE SET CAST IRON BRIDGE PLUG AT 1710 FT ± PUT 10 FT CMT ON SAM
	10:01							Howie had the Job meeting Pumping mud
	10:14		35					SHUT DOWN
								Well on VAC
								Run in hole with Comp Pen
								HUNT FOR HOLES
								SET PACKER AT 1350 FT
	10:31		13.5				250	Pressure up B/side
								Rig PERFORATE
								SET CMT RETAINING 1350 FT
	14:31		10					LOAD ANN
			9					H2O AHEAD
								START CMT
	14:49	2.5	235					CMT IN
	14:50	2.5	4			250	0	START DISA
	14:51		5			270		CMT
	14:52		8			300		DISP IN
								Plug 2
								PERFS 1150 FT
								LOAD TBN
								LOAD ANN
	15:50		1/2			1500		Injection Rat
			9					CMT TOTAL OF 9 BBL
								SET TOOL ON TBN
	16:30					1550		P/TEST
						3000		
	17:14					3500		COULD NOT PUMP IN TO
								SHUT DOWN

BEST IMAGE  
AVAILABLE




**HALLIBURTON**  
 ENERGY SERVICES

**JOB LOG FORM 2013 R-3**

 DATE **7-22-93** PAGE NO. **2**

 CUSTOMER **J.m. Huber** WELL NO. **1** LEASE **Pyles** JOB TYPE **PTA** TICKET NO. **507983**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	06:00							called out
	08:45							on loc
	09:15							Pre Job meeting
	10:00		220					Spot Acid
	10:31		1 bbl					Set Tool
								Load TRGS.
	10:24		1			900		Breakdown
	10:25	3 1/2	10			400		Injection
								come out or Hole with Tool
								Set CMT Retainer
								Plug # 2
								Feeds 1000 FT
								CMT Retainer 907 FT
								Load TRGS
		1						TRGS Loaded
	11:26	4	6			750		Injection Rate
	11:29							START CMT
		3	7					CMT in
	11:31	2	5.25			1000		Shutdown
								Plug # 3
	15:30							START CMT
	15:33		7					CMT in
	15:34							START Disp
	15:35		2-1					Disp with mud
								Plug # 4
		10	10					H2O Ahead
		28	28					CMT
	16:06	1/2	1/2					Disp in
								Thanks for Job

 BEST IMAGE  
 AVAILABLE