



RUPE OIL COMPANY

ANDREWS #1 - 75' Northeast of E/2 NW SE of Section 4-17S-8W, Ellsworth County, Kansas

COPY

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Drilling Contractor: Red Tiger Drilling Company
Wichita, Kansas
Geologist: Dick Foley
Wichita, Kansas

April 9, 1973 - Filed "Intent to Drill" with State Corporation Commission.
Ordered staking of location and elevation to be run by Laughlin-Simmons.
April 11, 1973 - Laughlin-Simmon has location staked and Ground Elevation is 1747'
and Kelly Bushing 1752'

April 13, 1973 - Drilling Contractor to move in Monday, April 16, 1973.
April 16, 1973 - Big rain over week end--Drilling Contractor plans to move in tomorrow.
April 17, 1973 - Moved in Rotary Tools, rigged up.
April 18, 1973 - Spudded and set 8 5/8" Surface Casing at 386' cemented with 225 Sacks
Cement, 3% Calcium Chloride. ANHYDRITE 364' - 375'

April 19, 1973 - Drilling at 1265' at 7:00 a.m.
Took Drill Stem Test #1 from 1220' to 1265'. Tool open 30 minutes, shut in
30 minutes, open 30 minutes, shut in 30 minutes. Had weak blow and died
in 15 minutes. Recovered 5' Mud.
Initial Flow Pressure 8#
Final Flow Pressure 8#
Initial Shut In Pressure 21#
Final Shut In Pressure 21#

The Gas Detector gauged 12 to 15 Units of gas.

HOLLENBERG LIMESTONE 1179' or +573'
HERRING 1218' or +534'
KRIDER 1242' or +510'
WINFIELD 1267' or +485'

Drilling on to the WREFORD LIME.
April 20, 1973 - Drilling at 1425' at 7:00 a.m.
Took Drill Stem Test #2 from 1275' to 1320'. Tool open 30 minutes, shut in
45 minutes, open 60 minutes, shut in 45 minutes. 120' gas in pipe.
Recovered 40' Mud.
Initial Flow Pressure 8#
Final Flow Pressure 25#
Initial Shut In Pressure 71#
Final Shut in Pressure 71#

Took Drill Stem Test #3 from 1335' to 1360'. Tool open 30 minutes, shut in
45 minutes, open 60 minutes, shut in 60 minutes. Got gas to surface, but
not enough to measure. Recovered 90' thin Mud.
Initial Flow Pressure 16#
Final Flow Pressure 41#
Initial Shut In Pressure 318#
Final Shut In Pressure 326#

TOWANDA 1333' or +419'
FORT RILEY 1369' or +383'
FLORENCE 1426' or +826'

April 21, 1973 - Drilling at 2005' at 7:00 a.m.
April 22, 1973 - Drilling at 2454' at 7:00 a.m.
April 23, 1973 - Drilling at 2730' at 7:00 a.m.

HEEBNER 2670' or -918
TORONTO 2692' or -943
DOUGLAS 2703' or -951
BROWN LIME 2789' or -1037
LANSING 2808' or -1056'

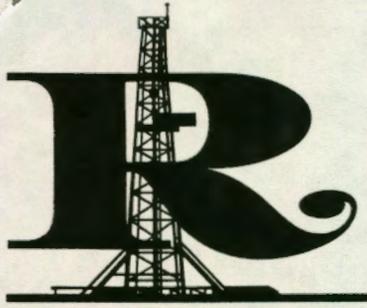
4:00 p.m.

Preparing to take Drill Stem Test #4 from 2823' to 2845'

April 24, 1973 - Circulating at 2920' at 7:00 a.m.
Drill Stem Test #4 was taken from 2823' to 2845'. Tool open 30 minutes, shut in
45 minutes, open 60 minutes, shut in 60 minutes. Gas to surface in 20 minutes.
Recovered 60' Gas Cut Mud. Initial Flow Pressure 16# to 25#
Final Flow Pressure 25# to 33#
Initial Shut In Pressure 838#
Final Shut In Pressure 729#

3:00 p.m. - Logging now--will call you tomorrow of our decision.

April 25, 1973 - Red Tiger set 5 1/2" 15# (51 Jts.) at 1590' cemented with 150 sacks 60-40 Pozmix
Waiting on Cement.



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ANDREWS #1 - 75' Northeast of E/2 NW SE of Section 4-17S-8W, Ellsworth County, Kansas

- April 30, 1973 - We enclose Xerox copy of the Electric Log run on the above mentioned Well, showing tests of the Chase Group. Our main Zones were tested. Drill Stem Test #3 from 1335' to 1350' in the Towanda Zone has approximately 27' of pay. We will be moving in tools tomorrow to test the Well and will keep you advised as to our progress.
- May 4, 1973 - Due to the weather did not move in Drill in Unit until today. Perforated from 1333' to 1343' and 1346' to 1352' as per Correlation Log (2 holes per foot).
- May 5, 1973 - Acidized with 1000 gals. Acid. Maximum pressure 850#. Minimum pressure 350#. 20 minutes shut in pressure 175#. Swabbed back the load. Had a show of gas--too small to measure.
- May 6, 1973 - Blew Well down--took 5 minutes. No pressure readings. Had 300' fluid in the hole. Swabbed down. Shut Well in. Built up 100# Pressure in 2 hours. Swabbed down. Had 175' fluid over the perforations. Acidized with 1000 gals. Acid. Maximum pressure 200#. Minimum pressure 150#. Took 3½ hours to soak treatment in--Swabbed back load. Got increase of gas--no gauge yet. Shut the Well in--chained and locked it up.
- R A I N E D
- May 7, 1973 - Well shut in because of rain.
- May 8, 1973 - Shut in pressure this morning 325#. Took 8 minutes to blow the Well down. Found 200' fluid over the perforations. Will be testing today.
- May 22, 1973 - Re-acidized with 3500 gals. 15% Acid and 106,000 cu. ft. Nitrogen. The Nitrogen was pumped in with the Acid and which expanded approximately 2½, making this equivalent to 10,000 gals. of Acid. The Nitrogen helps to flow back the oil and mud emulsion in the Well. Averaged 1 bbl. per min and approximately 875# maximum pressure. Average treating pressure 800# and 250# minimum. After treating the Well had 625# pressure--after 28 minutes dropped to 600#. Started flowing the Well back at 3:00 p.m. and had about one-half of the load back by 6:00 p.m., and at 9:00 p.m. were unloading the Acid Water by heads. We let the Well "wide open" for 39 hrs. and tested at 5:30 a.m. this morning(5/24)--it flowed back at the rate of 125,000 cu. ft. per day. It has a small stream of fluid with it and would estimate approximately 1 barrel per day, but we probably are still getting back some Acid Water. The Well was flowing "open" with 50# Casing Pressure. After shutting it in:

	<u>Tubing Pressure</u>	<u>Casing Pressure</u>
10 minutes	80#	100#
20 minutes	100#	120#
30 minutes	120#	140#

This is the story as of now. We have shut the Well in and will continue blowing it this next week and run some more tests.

