

CONFIDENTIAL RELEASED

OCT 09 1991

SIDE ONE

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

Operator: License # 3680Name: L.B. Industries, Inc.Address 12200 E. Briarwood Ave.,
Suite 250City/State/Zip Englewood, CO 80112Purchaser: NAOperator Contact Person: Teresa JimenezPhone (303) 790-8340Contractor: Name: Beredco, Inc.License: 5147Wellsite Geologist: Soli Shapurji

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ Temp. Abd.☐ Gas ☐ Inj ☐ Delayed Comp.☒ Dry ☐ Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable7/3/907/13/90NA

Spud Date

Date Reached TD

Completion Date

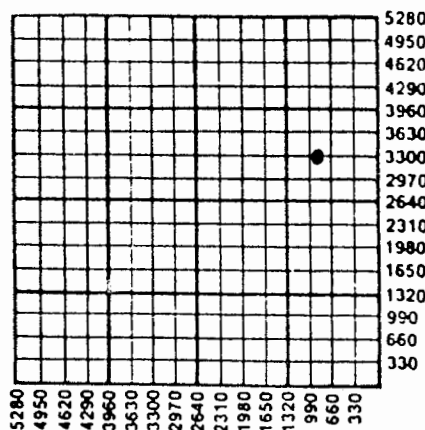
API NO. 15- 187 20,506County Stanton

FROM CONFIDENTIAL

90° E of C

W/2 SE NE Sec. 33 Twp. 30S Rge. 40 ☒ East West3300 Ft. North from Southeast Corner of Section900 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name Herrick Well # 1-33Field Name Will-BrosProducing Formation NAElevation: Ground 3288 KB 3300Total Depth 5600' PBTD NA

0.142 0.040

Amount of Surface Pipe Set and Cemented at 1644 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ NoIf yes, show depth set NA FeetIf Alternate II completion, cement circulated from NA

feet depth to _____ w/ _____ SX cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Teresa Jimenez Teresa Jimenezr: Senior Petroleum Engineer Date 9/20/90Subscribed and sworn to before me this 20th day of September
19 90.Notary Public Peggy Steffin Peggy SteffinDate Commission Expires 7/27/92

K.C.C. OFFICE USE ONLY		
Letter of Confidentiality Attached	☒	
Wireline Log Received	☒	
Drillers Timelog Received	☒	
Distribution		
SWD/Rep	☒	NGPA
Plug	☒	Other (Specify)

SIDE TWO

Operator Name L.B. Industries, Inc. Lease Name Herrick Well # 1-33
 Sec. 33 Twp. 30S Rge. 40 ☐ East County Stanton ☒ 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.)

Formation Description

☐ Log ☐ Sample

Name Top Bottom

SEE ATTACHED

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	12-1/4	8-5/8	24	1644	35-65 Poz	525	6% gel, 2% Ca
					Class H	125	1/4% Floccul
							2% Ca

PERFORATION RECORD

Shots Per Foot 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

☐ Yes ☐ No

Date of First Production

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:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Conningled
☐ Other (Specify) _____

33-30-40W

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L. B. Industries, Inc.
Herrick #1-33
Section 33, T30S, R40W

Stanton County, Kansas FROM CONFIDENTIAL

DST #1

Morrow 'D', 5109'-5137' (30"-60"-30"-90").

Initial Blow: Strong blow built to 3" in 10 minutes, decreased to 1".

ISI: Bled off blow, no blow.

Final Blow: Weak blow, died in 10 minutes.

FSI: No blow.

Recovered 15' of drilling mud. IHP 2501.2#, IFP 35.1-35.1#, ISIP 125.6#,
FFP 35.1-35.1#, FSIP 114.5#, FHP 2441.3#, BHT 119°F.

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STATE CORPORATION COMMISSION

SEP 24 1990

CONSERVATION DIVISION
Wichita, Kansas

CONFIDENTIAL

L. B. Industries, Inc.
Herrick #1-33
Section 33, T30S, R40W

Stanton County, Kansas

FORMATION DESCRIPTION
By Log

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FROM CONFIDENTIAL

<u>Name</u>	<u>Top</u>	<u>Base</u>
Heebner	3684	
Toronto	3701	
Lansing	3739	
Kansas City	4158	4289
Marmaton	4304	
Cherokee	4544	
Atoka	4836	
Morrow	4969	
Morrow G-2	5286	
Morrow Keyes	5360	
Chester	5372	
St. Genevieve	5438	
St. Louis	5522	

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