

HALLIBURTON SERVICES

JOB LOG

WELL NO.

41

LEASE

Clourens

TICKET NO.

646564

CUSTOMER

UPRC

PAGE NO.

JOB TYPE

ATA

DATE

12-17-88

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								Called out on loc
								Pig pull RP.
1	05:21			1				Start H ₂ O Ahead
2	05:23	5	10	1		100		Start CMT
3	05:25	6	7.56	1		100		Start H ₂ O Behind
4	05:26	6	3.5	1		150		Start mud
5	05:30	6	23	1		200		Shot down plug AT 2000'-1900'
6	06:42			1				Start H ₂ O Ahead
7	06:50	7	25	1		100		Start CMT
8	06:54	6	7.56	1		150		Start H ₂ O Displ.
9	06:55	6	4.5	1		125		Shot down plug AT 400'-300'
10	07:52			1				Start CMT
11	07:55	5	2	1		50		Shot down plug AT 20'-0
								Job complete Thank you!

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CUSTOMER



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-5

A Halliburton Company

ATTACH TO
INVOICE & TICKET NO. 6616-001

DISTRICT Liberal KS.

DATE 12-17-88

TO: HALLIBURTON SERVICES

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO:

UPRC

(CUSTOMER)

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

WELL NO. 1 LEASE Chavon SEC. 23 TWP. 16 RANGE 42W

FIELD Willet COUNTY Cherokee STATE Co. OWNED BY

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER: TYPE _____ SET AT _____

TOTAL DEPTH _____ MUD WEIGHT _____

BORE HOLE _____

INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		<u>24</u>	<u>2 7/8</u>	<u>RB</u>	<u>410</u>	
LINER						
TUBING		<u>16.6</u>	<u>4 1/2</u>	<u>NO</u>	<u>3000</u>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

PTA 40 SKS perm AT 1000'-1700' 40 SKS perm 450'-350'

10 SKS perm 0-30'

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 lists.
- Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
- Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF 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.
- Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

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

SIGNED B. J. Cooper CUSTOMER

DATE 12-17-88

TIME 05:00 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.

CUSTOMER

HALLIBURTON SERVICES JOB SUMMARY

FORM 555

HALLIBURTON
DIVISION

Wichita Ks.

HALLIBURTON
LOCATION

Lamar Co.

BILLED ON
TICKET NO.

646564

WELL DATA

FIELD <u>Wildcat</u>	SEC. <u>23</u>	TWP. <u>16</u>	RMS. <u>43</u>	COUNTY <u>Cherokee</u>	STATE <u>Co.</u>
FORMATION NAME	TYPE	THICKNESS	FROM	TO	MAXIMUM PSI ALLOWABLE
INITIAL PROD. OIL	SPD. WATER	SPD. GAS	SPD. MISC.		
CURRENT PROD. OIL	SPD. WATER	SPD. GAS	SPD. MISC.		
COMPLETION DATE	WELL TYPE	WELL DT.			
PACKER TYPE	SET AT				
BOTTOM HOLE TEMP.	PRESSURE				
MISC. DATA	TOTAL DEPTH				

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-16-88</u>	DATE <u>12-17-88</u>	DATE <u>12-17-88</u>	DATE <u>12-17-88</u>
TIME <u>08:00</u>	TIME <u>08:00</u>	TIME <u>05:28</u>	TIME <u>07:55</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Taylor</u>	<u>04023</u>	<u>4119-5063</u>
<u>D. McIntyre</u>	<u>B</u>	<u>0537-5080</u>
<u>A. Dietrich</u>	<u>64741</u>	<u>3406</u>
		<u>Van</u>

DEPARTMENT CMT
DESCRIPTION OF JOB PIA

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

CUSTOMER REPRESENTATIVE X B L Corp
HALLIBURTON OPERATOR A. Dietrich
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CEMENT DATA

STAGE	NUMBER OF BAGS	TYPE	API CLASS	BRAND	BULK BAGGED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>40</u>	<u>Neut</u>	<u>Blank</u>	<u>SW</u>	<u>0</u>	<u>None</u>	<u>1.06</u>	<u>16.4</u>
<u>2</u>	<u>40</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>
<u>3</u>	<u>10</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING	DISPLACEMENT	PRESLUSH: BBL-GAL.	TYPE
BREAKDOWN	MAXIMUM	LOAD & SHOCK: BBL-GAL.	PAD: BBL-GAL.
AVERAGE	FRACURE GRADIENT	TREATMENT: BBL-GAL.	DISPL: BBL-GAL.
SHUT-IN INSTANT	5-MIN.	CEMENT SLURRY: BBL-GAL.	
ORDERED	AVAILABLE	TOTAL VOLUME: BBL-GAL.	
TREATING	DISPL.		
CEMENT LEFT IN PIPE	OVERALL		
REASON			

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