

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

ORIGINAL

API NO. 15- ⁴⁹⁹ 009-24,299 0000

Operator: License # 6039

Name: L. D. DRILLING, INC.

Address RR 1 Box 183 B

City/State/Zip Great Bend, Kansas 67530

Purchaser: _____

Operator Contact Person: L. D. Davis

Phone (316) 793-3051

Contractor: Name: L. D. Drilling, Inc.

License: 6039

Wellsite Geologist: Kim Shoemaker

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW 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 _____ PBTB
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

11-19-91 11-25-91
Spud Date Date Reached TD Completion Date

County Barton

150' S & 100' W
NE-NW-SE-E Sec. 4 Twp. 16 Rge. 12 X W

2160 Feet from S/W (circle one) Line of Section

1800 Feet from N/W (circle one) Line of Section

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

Lease Name JOHN MILLER Well # 1

Field Name Beaver North

Producing Formation _____

Elevation: Ground 1877' KB 1882'

Total Depth 3360' PBTB 3400'

Amount of Surface Pipe Set and Cemented at 419' 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 cat.

Drilling Fluid Management Plan AIR DR
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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

Title President Date 12-14-91

Subscribed and sworn to before me this 16th day of December, 19 91.

Notary Public Bessie M. DeWerff Bessie M DeWerff

Date Commission Expires 5-20-93

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RECEIVED
STATE CORPORATION COMMISSION
KGS
Distribution
SWD/Rep _____ NGPA
Plug _____ Other
(Specify)
DEC 20 1991



12-20-91

Operator Name L. D. Drilling, Inc. Lease Name JOHN MILLER Well # 1

Sec. 4 Twp. 16 Rge. 12 East West
 County Barton

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhy	805-828	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	2959	(-1077)
List All E.Logs Run:	Recovery: 10' gip	Toronto	2976	(-1094)
DST #1 2978 - 3048	50' so & gcm	Douglas	2988	(-1106)
TIMES: 30-30-30-30	5% oil	Brown LM	3045	(-1163)
BLOW: 1st open: 1" blow	IFP: 54-58	L K/C	3058	(-1176)
2nd open: 2' blow	68-72	B K/C	3305	(-1423)
		Cong	3316	(-1434)
		RTD	3360	(-1478)

ISIP: 640 463 CASING RECORD New Used
 **SEE ATTACHMENT 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"	28	419'	35/65 Poz	125	6% gel, 3% cc
						50	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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (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 Flowing Pumping Gas Lift 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 _____

ORIGINAL

ATTACHMENT TO ACO-1

OPERATOR: L. D. Drilling, Inc.
ADDRESS: RR 1 Box 183 B
Great Bend, Kansas 67530
LICENSE #: 6039

LEASE NAME: John Miller #1
LOCATION: 150' S & 100' W NE NW SE
SEC. 4- T 16S- R 12W
Barton Co. Kansas

DST #2: 3062 - 3098 A&B Lans
TIMES: 30 X 30
BLOW: 1st open- 1" blow
2nd open - 1" blow
RECOVERY: 20' GIP, 40' VSOCM
2% oil
IFP: 34-36 FFP: 46-46
ISIP: 714-685

DST #3; 3217 - 3250 Lans
TIMES: 20-20
BLOW: 1st open- weak died 15
RECOVERY: 5' mud
IFP: 40-40
ISIP: 780

RECEIVED
STATE CORPORATION COMMISSION

DEC 20 1991

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

1993

Date	11-25-91	Sec.	4	Twp.	16	Range	12	Called Out	7:15 AM	On Location	9:30 AM	Job Start	9:45 AM	Finish	11:15 AM
Lease	Miller	Well No.	#1	Location	Beaver Creek			County	Barton	State	Kansas				

Contractor L. D. Drilling Inc. Rig 1

Type Job _____

Hole Size	7 7/8"	T.D.	3360'
Csg.	8 5/8"	Depth	721'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	
Perf.			

Owner SAMP

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To L. D. Drilling Inc.

Street _____

City _____ State _____

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____

XEROX DOCUMENT

CEMENT

EQUIPMENT

#153 No.	Cementer	<u>M. Kaufman</u>
Pumptrk	Helper	<u>Dave F.</u>
No.	Cementer	
Pumptrk	Helper	
#160	Driver	<u>Paul D.</u>
Bulktrk	Driver	

Amount Ordered	<u>160 SKS 60/40 Poz. 2 1/2" 3 1/2" cc</u>
Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	
Handling	
Mileage	
Sub Total	
Total	

DEPTH of Job

Reference:	<u>PUMP T&K</u>
	<u>1-8 5/8" Plug</u>
Sub Total	
Tax	
Total	

Remarks:

25 SKS @ 810'

70 SKS @ 480'

40 SKS @ 180'

10 SKS @ 40'

15 SKS in Rat Hole

Floating Equipment _____

RECEIVED
 STATE CORPORATION COMMISSION
DEC 20 1991
 CONSERVATION DIVISION
 Wichita, K.



FORM 1908 R-7

A Division of Halliburton Company

ORIGINAL WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 197124

DISTRICT Great Bend

DATE 11-20-91

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 Poley (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. #1 LEASE John Miller SEC. _____ TWP. _____ RANGE _____

FIELD _____ COUNTY Barton STATE KS OWNED BY Same

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>4</u>	<u>257F</u>	<u>8 5/8</u>	<u>KB 419'</u>		
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>419</u>	<u>420'</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Set 8 5/8" Surface Pipe with 125 sks
3 7/8" Pipe, 67 gal, 37 cc with 50 sks 5/150 POC 37 cc

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

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) 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 first 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.
- b) 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:
 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. 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.
 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 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 unreasonableness 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.

- c) 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.
- d) 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, 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.
- e) 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 gross 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 gross 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 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 gross negligence of Halliburton.
- f) 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 to be performed.
- h) 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.

DEC 20 1991
CONSERVATION DIVISION

SIGNED [Signature] CUSTOMER

DATE 11-20-91

TIME 05:00 AM 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

JOB LOG

WELL NO. 1 LEASE WINDY HILL TICKET NO. 11/157

ORIGINAL

CUSTOMER 40 Dry Eye

PAGE NO. 1

JOB TYPE Surface Pipe

DATE 11-20-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0500							On Location
								Break Circulation
			0				200	Start Mixing
			15.5				200	Finish Mixing
								Release Plug
			0				200	Start Displacement
	0829		25.5				300	Plug Down
								Good Returns at (22 hrs wait)
	0830						250	Shut In
								wash up
								Job Complete
								Thanks
								blew
								brake
								cool

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STATE OF TEXAS REGISTRATION

DEC 20 1991

CUSTOMER

WELL DATA

FIELD _____ SEC. _____ COUNTY Barton STATE KS

FORMATION NAME _____ TYPE ORIGINAL

CASING	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
	<u>11</u>	<u>23</u>	<u>5 7/8</u>	<u>KB</u>	<u>415'</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>415'</u>	<u>420'</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

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

CALLER OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
<u>11-20-91</u>	<u>11-20-91</u>	<u>11-20-91</u>	<u>11-20-91</u>
TIME	TIME	TIME	TIME
<u>0300</u>	<u>0500</u>		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>L. B. ...</u>	<u>85816</u>	<u>51757</u>
<u>W. ...</u>	<u>89322</u>	<u>6.m.b</u>
<u>L. ...</u>	<u>89331</u>	<u>0513</u>
		<u>641K</u>

DEPARTMENT Cement

DESCRIPTION OF JOB 8 1/2" Surface Pipe

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X. B. Davidson

HALLIBURTON OPERATOR Thomas ... COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>125</u>	<u>35/65</u>	<u>P-7</u>	<u>B</u>	<u>67.6cc</u>	<u>32 CC</u>	<u>11.54</u>
	<u>50</u>	<u>50/50</u>	<u>P-2</u>	<u>B</u>	<u>32 CC</u>		<u>13.16</u>

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. 25.5

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL. 1500 45.5

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL-GAL. 1500

TREATING _____ DISPL _____ OVERALL _____ REMARKS _____

FEET 10 REASON Request STATE COPY _____ DATE _____

CUSTOMER L.D. D-16
 LEASE John Miller
 WELL NO. 1
 JOB TYPE Surface Pipe
 DATE 11-20-91



**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**

ORIGINAL

FOR INVOICE AND
TICKET NO. 197124

DATE 11-20-91	CUSTOMER ORDER NO.	WELL NO. AND FARM John Miller /	COUNTY Barton	STATE Ks.
CHARGE TO L.D. Drilling		OWNER Same	CONTRACTOR Co Tools	No. B 978361
MAILING ADDRESS		DELIVERED FROM Great Bend, Ks.	LOCATION CODE 25520	PREPARED BY J.M. Sheets
CITY & STATE		DELIVERED TO Location	TRUCK NO. 0513	RECEIVED BY <i>Wen Byrd</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
				QTY.	MEAS.	QTY.	MEAS.				
			125 35% Pozmix 65% Cement 6% Gel								
504-308	516.00261	1 b	Standard Cement	81	sk			5.35	433.35		
506-105	516.00286	1 b	Pozmix A	44	sk			3.29	144.76		
506-121	516.00259	1 b	2 Halliburton Gel 2% allowed						NC		
507-277	516.00259	1 b	4 Halliburton Gel 4% added	4	sk			14.75	59.00		
			50 Pozmix Cement w/2% Gel								
504-308	516.00261	1 b	Standard Cement	25	sk			5.35	133.75		
506-105	516.00286	1 b	Pozmix A	25	sk			3.29	82.25		
506-121	516.00259	1 b	1 Halliburton gel 2% allowed						NC		
509-406	890.50812	1 b	Calcium Chloride 3% w/175	4	sk			26.25	105.00		
				Returned Mileage Charge		TOTAL WEIGHT		LOADED MILES		TON MILES	
				SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET			
500-207		1 b	SERVICE CHARGE					CU. FEET 183	1.15	210.45	
500-306		1 b	Mileage Charge	16,129	TOTAL WEIGHT	18	LOADED MILES	145.16	.80	TON MILES	116.13
No. B. 978361		CARRY FORWARD TO INVOICE						SUB-TOTAL		1284.69	

THIS IS NOT AN INVOICE

STATE OF KANSAS
DEC 20 1991