

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.....
.....Wichita, Kansas..67202.....
City/State/Zip

Purchaser..N/A.....
.....

Operator Contact PersonJean Angle.....
Phone .316-263-1201.....

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

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 OWD: old well info as follows:

Operator
Well Name
Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

06-88 2-13-88 2-13-88
.....
Spud Date Date Reached TD Completion Date

3887 N/A
.....
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 219 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 #

API NO. 15-.....195-21,962.....

County.....Trego.....

NW.NE.NW Sec. 12 Twp. 11S. Rge.23W East
West

4950 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

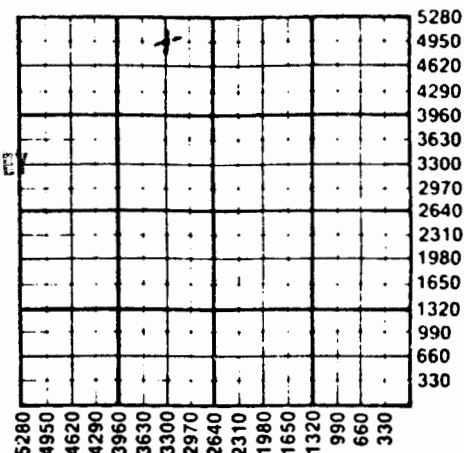
Lease Name.....Howat.....Well #....1....

Field Name.....Ninemire Ext.....

Producing Formation.....N/A.....

Elevation: Ground.....2245.....KB....2250.....

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 #...88-66.....

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

☒ Surface Water 300..Ft North from Southeast Corner
(Stream, pond etc) 5100..Ft West from Southeast Corner
Sec 8 Twp 11 Rge 22W ~~23W~~ 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.

Operator Name Frontier Oil Company Lease Name Howat Well # 1

Sec 12 Twp 11 Rge 23 ☐ East
☒ West County Trego

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. (No log run)

Drill Stem Tests Taken ☒ Yes ☐ No
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☐ Yes ☒ No

Formation Description
☐ Log ☒ Sample

DAI# (3664-3705) 30-30-30-30
 1st op - wi blo 20" 2nd op - no blo
 Rec. 10' M IF & FF 72-72 ISIP 93
 FSIP 93

Name	Top	Bottom
Anhydrite	1733	+ 517
Topeka	3260	-1010
Heebner	3479	-1229
Toronto	3503	-1253
Lansing-Kansas City	3519	-1269
Base of Kansas	3744	-1494
Marmaton	3843	-1593
RTD	3887	-1637

CASING RECORD ☒ New ☐ 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 1/4"	8 5/8"	20#	219	60-40 poz	145	3% gel, 3% c.c.

PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record	
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
N/A						
Date of First Production	Producing Method					
	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....					
	Oil	Gas	Water			