

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

CONFIDENTIAL

Operator: License # 30606Name: Murfin Drilling Co., Inc.Address 250 N. Water, Suite 300City/State/Zip Wichita, KS 67202Purchaser: NCRAOperator Contact Person: Larry M. JackPhone () 267-3241Contractor: Name: Murfin Drilling Co., Inc.License: 30606

Well-site Geologist: _____

Designate Type of Completion.

☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SIOV ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)I ☐ rcover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____

4/18/94 5/8/94 6/2/94

Spud Date Date Reached TD Completion Date

API NO. 15- 175-21395County SewardNW SW Sec. 36 Twp. 32S Rge. 33W E W1980 Feet from SW (circle one) Line of Section4620 Feet from SW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SW, NW or SW (circle one)Lease Name OXY-LB Well # 1-36Field Name UnknownProducing Formation LKCElevation: Ground 2695 KB 2704Total Depth 5982 PBTD 5690Amount of Surface Pipe Set and Cemented at 1535 FeetMultiple Stage Cementing Collar Used? xx Yes ☐ No ☐If yes, show depth set 4900 FeetIf Alternate II completion, cement circulated from 4900feet depth to surface w/ 155 sx cmt.Drilling Fluid Management Plan ALT 1 12-13-94
(Data must be collected from the Reserve Pit)Chloride content 5500 ppm Fluid volume 2500 bblsDewatering method used evaporation

Location of fluid disposal if hauled offsite:

RELEASED

Operator Name _____

Lease Name OCT 26 1995 License No. hucFROM CONFIDENTIAL AUG 9 S Rng. 9 E/WCounty _____ Docket No. CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado 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 this form will be held confidential for a period of 12 months if requested in writing and submitted with the fee rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and geologist well reports 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 By: Larry M. Jack CONSERVATION DIVISION WICHITA, KSr' Larry M. Jack, Prod. Mgr. Date 8/9/94Subscribed and sworn to before me this 9 day of August, 19 94.Notary Public Kerran RedingtonDate Commission Expires 2/6/98

K.C.C. OFFICE USE ONLY
F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☒ Geologist Report Received

Distribution
☒ KCC ☐ SWD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other (Specify) IS

KERRAN REDINGTON
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2-6-98

SIDE TWO

33-23-23
 Sec. 36 Twp. 32S Rge. 33W

Lease Name OXY-LB

Well # 1-36

County Seward

☐ East
☐ 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.)

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

List All E.Logs Run: BOREHOLE COMPENSATED SONIC
 PHASOR INDUCTION
 See attached.

See attached.

CEMENT EVALUATION
 COMPENSATED NEUTRON
 MICRO

CASING RECORD

☒ New ☐ 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	12½	8 5/8	24#	1535	Lite Common	550	3%cc.2% gel
Production	7 7/8	5½	15.5#	5956	Class H	330	10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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
4	4719-22	250 gal. MOD-202	4719-22'
4	4652-54		

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2 7/8	4686			

Date of First, Resumed Production, SWD or Inj.	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)
8/5/94		

Estimated Production Per 24 Hours	Oil Bbls.	Gas -- Mcf	Water 130 Bbls.	Gas-Oil Ratio	Gravity
	10				

Disposition of Gas: N/A

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)

as above

Murfin Drilling Company, Inc.
Suite 300
250 North Water Street
Wichita, Kansas 67202

OCT 26 1995

36-32-33w

FROM CONFIDENTIAL ORIGINAL

Gentlemen:

I have witnessed the drilling and examined samples on the Oxy-LB No. 1-36 from 3000' to a total depth of 5982' in Spergen (Mississippian) rocks. A sample log with lithological descriptions, two foot drilling time, gas detector readings and other pertinent data was plotted on a 5"=100' scale from 3000' to T.D.

Samples on this test are being sent to the Kansas Geological Society Sample Library, 4150 Monroe Street, Wichita, Kansas 67209.

Geological tops corrected to the electrical survey and correlated with the Anadarko Petroleum Corporation - Frazier "B" No. 1 (4620' FS&EL of Section 1-T33S-R33W, Seward County, Kansas) a 7310' Arbuckle test about 1/2 mile south are as follows:

Formation	Murfin/Canyon No. 1-36 Oxy-LB	Anadarko Frazier "B" No. 1
Elevation-Datum	2703 KB	2738 GL
Base of Stone Corral	1538 +1165	1541 +1197
Wellington	2056 +647	2109 +629
Wolfcamp	2460 +243	2513 +225
Krider	2537 +166	2592 +146
Winfield	2587 +116	2643 +95
Council Grove Mark	3154 -451	3206 -468
Base of Heebner	4060 -1357	4106 -1368
Toronto	4070 -1365	4114 -1376
Lansing	4185 -1480	4229 -1491
Iola	4460 -1757	4508 -1770
Swope	4636 -1933	4697 -1959
Hertha	4717 -2014	4764 -2026
Marmaton	4816 -2113	4866 -2128
Cherokee	4984 -2281	5025 -2287
Atoka	5184 -2481	5232 -2494
Morrow	5346 -2643	5394 -2656
Chester	5460 -2757	5554 -2816
Ste. Genevieve	5659 -2956	5658 -2920
St. Louis	5716 -3013	5766 -3028
Spergen	5862 -3159	5911 -3173
Arbuckle	NDE	7253 -4515
T.D. - E.S.	5986 -3283	7296 -4558
T.D. - Driller	5982 -3279	7310 -4572

Zones of interest are discussed below:

CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 10 1994

CONSERVATION DIVISION
WICHITA, KS