

SIDE ONE

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 # ...5140
Name ...Frontier Oil Company
Address 125 N. Market, Ste...1720
City/State/Zip ...Wichita, Kansas...67202

Purchaser...Koch Oil Company
...Wichita, Kansas

Operator Contact Person ...Jean Angle
Phone ...316-263-1201

Contractor: License # ...5302
Name ...Red Tiger Drilling Company

Wellsite Geologist...Richard D. Parker
Phone...913-483-5348

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If **OWHO**: old well info as follows:
Operator
Well Name
Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
8-13-88 8-19-88 10-19-88
Spud Date Date Reached TD Completion Date
3550 N/A
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 226 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 #
N/A

API NO. 15-...159-22,244
County...Rice
SE. SE. SE. Sec 29. Twp 21. Rge. 9W. East
X West
330 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name...Wellman Well # 1
Field Name...Alden West
Producing Formation...Simpson
Elevation: Ground...1699 KB...1706 KB

Section Plat

Table with 10 columns and 10 rows representing a section plat. The right side of the table is labeled with elevations from 5280 to 330. The bottom of the table is labeled with elevations from 5280 to 330.

RECEIVED
STATE CORPORATION COMMISSION

NOV 15 1988

CONSERVATION DIVISION
Wichita Kansas

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 #...88-414

Groundwater...300 Ft North from Southeast Corner
(Well) ...350 Ft West from Southeast Corner of
Sec 29 Twp 21 Rge 9 W East X 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 ...Jean Angle
Title...Agent Date 11-14-88

Subscribed and sworn to before me this 14th day of November 1988
Notary Public...D. Ann Brennan

Date Commission Expires



K-C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
11-15-88

Sec 29 Twp 21 Rge 9W

Operator Name Frontier Oil Company Lease Name Wellman Well # 1

Sec. 29 Twp. 21 Rge. 9 W. County Rice

RELEASED MAR 07 1990

CONFIDENTIAL

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. No Log

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

Formation Description [] Log [X] Sample

DST #1 (3034-60) 60-30-60-30. 1st op - wk inc. to fair blow. 2nd op - fair inc. to good blow. Rec. 340' GIP, 20' GOCM IF & FF 21-21 ISIP & FSIP 93.
DST #2 (3526-3550) 60-60-60-60. 1st op - strong blow - GTS in 30". GA 24,000 CFGPD in 45" to TSTM in 60 minutes. 2nd op - strong blow - TSTM. Rec. 575' Fl. consisting of 20' GM, 251' GMDWCM 62' GMDWCM, 62' GO&WCM, 180' O Spkd WM. IF 72-145 FF 196-217 ISIP & FSIP 929

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, Topeka, Heenber, Toronto, Brown Lime, Lansing, Base Kansas City, Kinderhook Shale, Misener Sand, Viola, Simpson Shale, Simpson Sand, RTD.

CASING RECORD [] 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. Rows for Surface and Production.

PERFORATION RECORD and Acid, Fracture, Shot, Cement Squeeze Record. Includes Shots Per Foot, Specify Footage of Each Interval Perforated, and material used details.

TUBING RECORD. Size 2-3/8", Set At 3516, Packer at N/A, Liner Run N/A.

Date of First Production 10-19-88 Producing Method [] Flowing [X] Pumping [] Gas Lift [] Other (explain)

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

METHOD OF COMPLETION Production Interval

Disposition of gas: [] Vented [] Sold [] Used on Lease [] Open Hole [X] Perforation [] Other (Specify) 3540-52
N/A [] Dually Completed [] Commingled