

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, Inc.  
Address 308 West Mill  
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 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  
5-20-85 5-27-85 5-27-85  
Spud Date Date Reached TD Completion Date  
3540'  
Total Depth PBTD  
8 5/8" @ 261'

Amount of Surface Pipe Set and Cemented at.....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. 15-163-22,678  
County Rooks  
NW SW NE Sec. 20 Twp. 8S Rge. 18  East  West

3630' Ft North from Southeast Corner of Section  
2310' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

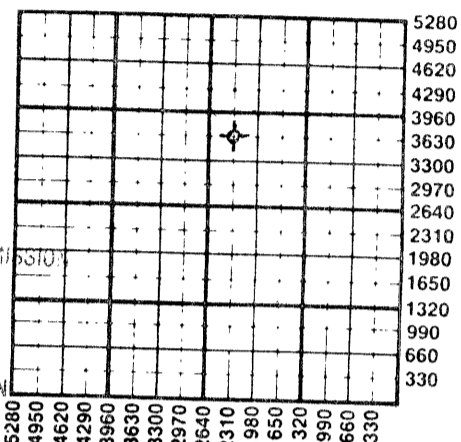
Lease Name Carsten Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 2028' KB 2033'

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: Russell Bouchey  
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.

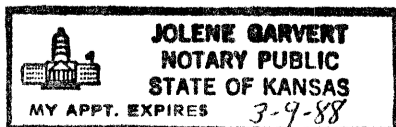
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Charles G. Comeau  
Title Petroleum Geologist Date 5-31-85

Subscribed and sworn to before me this 31<sup>st</sup> day of May 19.85  
Notary Public Jolene Garvert

Date Commission Expires 3-9-88

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)



15-163-22678-00-00

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name Carsten Well # 1

Sec. 20 Twp. 8S Rge. 18 East West County Rocks

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 [X] Yes [ ] No
Samples Sent to Geological Survey [ ] Yes [X] No
Cores Taken [ ] Yes [X] No

Formation Description [X] Log [ ] Sample

DST #1: 3234-3303'/30-60-60-60. Blow fair throughout test. IF 109-134, FF 168-210, Shut-in 1117-932. Rec. 400' muddy water.

DST #2: 3376-3419'/30-30-30-30. Blow IF-weak, died in 15 min., FF-dead, flushed no return. IF 42-50, FF 50-56, Shut-in 84-67. Rec. 20' oil-spotted mud.

DST #3: 3464-3479'/30-30-30-30. Blow IF-weak, died in 10 min. FF-dead, flushed, no return. IF 25-30, FF 30-34, Shut-in 42-42. Rec. 10' oil-spotted mud.

Table with 3 columns: Name, Top, Bottom. Lists geological formations like sand and shale, anhydrite, shale, etc. with depth intervals.

LOG TOPS

Table with 3 columns: Formation Name, Depth, and Value. Lists Anhydrite, Topeka, Heebner, Toronto, Lansing/KC, Base/KC, Arbuckle.

CASING RECORD [X] New [ ] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table for Casing Record with columns: Purpose of String, Size Hole, Size Casing, Weight, Setting, Type of Cement, #Sacks, Type and Percent Additives.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table for Perforation Record with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, (Amount and Kind of Material Used), Depth.

TUBING RECORD Size Set At Packer at Liner Run [ ] Yes [ ] No

RELEASED

Date of First Production Producing Method [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain)

Table for Estimated Production with columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Includes handwritten date 9-10-86.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [ ] Vented [ ] Sold [ ] Used on Lease [ ] Open Hole [ ] Perforation [ ] Other (Specify)

[ ] Dually Completed

