

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 Farmland Industries, Inc.  
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

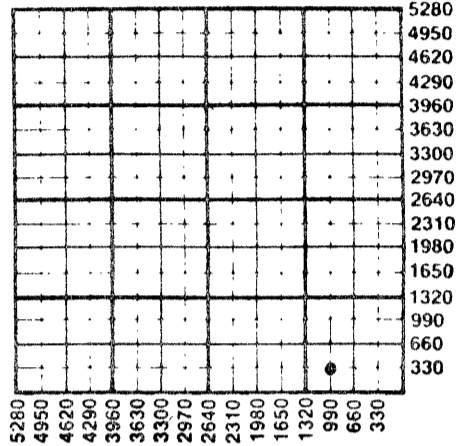
WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
12-21-85 1-05-86 1-17-86  
Spud Date Date Reached TD Completion Date  
3763' 3739'  
Total Depth PBTD 8 5/8" @ 262'  
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 3762 feet depth to surface w/.....SX cmt  
Cement Company Name Halliburton Services  
Invoice # 097858 w/Econo-lite cement

API NO. 15-163-22,848 -0000  
County Rooks  
SW SE SE 17 6s 20 East  
..... West  
330 Ft North from Southeast Corner of Section  
990 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Freeman Well # 2  
Field Name TODD, NE  
Producing Formation Arbuckle & Topeka  
Elevation: Ground 2227' KB 2232'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

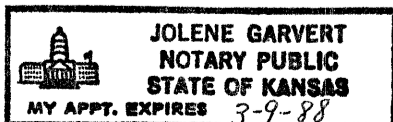
Questions on this portion of the ACO-1 call:

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 4950 Ft North from Southeast Corner  
(Stream, pond etc) 4620 Ft West from Southeast Corner  
Sec 21 Twp 6S Rge 20 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 1-28-86  
Subscribed and sworn to before me this 28th day of January 1986  
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)

JAN 29 1986  
29-86

Sec. 17, Twp. 6 S, Rge. 20 E

SIDE TWO

Operator Name Liberty Operations & Completions, Inc. Lease Name Freeman Well # 2

Sec. 17 Twp. 6s Rge. 20 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 [X] Yes [ ] No
Samples Sent to Geological Survey [ ] Yes [X] No
Cores Taken [ ] Yes [X] No

Formation Description [X] Log [ ] Sample

DST #1: 3671-3703'/30-30-30-30. Recovered 5' drilling mud. IF: 42-50, FF:59-67, SIP: 486-386.

LOG TOPS

Anhydrite 1842 (+390)
Topeka 3238 (-1006)
Heebner 3445 (-1213)
Toronto 3468 (-1236)
Lansing/KC 3480 (-1248)
Base/KC 3677 (-1445)
Marmaton 3698 (-1466)
Arbuckle 3712 (-1480)

Table with 3 columns: Name, Top, Bottom. Lists geological formations like sand and shale, anhydrite, shale, lime and shale, etc., with their respective top and bottom depths.

RELEASED 5-11-87 MAY 11 1987

Form containing sections: CASING RECORD, PERFORATION RECORD, TUBING RECORD, and production data. Includes fields for Purpose of String, Size Hole, Size Casing, Weight, Setting Depth, Type of Cement, #Sacks Used, and Perforation details.

FROM CONFIDENTIAL

METHOD OF COMPLETION: Disposition of gas: [X] Vented, [ ] Open Hole, [X] Perforation, [ ] Other (Specify) 3402-3724'
Production Interval: 3402-3724'

