

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 # 8925
Name Liberty Operations & Completions
Address 308 West Mill Inc.
City/State/Zip Plainville, Ks 67663

Purchaser.....

Operator Contact Person Charles G. Comeau
Phone 913-434-4686

Contractor: License # 5665
Name Pioneer Drilling Company, Inc.

Wellsite Geologist Kevin E. Adams
Phone 913-628-6698

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
1-04-85 1-12-85 1-12-85
Spud Date Date Reached TD Completion Date
3540'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 8 5/8" @ 218' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt

API NO. 15-163-22,588-00-00

County Rooks

SW SE NW Sec. 14 Twp. 9S Rge. 17W East West

2970' Ft North from Southeast Corner of Section
3630' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

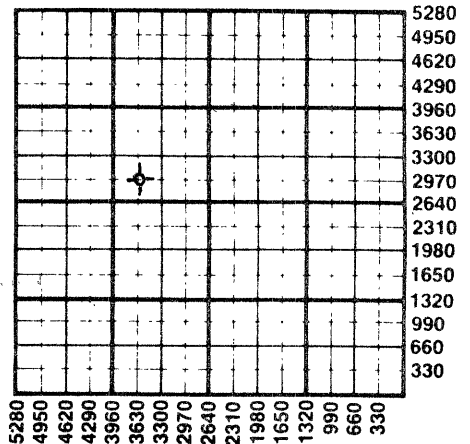
Lease Name Westhusin C Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 2059' KB 2064'

Section Plat



Received
1-30-85
JAN 30 1985

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:

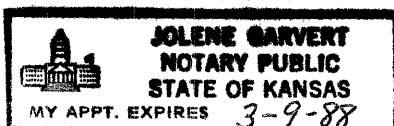
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #.....
 Groundwater.....Ft North from Southeast Corner (Well)Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water 350 Ft North from Southeast Corner (Stream, pond etc) 350 Ft West from Southeast Corner Sec 28 Twp 9 Rge 16 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 Charles G. Comeau
Title Petroleum Geologist Date 1-29-85

Subscribed and sworn to before me this 29th day of January 1985.
Notary Public Jolene Garvert
Date Commission Expires 3-9-88



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

Sec 14 Twp 9 S Rge 17 W

SIDE TWO

Operator Name Liberty Operations & Completions Inc. Lease Name Westhusin "C" Well # 1

Sec. 14 Twp. 9S Rge. 17W East West County Rooks

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: 3445-3490/30-60-60-60. Blow-IF weak, slowly dechr., FF died after 5 min., flushed tool blow returned, very weak but steady. IF 33-41, FF 50-58, Shut-in 833-734. Recovered 20' free oil, 10' mud cut oil, 50' oil cut mud.

| Name | Top | Bottom |
|----------------|-------|--------|
| sand and shale | 0' | 220' |
| shale and sand | 220' | 870' |
| shale and sand | 870' | 1314' |
| anhydrite | 1314' | 1349' |
| shale and sand | 1349' | 1828' |
| shale | 1828' | 2005' |
| shale | 2005' | 2239' |
| lime and shale | 2239' | 2436' |
| lime and shale | 2436' | 2580' |
| lime and shale | 2580' | 2809' |
| lime and shale | 2809' | 2953' |
| lime and shale | 2953' | 3115' |
| lime and shale | 3115' | 3213' |
| lime and shale | 3213' | 3265' |
| lime and shale | 3265' | 3355' |
| lime and shale | 3355' | 3385' |
| lime and shale | 3385' | 3421' |
| lime and shale | 3421' | 3473' |
| lime and shale | 3473' | 3490' |
| lime and shale | 3490' | 3540' |
| | 3540' | R.T.D. |

LOG TOPS

| | | |
|-----------|------|---------|
| Anhydrite | 1311 | (+753) |
| Topeka | 2952 | (-888) |
| Heebner | 3169 | (-1105) |
| Toronto | 3190 | (-1126) |
| Lansing | 3210 | (-1146) |
| Base/KC | 3448 | (-1384) |
| Arbuckle | 3517 | (-1453) |

| CASING RECORD <input checked="" 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 Casing | 12 1/4" | 8 5/8" | 20# | 218' | 60-40pos | 140sx | 3%cc 2%gel |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Date of First Production | 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 | Gas | Water | Gas-Oil Ratio | | Gravity | |
| | Bbls | MCF | Bbls | CFPB | | | |

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

