

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 # 7149  
Name Cherokee Operating Company  
Address 400 S. Boston, St. 1200  
Tulsa, OK 74103  
City/State/Zip

Purchaser

Operator Contact Person G. M. Canaday  
Phone 918-583-0273

Contractor: License # 6033  
Name Murfin Drilling Company

Wellsite Geologist Charles Schwartz  
Phone (316) 262-1729

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)  
If ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
10-24-88 11-2-88 12/7/88  
Spud Date Date Reached TD Completion Date  
5350'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 386 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  
Cement Company Name  
Invoice #  
BTR DTD

API NO. 15-199-20,164-00-00  
County Wallace  
NW NE NW Sec. 24 Twp. 14S 41W East West  
4950 Ft North from Southeast Corner of Section  
3405 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

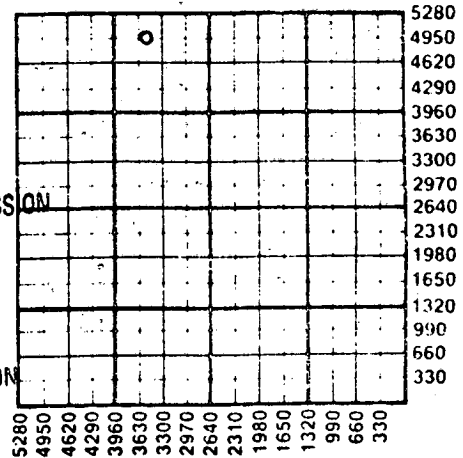
Lease Name Frank Well # 1

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 3728' KB 3733

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
WICHITA, KANSAS  
DEC 8 1988  
12-08-88  
CONSERVATION DIVISION

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: Hauled.  
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

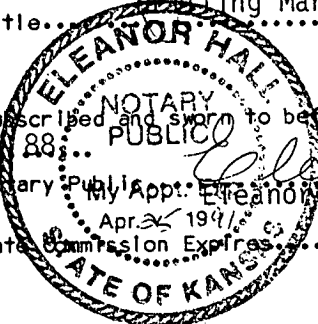
Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 [Signature]  
Title Drilling Manager Date 11-8-88

Subscribed and sworn to before me this 11 day of November 1988.  
Notary Public Eleanor Hall, Notary Public  
Apr 25 1991  
Date Commission Expires 4-25-91



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)  
12-8-88 X [Signature]

Sec 57 Twp 4 Rge 41 W

Operator Name Cherokee Operating Company Lease Name Frank Well # 1

Sec 24 Twp 14S Rge 41W East West County Wallace RELEASED

MAR 0 7 1990

WELL LOG

FROM CONFIDENTIAL

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 [X] Yes [ ] No
Cores Taken [ ] Yes [X] No

DST #1 (4200'-4232')
30"-60" - 45"-90", IFP: Strong blow - 1"
FFP: Strong blow - 3"; Rec 90' MW + 2440'
Sulfur water Cl=15,000 ppm. IH 1953,
IF 328-933, ISIP 1161, FF 1026-1182, FSIP 1182, FH 1953 BHT=123°F.

DST #2 (5158'-5210')
30'-45'-30'-90', IFP: Immediate blow, died
in 26 min, FFP-no blow, Rec: 186' WCM (25%
water) 2389' W, Cl=7200, IH 2746, IF 1016-
1116, ISIP 1116, FF 1116-1116, FSIP 1116,
FH 2540 BHT 126°F

Formation Description
[X] Log [ ] Sample

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, Foraker, Topeka, Heebner Sh., Lansing, BKC, Marmaton, Cherokee Sh., Morrow Sh., Mississippi, TD.

CASING RECORD [X] New [ ] Used

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

Table with 8 columns: 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.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table with 4 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

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

Table with 6 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity, Estimated Production Per 24 Hours.

METHOD OF COMPLETION

Production Interval

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