

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 009-24,529-0000

County Barton
150' East of _____
NW- NE- NE- _____ Sec. 35 Twp. 20 Rge. 11 X W

4950 Feet from (S) N (circle one) Line of Section
840 Feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

Lease Name Miller "B" Well # 1

Field Name Mue-Tam

Producing Formation _____

Elevation: Ground 1767 KB 1772

Total Depth 3352' PBDT _____

Amount of Surface Pipe Set and Cemented at 479' Feet

Multiple Stage Cementing Collar Used? _____ Yes _____ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 OP D+A 10-30-92
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used salt sec. and again end of drlg pit will be filled with-in one year (when dry)

Disposition of fluid disposal if hauled offsite: _____

Section 35-19-11 Barton County

Operator Name Bob's Oil Service

Lease Name Sieker SWD License No. 30610

Quarter 35 Twp. 19 S Rng. 11 X W

County Barton Docket No. D-26,497

9-21-92

Operator: License # 6039

Name: L.D. Drilling, Inc.

Address RR 1 Box 183B

City/State/Zip Great Bend, KS 67530

Purchaser: _____

Operator Contact Person: L.D. Davis

Phone (316) 793-3051

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: _____

Designate Type of Completion
 New Well _____ Re-Entry _____ Workover

_____ Oil _____ SWD _____ S1OW _____ Temp. Abd.

_____ Gas _____ ENHR _____ SIGW

Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

_____ Plug Back _____ PBDT

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

08-28-92 09-03-92 _____
Spud Date Date Reached TD Completion Date

RECEIVED
STATE CORPORATION COMMISSION
SEP 21 1992
WICHITA, KANSAS
CONSERVATION DIVISION

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature L.D. Davis
L. D. Davis President Date 9-16-92

Subscribed and sworn to before me this 16th day of September, 19 92.

Notary Public Bessie M. DeWerff
Bessie M. DeWerff

Date Commission Expires 5-20-93

NOTARY PUBLIC - State of Kansas
BESSIE M. DEWERFF
My Appt. Exp. 5-20-93

K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C MA Wireline Log Received
C ✓ Geologist Report Received
Distribution
✓ KCC _____ SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other
(Specify)

Operator Name L.D. Drilling, Inc. Lease Name Miller "B" Well # 1
 Sec. 35 Twp. 20 Rge. 11 East County Barton
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run: no logs ran

Name	Formation (Top), Depth and Datums	
	Top	Datum
Anhy.	471-446	
Heebner	2906	(-1134)
Toronto	2924	(-1152)
Douglas	2936	(-1164)
Brown Lime	3030	(-1258)
L/KC	3053	(-1281)
Base K/C	3288	(-1516)
Arbuckle	3304	(-1532)

DST' attached sheet

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8-5/8"	23#	479'	60/40 poz	275	2% gel 3% cc

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

15.009.24529.0000
ORIGINAL

Attached to and made a part of ACO-1 Side Two

Operator Name: L. D. Drilling, Inc.

Lease: Miller "B" Well #1

Sec. 35 Twp 20S Rge. 11 West

County: Barton

DST #1 2902-3005 Douglas Sand

Times: 30-30-60-60

Blow: 1st open 1½" surged to 3"

2nd open 1½" surged to 5"

clean up & blt. to bottom of bucket

Recovery: 315' gip, 113' drilling mud

IFP: 123 -plugged FFP: 123-123

ISIP: 745 FSIP: 347

DST #2 3285-3320 Arbuckle

Times: 30-30-30-30

Blow: 1st open: weak blow died in 10 min.

2nd open: no blow

Recovery: 4' Drilling Mud

IFP: 156-167 FFP: 56-56

ISIP: 67 FSIP: 67

DST #3 3318-3334 Arbuckle (Mis-Run)

Plugged tool

DST #4 3284-3334

Time: 30-30

Blow: died in 13 min.

Recovery: 10' Drilling Mud W/few oil spks

IFP: 39-29

ISIP: 76

DST #5 3286-3342

Times: 45-45-45-45

Blow: 1st open: increased to 3½"

2nd open: increased to 5½"

Recovery: 230' gip, 10' clean oil 41°gvty

40' OCM 15% oil

IFP: 88-78 FFP: 88-78

ISIP: 204 FSIP: 175

DST #6 3328-3352

Times: 30-30-30-30

Blow: 1st open: 2"

2nd open: 1/2"

Recovery: 600' gip, 10' ocm 15% oil

30' Drilling Mud

IFP: 31-29 FFP: 39-29

ISIP: 831 FSIP: 76

RECEIVED
STATE CORPORATION COMMISSION

SEP 2 1 1969

CONSERVATION DIVISION
Wichita, Kansas

HALLIBURTON SERVICES
Duncan, Oklahoma 73530

A Division of Halliburton Company

ORIGINAL

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME B-1 Miller		COUNTY Barton	STATE Ks	CITY / OFFSHORE LOCATION	DATE 9-3-91
CHARGE TO L.D. Drlg		OWNER Same	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR Duke Drlg	1 LOCATION Hays, Ks		CODE 25525
CITY, STATE, ZIP		SHIPPED VIA Howco	2 LOCATION 2		CODE
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO. B-120106	DELIVERED TO S. Ellinwood, Ks.		3 LOCATION 3
TYPE AND PURPOSE OF JOB 115		ORDER NO.	REFERRAL LOCATION		

An consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. 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. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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 FOR A PARTICULAR PURPOSE 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, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
800 NT		1		MILEAGE on PT	20	mi			2.60	52	10
090-910		1		Pump Chg	2	hr			197.50	395	00

NOT THIS IS AN INVOICE

RECEIVED STATE CORPORATION COMMISSION

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. B-120106

WAS JOB SATISFACTORILY COMPLETED?
 WAS OPERATION OF EQUIPMENT SATISFACTORY?
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY?
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 CUSTOMER OR HIS AGENT (SIGNATURE)

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.

SEP 21 1991
 CONSERVATION DIVISION
 Wichita, Kansas

HALLIBURTON OPERATOR: John Beck
 HALLIBURTON APPROVAL: [Signature]
 CUSTOMER: [Signature]

APPLICABLE TAXES WILL BE ADDED ON INVOICE.



**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**

15.009.24529.0000

FOR INVOICE AND TICKET NO. 208191

ORIGINAL

DATE 9-3-92	CUSTOMER ORDER NO.	WELL NO. AND FARM Miller B-1	COUNTY Barton	STATE Kansas
CHARGE TO L. D. Drilling		OWNER Same	CONTRACTOR Duke Drilg.	No. B 120106
MAILING ADDRESS		DELIVERED FROM Hays, Ks	LOCATION CODE 25525	PREPARED BY Kuhn
CITY & STATE		DELIVERED TO S Ellinwodd, Ks	TRUCK NO. 0818X	RECEIVED BY <i>John E. B...</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
				120Cu. Ft. Pozmix Cement6%Gel								
504-308	516.00261	1	B	STANDARD Cement	72				6.06	436	32	
506-105	516.00286	1	B	Pozmix ;A'	3552				.048	170	50	
506-121	516.00259	1	B	2sk Halliburton Gel@2%							n/c	
507-277	516.00259	1	B	Halliburton Gel@4%	4				14.75	59	00	
<i>THIS IS NOT AN INVOICE</i>												
RECEIVED STATE CORPORATION COMMISSION SEP 21 1992 CONSERVATION DIVISION Wichita, Kansas												
				Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES					
				SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET					
500-207		1	B	SERVICE CHARGE			128 CU. FEET	1.15		147	20	
500-306		1	B	Mileage Charge	10,920 TOTAL WEIGHT	20 LOADED MILES	109.200 TON MILES	.80		87	36	
No. B 120106		CARRY FORWARD TO INVOICE							SUB-TOTAL		900 38	

DISTRICT P. 7

DATE 7/11

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: W.D. Dill (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. B #1 LEASE M. H. SEC. 35 TWP. 20 RANGE 11

FIELD _____ COUNTY Rice STATE Ks OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: FORMATION NAME, TYPE, 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, PERFORATIONS, NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I.

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

P.T.A.

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

consideration in the above, the Customer agrees... THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED... To pay Halliburton in accordance with the rates and terms stated in Halliburton's current price list... 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... 1. 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... 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof... 3. 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 defenses, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims of 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 which 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 quantity, quality, or performance of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, log recommendation or other data furnished by Halliburton... 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 defense is exclusive and shall be limited to the replacement cost 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 the amount of such credit exceed the amount of the purchase price of such items... 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 cost of their replacement, or the cost of repairs unless such damage is caused by the sole negligence of Halliburton... In the case of equipment, tools or instruments damaged in the well, 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 of such equipment, tools or instruments to the landing until returned to the landing... To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law... That this contract shall be governed by the law of the state where services are performed or materials are furnished... That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton

RECEIVED OIL & GAS CORPORATION COMMISSION SEP 21 1999 CONSERVATION DIVISION Wichita, Kansas

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. SIGNED _____ CUSTOMER DATE 7-13-99 TIME 1:15 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

WELL DATA

FIELD _____ SEC. 30 TWP. 20 RING. 11 COUNTY. Beata STATE. K.

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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING						
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE _____	DATE _____	DATE _____	DATE _____
TIME <u>11:00</u>	TIME <u>1:00</u>	TIME <u>5:00</u>	TIME _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Beck</u>	<u>4.111</u>	<u>Beata</u>
<u>R. Brown</u>	<u>51.74</u>	<u>May, Ks.</u>
<u>A. Cabal</u>	<u>BT</u>	<u>"</u>
	<u>0517</u>	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API _____

DISPL. FLUID _____ DENISTY _____ LB/GAL. API _____

PROP. TYPE _____ SIZE _____ LB _____

PROP. TYPE _____ SIZE _____ LB _____

ACID TYPE _____ GAL _____

ACID TYPE _____ GAL _____

ACID TYPE _____ GAL _____

FLUID LOSS ADD. _____ GAL-LB _____

WELLING AGENT TYPE _____ GAL-LB _____

FRIC. RED. AGENT TYPE _____ GAL-LB _____

BREAKER TYPE _____ GAL-LB _____

BLOCKING AGENT TYPE _____ GAL-LB _____

PERFPAC BALLS TYPE _____ QTY _____

OTHER _____

OTHER _____

DEPARTMENT _____

DESCRIPTION OF JOB Plug to Abandon

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN

CUSTOMER REPRESENTATIVE X Leonard Williams

HALLIBURTON OPERATOR A. Beck COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>120</u>	<u>40/100</u>		<u>1</u>	<u>0.2%</u>	<u>1.1</u>	<u>1.1</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

SUMMARY

PRESLUSH: BBL-GAL. _____ TYPE _____

LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____

TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. _____

CEMENT SLURRY: BBL-GAL. 31.6

TOTAL VOLUME: BBL-GAL. _____

REMARKS

See Job Log

J. Beck

RECEIVED STATE CORPORATION COMMISSION

SEP 2 1 1966

CONSERVATION DIVISION Wichita, Kansas

CUSTOMER 10011
LEASE 11/11
WELL NO. 9-1
JOB TYPE PTA
DATE 9-2-66



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 263810
DATE 8-28-93

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: L. D. Data, Inc. (CUSTOMER)

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

WELL NO. 1-B LEASE M. H. C. R. SEC. 35 TWP. 20 S RANGE 11 W

COUNTY Barton STATE K.S. OWNED BY Some

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		2 1/2"	3 1/2"	FD	474'	
LINER						
TUBING						
OPEN HOLE			12 1/2"	KA	470'	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Surf 470 Surface Pipe th 2755KS-40/100

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, 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.
 - 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.
 - 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. 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 nor its agents will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
 - That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in the event of a claim, breach of warranty or otherwise arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
 - That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
 - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized representative of Halliburton.

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.

RECEIVED
STATE CORPORATION COMMISSION
SEP 2 1 1993

CONSERVATION DIVISION
WICHITA, KANSAS

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

SIGNED Leonard Williams CUSTOMER
DATE 8-28-93
TIME 10:30 A.M. P.M.

NO DUPLICATE VENDOR
 BE SURE TO SIGN REMARCS
 WITH EXPLANATION REMARCS

15.004.24524.0000

SUMMARY

HALLIBURTON LOCATION

6 Root Beard

BILLED ON TICKET NO. 263842

WELL DATA

SEC 35 TWP 20S RNG 11E COUNTY Barton STATE KS

FORMATION NAME: 1641 TYPE: 1641

FORMATION THICKNESS: FROM 1641 TO 1641

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: _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	2	23"	8 3/8	KB	474	
LINER						
TUBING						
OPEN HOLE			12 1/4	KB	420	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
8-28	8-28-76	8-28-76	8-28-76
TIME 16:00	TIME 19:30	TIME 21:30	TIME 23:00

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>UICOR 8 3/8</u>	1	Humbro
HEAD <u>Man. Fluid 8 3/8</u>	1	
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
C. BYERLY 85826	51936	6T
K. Guchler D2052	Comb	Beard
Byler C. 1690		Pratt

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 _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

DEPARTMENT: Com 1

DESCRIPTION OF JOB: 8 3/8 Surface Pipe

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE: Allen Byerly

HALLIBURTON OPERATOR: Allen Byerly COPIES REQUESTED: _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	275	40/60	Poz	B	37 CC 27 Gal	1.27	14.5

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET: 15 REASON: Request

SUMMARY

PRESLUSH: BBL-GAL _____ TYPE _____

LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

TREATMENT: BBL-GAL _____ DISPL BBL-GAL 24.9

CEMENT SLURRY: BBL-GAL 62.2

TOTAL VOLUME: BBL-GAL _____

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 STATE CORPORATION COMMISSION
 SEP 29 1976
 CONSERVATION DIVISION
 Wichita, Kansas

CUSTOMER: *Only*
 JOB TYPE: *Surface Pipe*
 PAGE NO: *1*
 DATE: *9-23*

START NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	18:30							Old location
	19:20							Casing on bottom
	21:30							Break Circuit 16
	22:53	1				70	0	Start Mixing
	22:53		172				3.00	Finish Mixing
	23:04							Release plug
	23:50						200	Start Displacement
	22:40		299				500	Plug Down
	22:52						200	Start To
	22:45							Wash up
	23:01							Job Complete
								Thanks
								Glen, Kansas

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SEP 21 1992

CONSERVATION DIVISION
 Wichita, Kansas

CUSTOMER