

INC 12618
1-26-87
KCC

SIDE ONE

RELEASED

KANSAS CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
FEB 1 1987
WELL COMPLETION OR RECOMPLETION FORM
FROM CONFIDENTIAL ACO-1 WELL HISTORY

API NO. 15-.....15-193-20,372
County.....THOMAS
SE SE NW Sec. 31 Twp. 10S Rge. 31 East West

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 PBD

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

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

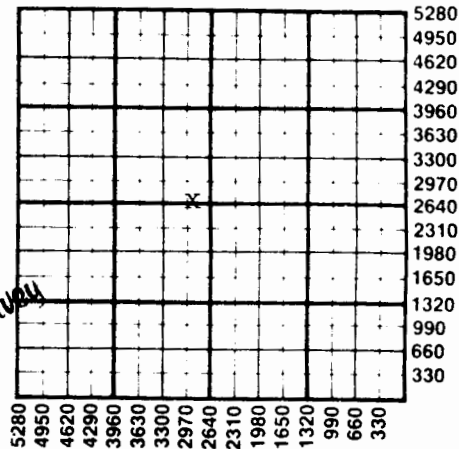
Lease Name Moorhous Well # 31-6

Field Name N/A 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.

SIDE TWO

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

Sec. **31** Twp. **10S** Rce. **31W** County **Thomas**

Estimated Production Per 24 Hours	Oil 129 Bbls	Gas TSTM MCF	Water 35 Bbls	Gas-Oil Ratio N/A CFPB	Gravity
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METHOD OF COMPLETION: East West

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) **4124'-4128'**

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'	



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#	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 @ 2558' KB Lite	60/40 poz	175 350	10% salt, 3/4% 2 7/8" #4 Flocele & Gilsonite

PERFORATION RECORD **Acid, Fracture, Shot, Cement Squeeze Record**

Shots Per Foot	Specify Footage of Each Interval Perforated	(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 Yes No

Date of First Production 10/26/85 Producing Method Flowing Pumping Gas Lift Other (explain).....

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 9 0 1985

State Geological Survey
TOPEKA 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. OCT 9 1985

CONSERVATION DIVISION

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

Martha E. Gustin
Martha E. Gustin Notary