

32-15-11W

LEE H. CORNELL
Petroleum Geologist
 PHONE AMHERST 2-3921
 706 ORPHEUM BUILDING
 WICHITA 2, KANSAS

July 6, 1964

S. and C. Drilling, Inc.
 Box 271
 Hays, Kansas

Re: No. 6 Borell "B"
 SW SE NE NW 32-15-11W
 Russell County, Kansas

Gentlemen:

Drilling progress at the above captioned well was observed from 2903 to 3375', total depth. One foot drilling time was kept and five foot samples were saved from 2600' to total depth. Samples were examined at the well and discarded.

MISCELLANEOUS DATA

Contractor: S. and C. Drilling, Inc.
 Surface Hole: June 23, 1964
 Completed: July 1, 1964
 Surface Casing: 8 5/8 @ 288' / cemented w/ 165 sacks.
 Drill pipe strapped: Trip No. 6
 Board 2800.87
 Strap 2799.10
 Difference 1.77

No correction made.

FORMATION TOPS (by Drilling Time and Samples)
 Elev.: 1864 KB

Anhydrite	724	{Driller}	+1140
Heebner	2915		-1051
Toronto	2934		-1070
Iatan	3007		-1143
Lansing	3023		-1159
Conglomerate	3318		-1454
Arbuckle	3365		-1501
Total Depth	3375		-1511

S. and C. Drilling, Inc. - No. 6 Borell "B"

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STRUCTURAL POSITION

No. 6 Borell was structurally low on all formations, being 17 feet lower than No. 4 and 20 feet lower than No. 3 on the Heebner and 25 feet lower than No. 4 and 37 feet lower than No. 3 on the Arbuckle.

It is the writer's opinion that this well condemns the entire NW/4 of Section 32.

TORONTO SECTION

2936- 40 Limestone, fine crystalline, granular, no odor, no free oil, scattered light staining.

LANSING SECTION

3029- 30 Limestone, oolitic and oolitic, no odor, no free oil, rare staining.

3053- 57 Limestone, oolitic, very faint odor, rare show of free oil, rare staining.

3112-3129 Limestone, oolitic, slightly cherty, no odor, occasional show of free oil and staining, mostly barren porosity.

3205- 14 Limestone, oolitic and oolitic, very faint odor, very small show of free oil, scattered light staining. Mostly barren porosity.

CONGLOMERATE SECTION

3318- 65 Red, green and gray shales, much yellow chert in top part, much white, partly oolitic chert in lower part, medium to large, sub-round, frosted sand grains middle and lower part of section. No sand clusters, no odor, free oil or staining.

ARBUCKLE SECTION

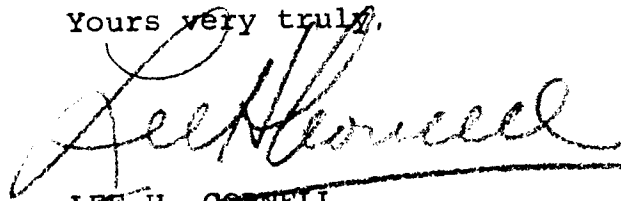
3365- 75 Dolomite, white to gray, fine crystalline, tight. No odor, no free oil, no staining.

S. and C. Drilling, Inc. - No. 6 Borell "B"

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Because of its low structural position and lack of commercial shows, it was recommended that No. 6 Borell "B" be plugged and abandoned at 3335', a penetration of 10 feet in the Arbuckle.

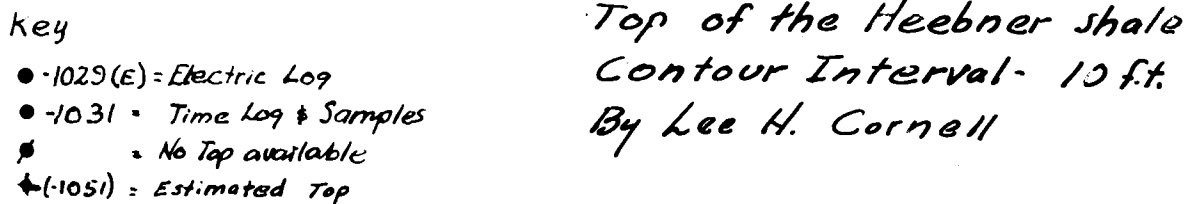
Yours very truly,

A handwritten signature in dark ink, appearing to read 'Lee H. Cornell', written over a horizontal line.

LEE H. CORNELL,
Petroleum Geologist.

LHC/mlb
encl.

Township 15 Range 11w County Russell State Kansas



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