

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 9835
Name L.B. Petroleum, Inc.
Address 370 17th St. Suite #3200
Denver, Colorado 80202
City/State/Zip

Purchaser: Fina Oil & Chemical Company

Operator Contact Person Layle Robb
Phone (303) 629-1447

Contractor: License # 5883
Name Warrior Drilling Co. Rig 1

Wellsite Geologist Soli Shapurji
Phone (303) 629-1447

Designate Type of Completion

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

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

9-20-85 9/29/85 10/26/85
Spud Date Date Reached TD Completion Date

4700' 4158'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 345' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2558' feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt

API NO. 15-15-193-20,372-0000

County THOMAS

SE SE NW Sec 31 Twp 10S Rge 31 East West

2910 Ft North from Southeast Corner of Section
2950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

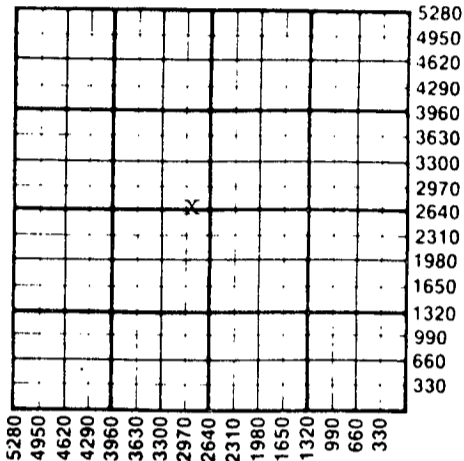
Lease Name Moorhous Well # 31-6

Field Name NA Campus North

Producing Formation Lansing F

Elevation: Ground 3021 KB 3026

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water...Ft North from Southeast Corner (Stream, pond etc.)...Ft West from Southeast Corner Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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
Title Production Manager Date 12/17/85

Subscribed and sworn to before me this 17th day of December 1985

Notary Public Karen L. Robineau

Date Commission Expires March 12, 1985

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
RECEIVED
STATE CORPORATION COMMISSION
DEC 19 1985

Form ACO-1 (7-84)

CONSERVATION DIVISION

12-19-85

Sec 31 Twp 10S Rge 31W

Operator Name L.B. Petroleum, Inc. Lease Name Moorhaus Well # 31-6

Sec. 31 Twp. 10S Rge. 31W East West County Thomas

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

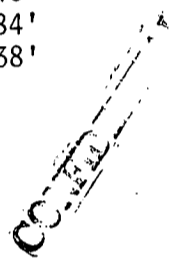
DST #1 4102'-4144' (Lansing) Times: 30,30,60,60.
 Rec 120' oil, 120' MCO, 120' SOCWM, 660' OCW,
 780' wtr. IHP 2177, FHP 2147, IFP 30-30, FFP
 60-60, ISIP 1164, FSIP 1194

DST #2 4183'-4213' (Lansing) Times: 30,30,60,60.
 Rec 70' MW & 300' wtr, IHP 2197, FHP 2177, IFP
 50-51, FFP 121-203, ISIP 637, FSIP 627.

#3 4232'-4270' (Dennis) Times: 30,30,30,30. Rec
 30' mud, IHP 2227, FHP 2207, IFP 50-50, FFP
 50-50, ISIP 60, FSIP 50

#4 4257'-4296' (KC) Times: 30,30,60,60. Rec 30'
 mud, 180' MW, IHP 2219, FHP 2194, IFP 50-71, FFP
 91-142, ISIP 13-23, ISIP 13-13

Name	Top	Bottom
Heebner	4001'	
Lansing	4038'	
BKC	4321'	
Marmaton	4350'	
Altamont	4359'	
Pawnee	4443'	
Myric Station	4489'	
Fort Scott	4511'	
Cherokee	4540'	
Johnson Zone	4584'	
Mississippian	4638'	



RELEASED

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc.								FEB 16 1987 Type and FROM CONFIDENTIAL	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	Used	Backs	Depth	Additives
Surface	12 1/4"	8-5/8"	24#	345'	KB 60/40 poz	200			3% cc, 2% gel
Production	7-7/8"	4 1/2"	11.6 @ 10.5 2ns stage	4202'	KB 60/40 poz	175			10% salt, 3/4% 1# Flocele 2# Gilsonite
PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforated								Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
2 4125'-4128' (8 holes)								150 gal MCA	
TUBING RECORD Size 2-3/8 Set At 4136' Packer at None				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
Date of First Production 10/26/85		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)							
Estimated Production Per 24 Hours		Oil 129 Bbls	Gas TSTM MCF	Water 35 Bbls	Gas-Oil Ratio N/A		Gravity CFPB		

METHOD OF COMPLETION

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify) 4124'-4128'.....
 Dually Completed Commingled

WELL LOG

MOORHAUS #31-6

MOORHAUS #31-6
SE SE NW 31-10S-31W
THOMAS COUNTY, KANSAS

CONFIDENTIAL

OPERATOR: L.B. PETROLEUM, INC.
CONTRACTOR: WARRIOR DRILLING CO. Rig #1
COMMENCED: 9-20-85
COMPLETED: 9-30-85

8 5/8" @ 340' w/200 sks. 60-40 posmix

0	35	Rock
35	320	Surface Clay
320	1745	Sand & Clay
1745	2551	Shale
2551	2588	Anhydrite
2588	3214	Shale
3214	3840	Shale/Lime
3840	4700	Lime
4700		RTD

ran 4 1/2" 11.6# used 8rd LT&C casing
ran 4 1/2" 10.5# new 8rd ST&C casing,
cem w/175 sx. 60-40 posmix 10% salt & 3/4% CFR
cem w/350 sx. light w/ 1/4# sx. flowseal & 7 sx.
per lb. of gilsonite

We certify that the above and foregoing is a true and correct copy of the log on the Moorhaus #31-6 located in Thomas County, Kansas

DEC 30 1985

State Geological Survey
WICHITA BRANCH

WARRIOR DRILLING CO.

F.W. Shelton, Jr.

F.W. Shelton, Jr.
Vice President

RECEIVED
STATE CORPORATION COMMISSION

Subscribed and sworn to before me this 2nd day of October, 1985 ¹⁵ 1985

REGISTRATION DIVISION

MARTHA E. GUSTIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 4-15-89

Martha E. Gustin
Martha E. Gustin Notary

RELEASED

FEB 16 1987

FROM CONFIDENTIAL