

11-35-2E

W. VERNON HESS
PETROLEUM GEOLOGIST
WICHITA, KANSAS

A. C. Lawson et al Anderson-Wood #2
SW-SE-R-W 11-35-2E
Sumner County, Kansas.

Contractor: H. J. Uhl
Commenced: December 16, 1954
Completed: December 28, 1954
Elevation: 1218 K.B.

Formation tops and zones of porosity as determined by
sample examination, drilling time and Schlumberger
Electrical log are described as follows:

Stalnaker sand 2390 (-1172)

2390-2416 Sand, white, fine grained, fair porosity, no show. (Indicated water bearing.)

Layton sand 2804 (-1586)

2804-10 Sand, gray, fine grained shaley, no show.
2810-22 Sand, white, medium grained, good porosity, good odor of gas, very slight
stain, no free oil.
2822-2895 Sand, white, medium grained, good porosity, no show. (Water sand.)
2918-34 Sand, white, fine grained, silty, poor porosity, no show.
2944-54 Sand, white, fine grained, silty, poor porosity, no show.
3012-16 Sand, gray, limey, poor porosity, fair odor, no show. (Indicated as water
bearing.)

Kansas City lime 3034 (-1816)

Cleveland 3130 (-1912)

3130-34 Sand, white, fine grained, poor porosity, no show of oil, good gas odor.
3134-56 Sandy lime, poor porosity, no show.
3156-90 Sandy lime and sand, white, medium grained, glauconitis interbedded with
gray shale, poor to fair porosity, very slight spotted stain and faint odor.

Oswego lime 3204 (-1986)

Bartlesville 3483 (-2265)

3486-98 Sand, white, fine grained, silty poor porosity, trace light stain, no odor.
3498-3503 Sand, white, fine grained, silty poor porosity, trace light stain, no odor.
3510-25 Sand gray, fine grained, fair porosity, light odor, no stain.

Mississippi chert 3527 (-2309)

3527-39 Chert, white, fresh, no stain, no odor.

R.T.D. 3539 (-2321).

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REMARKS

The A. C. Lawson #2 Anderson-Wood is structurally a few feet lower on all correlated formation tops than the #1 Anderson-Wood, the west offset Bartlesville sand producer, and is lower than several dry holes to the north and east. The Bartlesville sand datum of (-2265) is six feet higher than a Bartlesville sand well two locations to the south. All datums are twenty to thirty feet lower than producing chat and sand wells in the Vernon North pool, adjoining to the south.

As previously indicated, a good odor of gas was found in the upper ten feet of the Layton sand with very faint shows of gas in the Cleveland sand and Bartlesville sands. Inasmuch as poor porosity and no shows of oil were present, no drill stem tests were made. At the total depth of 3635, a penetration of twelve feet in the Mississippi chat, a Schlumberger Electrical Log Survey was made. Interpretation of the log indicated all porous zones to carry water with the exception of the upper Layton sand. Altho this section could produce commercial gas, it was not considered profitable to complete the well for this production alone, consequently, the test was plugged and abandoned.

W. Vernon Hess.