

E. H. Adair Oil Company
1005 East Second Street
Wichita, Kansas

Lee Phillips Oil Company and
E. H. Adair Oil Company
Ladd - #3
App SE NW NW (1220 FWL & 954 FNL of NW/4)
Sec. 19-25-9E
Greenwood County, Kansas

Comm: 7-5-64
Comp: 7-11-64
Contractor:
Eureka Drilling Co.
8-5/8 @ 40 ft. w/12 SX
5-1/2 @ 2,491 ft.
w/50 SX

Elevation 1435 K. B.

GEOLOGICAL REPORT

DOUGLAS SAND 1281 (+154)

1281-1369: Sand, white-light gray, fine grained and slightly micaceous.
No show of oil.

1419-1528: Sand, white, fine to medium grained. Sub-round and porous.
No show of oil.

LANSING 1528 (-93)

There were no well developed zones of porosity or shows of oil in the
Lansing Section.

KANSAS CITY 1823 (-388)

The Kansas City consisted of white, cream and light tan, fine to medium
crystalline limestone with thin streaks of gray and dark gray shale.
There were no shows of oil.

BASE KANSAS CITY 2017 (-582)

CATTLEMAN SAND 2390 (-955)

2390-93: Sand, white, fine grained and tight. Fair odor, some fluorescence
and slight trace of free oil.

UPPER BARTLESVILLE SAND 2410 (-975)

2410-13: Sand, gray, fine grained, faint odor, good fluorescence and fair
show of free oil.

Core #1: 2413-32

2413-15: Sand, light gray-green, fine grained and micaceous.
Thin bands of gray shale. No show of oil.

2415-16: Sand, gray-green, fine grained and micaceous. Fair
odor and fair saturation. Thin streaks of gray shale.

2416-18: Sand as from 2413-15.

2418-21: Shale, gray and dark gray.

2421-22: Shale, black.

2422-26: Shale, dark gray, few thin bands of fine grained
milly sand.

2426-29: Shale, black.

2429-32: No Recovery.

LOWER BARTLESVILLE SAND 2489 (-1054)

2489-91: Sand, gray, fine grained, fair odor, good fluorescence and good show of free oil.

Core #2: 2491-2506

2491-94: Sand, light gray, fine grained, good odor and good saturation. Few very thin bands of shale.

2494-95: Gray, silty shale.

2495-96: Seven inches of gray, fine grained sand. Good odor and saturation. Bleeding oil.

2496-2506: Shale, gray and green.

Core Analysis results:

<u>Depth</u>	<u>Porosity</u>	<u>Horizontal Perm.</u>	<u>Vertical Perm.</u>	<u>Oil</u>	<u>Water</u>
2491-92	15.3	28.6	27.1	15.3	56.7
92-93	17.1	27	36.9	14.3	57
93-94	16.4	27.5	26.5	13.6	55.6
95-96	12.6	6.1	4.4	12.2	51.9

~ Certified Correct:

Sherrill Compton
Sherrill Compton - Geologist