

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

API NO. 15- 179-210790000

COPY

County Sheridan

NW - SW - SE Sec. 15 Twp. 10S Rge. 26 X ^E _W

1050 Feet from S (circle one) Line of Section

2200 Feet from E (circle one) Line of Section

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

Lease Name Werth Well # 15-33

Field Name Wildcat

Producing Formation NA

Elevation: Ground 2579 KB 5

Total Depth 4505' KB PBDT 0

Amount of Surface Pipe Set and Cemented at 335' KB Feet

Multiple Stage Cementing Collar Used? NA Yes NA No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan 0 + a 3-27-96
(Data must be collected from the Reserve Pit) RV

Chloride content 1800 ppm Fluid volume 980 bbls

Dewatering method used Evaporation NO

Location of fluid disposal if hauled offsite DEC 13

RELEASED

CONFIDENTIAL

Operator Name _____

Lease Name FEB 6 1997 License No. _____

County Sheridan S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 3680

Name: L. B. Industries, Inc.

Address 12200 E. Briarwood Ave., Ste 250

City/State/Zip Englewood, CO 80112-6702

Purchaser: NA

Operator Contact Person: Layle L. Robb

Phone (303) 790-8340

Contractor: Name: White & Ellis Drilling, Inc.

License: 5420

Wellsite Geologist: Daniel F. Fredlund

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover _____

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.

_____ Gas _____ ENHR _____ SIGW

X 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. _____

11/24/95 12/3/95 NA
Spud Date Date Reached TD Completion Date

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 Layle L. Robb Layle L. Robb

Title Operations Manager Date 12/13/95

Subscribed and sworn to before me this 13th day of December 19 95

Notary Public Peggy Steffin Peggy Steffin

Date Commission Expires 8/11/96

K.C.C. OFFICE USE ONLY		
<input checked="" type="checkbox"/>	F	Letter of Confidentiality Attached
<input checked="" type="checkbox"/>	C	Wireline Log Received
<input checked="" type="checkbox"/>	G	Geologist Report Received
Distribution		
<input type="checkbox"/>	SWD/Rep	NGPA
<input type="checkbox"/>	Plug	Other (Specify)

DEC 15 1995

Operator Name L. B. Industries, Inc. Lease Name Werth Well # 15-33

Sec. 15 Twp. 10S Rge. 26 East West
 County Sheridan

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests (including 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 checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input 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	Stone Corral	2218	+ 366
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Anhydrite	2256	+ 328
		Heebner	3818	-1234
		Toronto	3841	-1274
		Lansing	3858	-1308
		Base Kansas City	4112	-1528
		Marmaton	4132	-1548
		Pawnee	4240	-1656
		Ft. Scott	4312	-1728
		Cherokee	4335	-1751
		Mississippian	4414	-1830

List All E.Logs Run:
 Spectral Density Dual Spaced Neutron II
 w/GR-Caliper
 Dual Induction Laterlog w/SP
 Long Spaced Sonic
 Microlog

CASING RECORD <input 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	24	335	40/60 Poz Std	225	2% gel, 2% C-1

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	See CP-4			
<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 <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 Grav

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 _____

Computer inventoried

L.B. Industries, Inc.

DST DATA

15-105-26W

COPY
15-179-21079

Werth #15-33
Section 15, T10S, R26W
Sheridan County, Kansas

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DST #1 @ 3878'-3897'; 30"-45"-45"-60"; Rec 1 ft mud; IHP 1846, IFP 27-28, ISIP 32, FFP 27-27, FSIP 31, FHP 1828, BHT 111°F.

DST #2 @ 3898'-3924'; 30"-45"-30"-45"; Rec 1 ft mud; IHP 1848, IFP 30-30, ISIP 37, FFP 29-29, FSIP 35, FHP 1837, BHT 112°F.

DST #3 @ 3980'-4035'; 30"-45"-30"-45"; Rec 5 ft mud with specks oil; IHP 1928, IFP 31-33, ISIP 888, FFP 33-34, FSIP 794, FHP 1826, BHT 113°F.

DST #4 @ 4040'-4080'; 30"-45"-30"-45"; Rec 15 ft mud with show oil; IHP 1992, IFP 31-31, ISIP 1271, FFP 31-31, FSIP 1160, FHP 1922, BHT 113°F.

DST #5 @ 4300'-4350'; 30"-30"-30"-30"; Rec 1 ft mud; IHP 2203, IFP 0-0, ISIP 0, FFP 20-20, FSIP 30, FHP 2173, BHT 113°F.

DEC 13

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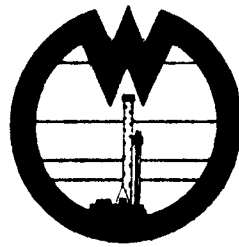
RELEASED

FEB 6 1997

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATE COMMISSION

DEC 23 1995



COPY

WHITE

CONFIDENTIAL

AND ELLIS DRILLING, Inc.

RELEASED

FEB 6 1997

DRILLERS LOG

15-179-21079

Operator: ~~FROM CONFIDENTIAL~~

L. B. Industries, Inc.
12200 E. Briarwood Avenue - #250
Englewood, CO 80112

NOV

DEC 13

Contractor: **White & Ellis Drilling, Inc.**
P. O. Box 48848
Wichita, KS 67201-8848

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Lease Name Werth Well No. 15-33
Spot App. NW SW SE Section 15 Township 10S Range 26W
County Sheridan State Kansas

Casing Record:

Surface: 8 5/8" @ 335' with 225
Production: _____ @ _____ with _____

Type Well: D & A Total Depth 4505'

Drilling Commenced: 11-24-95 Drilling Completed: 12-3-95

<u>Formation</u>	<u>From</u>	<u>To</u>	<u>Tops</u>
Cellar	0	5	Heebner/Toronto
Clay & Shale	5	336	& Lansing 3755
Shales, Clay & Sand	336	865	Lansing 3897
Shale, Sand & Lime	865	1505	Kansas City 3985
Shale, Sand, Red Bed & Lime	1505	2450	Marmaton/ Pawnee/ Ft. Scott 4155
Shale, Sand & Lime	2450	2760	Ft. Scott/Cherokee 4285
Lime & Shale	2760	3250	Ft. Scott 4350
Shale & Lime	3250	3430	Cherokee/Ft. Scott 4450
Lime & Shale	3430	4505	

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