

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 N/A

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
X New Well Re-Entry Workover
Oil SWD Temp Abd
Gas Inj Delayed Comp.
X 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:
X Mud Rotary Air Rotary Cable
3-18-89 3-28-89 3-29-89
Spud Date Date Reached TD Completion Date
4724 N/A
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 330 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name
Invoice # A I H D F A

API NO. 15-109-20,472
County Logan
SW SW SW Sec. 35 Twp. 11 Rge. 34 East West

330 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

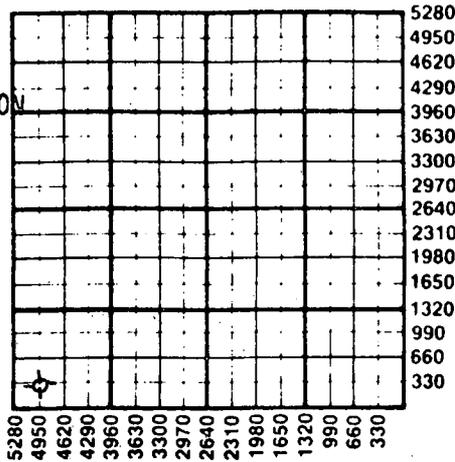
Lease Name Nollette Well # 1

Field Name Elaine Ext

Producing Formation N/A

Elevation: Ground 3206 KB 3211

Section Plat



RECEIVED
APR 24 1989
4-24-1989
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 # 89-125

X Groundwater 300 Ft North from Southeast Corner
(Well) 5000 Ft West from Southeast Corner of
Sec 35 Twp 11 Rge 34 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 Jean Angle
Title Agent Date 4-21-89

Subscribed and sworn to before me this 21st day of April 1989
Notary Public D. Ann Drennan
Date Commission Expires 2-10-90

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)
4-24-89
Form ACO-1 (5-86)

Sec 35 Twp 11 Rge 34 E

SIDE TWO

Operator Name Frontier Oil Company Lease Name Nollette Well # 1

Sec. 35 Twp. 11 Rge. 34W East West County Logan

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 (4194-4234) 60-30-30-30. 1st op - gd blo. 2nd op - wk blo. Rec. 460' MSW IF 71-190 FF 214-250 ISIP & FSIP 1245
 DST #2 (4268-4310) 60-30-60-30. 1st op - wk inc. to strong blo. 2nd op - wk inc. to strong blo. Rec. 930' SW. IF 48-298 FF 333-464 ISIP 1304 FSIP 1292
 DST #3 (4310-4342) 30-30-30-30 1st op - wk blo 2nd op - no blo flushed tool. - wk blo 13". Rec. 30 M, IF 48-48 FF 48-59 ISIP 547 FSIP 524
 DST #4 (4349-4420) 30-30-30-30 1st op - wk blo 2nd op - no blo. Rec. 10' M IF & FF 71-71 ISIP 1198 FSIP 1068
 DST #5 (4610-4646) 30-30-30-30 1st op - wk blo 15" 2nd op - no blo. Rec. 5' SOCM IF & FF 47-47 ISIP 190 FSIP 83

Name	Top	Bottom
Anhydrite	2673	+ 538
Heebner	4083	- 872
Toronto	4111	- 900
Lansing-Kansas City	4127	- 916
Base of Kansas City	4426	- 1215
Marmaton	4458	- 1247
Pawnee	4562	- 1351
Fort Scott	4622	- 1411
Cherokee	4652	- 1441
Johnson	4696	- 1485
RTD	4724	- 1513

CASING RECORD <input type="checkbox"/> New <input checked="" 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	12"	8 5/8"	used 20%	330	60-50 POZ	195	2% gel. 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
N/A							
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
N/A							
Date of First Production	Producing Method						
N/A	<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