

JOB LOG

WELL NO. 41 LEASE Clayton 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		100		Shot down plug AT 1000'-1900'
6	06:42			1				Start H ₂ O Ahead
7	06:52	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!

RECEIVED

JAN 12 1989

COLO. OIL & GAS CONS. COMM

CUSTOMER

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

FORM 1908 R-5

ATTACH TO INVOICE & TICKET NO. 4416-001

DISTRICT Liberal Ns.

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. 21 LEASE Clayton SEC. 23 TWP. 16^S RANGE 42^W
FIELD Willet COUNTY Cherokee STATE Co. OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING			24	2 5/8	RB	410	
LINER							
TUBING			16.6	4 1/2 x 1/2	RB	500	
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 FROM AT 1000-1700' 40 SKS FROM 450'-350'
10 SKS FROM 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:

- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- (b) 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.
- (c) 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.
- (d) 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.
- (e) 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.
- (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- (g) 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.
- (h) 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.
- (i) 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.
- (j) 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.
- (k) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- (l) 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

HALLIBURTON DIVISION Wichita Ks.

HALLIBURTON LOCATION Lamar Co.

BILLED ON TICKET NO. 646564

FORM 222

WELL DATA

FIELD Wildcat SEC. 23 TWP. 16 RNS. 430 COUNTY Cherokee STATE Co.

FORMATION NAME	TYPE	FROM	TO	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING					<u>24</u>	<u>8 1/2</u>	<u>KB</u>	<u>400</u>	
LINER									
TUBING					<u>16.6</u>	<u>4 1/2 X 11</u>	<u>KB</u>	<u>2000</u>	
OPEN HOLE									SHOTS/FT.
PERFORATIONS									
PERFORATIONS									
PERFORATIONS									

INITIAL PROD. OIL: _____ SPD. WATER: _____ SPD. GAS: _____ MISC. DATA: _____
 PRESENT PROD. OIL: _____ SPD. WATER: _____ SPD. GAS: _____ TOTAL DEPTH: _____
 COMPLETION DATE: _____ HOLE TYPE: _____ HOLE WT.: _____
 PACKER TYPE: _____ SET AT: _____
 BOTTOM HOLE TEMP.: _____ PRESSURE: _____

JOB DATA

CALLED 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>07:00</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>1119-5063</u>
		<u>Hail Singl.</u>
<u>D. Mendigo</u>	<u>B</u>	<u>0537-5000</u>
		<u>BIRTK</u>
<u>A. Dietrich</u>	<u>647411</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 COPIES REQUESTED _____

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 Pack</u>	<u>SW</u>	<u>0</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 _____ PRESURUSI BBL-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & SHOTI BBL-GAL. _____ PADI BBL-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. _____
 SHUT-IN INSTANT _____ 5-MIN. _____ 10-MIN. _____ CEMENT SLURRY: BBL-GAL. 16.9
 ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL-GAL. _____
 TREATING _____ DISPL. _____ OVERALL _____
 FREE _____ REASON _____

REMARKS
RECEIVED
JAN 17 1989
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CUSTOMER