25-21-19w
SE. SE. NW.

January 6, 1956

Welch & Olsson Drilling Co., Inc.
203 Rule Building
Wichita, Kansas

Gentlemen:

The following is a Sample Analysis Report and Drilling Time Log on your No. 1 Proffitt, Wildcat, Pawnee County, Kansas.

All formation tops and porosity tops were determined from sample analysis and time log interpretations and are corrected to the rotary bushing measurements.

Samples and drilling time were examined from 3500' to total depth. The well was under geological supervision from 4100' to total depth.

WELL DESCRIPTION

Operator	Welch & Olsson Drlg.	Commenced Drilling:	12-9-55
Farm	Proffitt	Completed Drilling:	12-22-55
Well No.	1	Casing	8 5/8" @ 190' w/175 sacks
Location	SE SE NW 25-21-19W	Mud (Gaso)	Starch Base
Elevation	2066 D. F. 2068 K. B.	Contractor	Co. Tools Rig #2

FORMATION TOPS

Heebner	3602	(-1534)
Lansing-Kansas City	3677	(-1609)
Conglomerate-Shaley	4138	(-2070)
Conglomerate-Cherty	4170	(-2102)
Mississippi	4235	(-2167)
Kinderhook	4312	(-2244)
Viola Lime	4333	(-2265)

FORMATION DESCRIPTION

LANSING-KANSAS CITY 3677 (-1609): The following zones of porosity were noted within this section:

3773-92 Limestone, tan to buff and cream, oolicastic, good vugular porosity, in part cherty, no shows of oil.

3889-3900 Limestone, tan to buff, oolitic and oolicastic, good vugular porosity, trace chert, no shows of oil.

CONGLOMERATE-SHALEY 4138 (-2070):

4138-66 Shaley, grey to green and maroon, soft shale, with scattered orange chert, some tan fine crystalline lime, slight trace fine grained reddish sand, samples very shaley, no shows of oil.

CONGLOMERATE-SHALEY (continued):

4166-70 Chert, vari-colored, opaque, dense, fairly fresh, no shows in chert, samples still shaley.

CONGLOMERATE-CHERTY 4170 (-2102):

4170-80 Chert, vari-colored, opaque, fairly fresh, scattered porosity, light fluorescence, questionable light oder, no free oil, very scattered light staining, chert clean.

Drill Stem Test No. 1
Miller-Donelson Tool
Depth: 4171-80
Tool Open 1 hour - Shut in 30 minutes
Blow: Weak throughout test
Recovery: 120' watery mud, no shows
Initial Flow Pressure: 0#; Final Flow Pressure: 40#
Bottom Hole Pressure: 1360#

4180-86 Chert as above,

4186-4200 Chert as above, with an increase in gray, green and maroon shales, no shows of oil.

4200-06 Shaley sand, tan to buff and gray sand, very shaley poorly developed, no shows of oil.

4206-35 Shaley chert, still vari-colored chert, with some white rotten chert, large per-cent red to gray shale in samples; trace fine crystalline to dense lime, no shows of oil.

MISSISSIPPIAN 4235 (-2167):

4235-63 Chert, white, tripolitic, decayed and rotten, good pin point porosity, trace buff fresh chert, no shows of oil, chert clean.

4263-4312 Chert, milky white, opaque, sharp, blocky, angular, fresh, no visible porosity, no shows of oil. Chert clean.

KINDERHOOK 4312 (-2244):

4312-20 Shale, gray green, and maroon, fairly soft and unconsolidated. Still some chert in samples (probably sluff).

4320-24 Shaley sand, shale as above, with trace fine grained tan to colorless poorly sorted shaley sand, no shows of oil, samples very shaley.

KINDERHOOK (continued):

4328-29 Shale, same as above.

4329-33 Sand, white to clear, colorless, loosely cemented, large grained quartz sand, good porosity, no shows of oil.

VIOLA LIMESTONE 4333 (-2265):

4333-55 Limestone, white to cream, coarsely crystalline, good porosity, no shows of oil, with some white to tan opaque chert and cherty limestone.

Total Depth: 4355 (-2287)

RECOMMENDATIONS AND COMMENTS

1. All formations to the top of the Cherty Conglomerate were void of any shows of oil.

2. The top of the Cherty Conglomerate had a very light show of oil. Drill Stem Test No. 1 covered this section; the results being negative.

3. The Mississippi, Kinderhook and Viola Lime were absent of any shows of oil.

4. The well was recommended to be plugged on the above statement of facts.

Respectfully submitted,

V. Richard Hoover

V. Richard Hoover, Geologist

VRH/ds