

Computer Inventoried

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Petroleum Geologist
PHONE AMHERST 2-3921
706 ORPHEUM BUILDING
WICHITA 2, KANSAS

11-9-17W
SW SW NW

March 25, 1963

Re: Cornell, et al
No. 1 Westhusin
SW SW NW Sec. 11-9S-17W
Rooks County, Kansas.

Drilling progress was observed at the above captioned well from 3050' to 3458' total depth. 10-foot samples were saved from 2900' to 3050' and 5-foot samples were saved from 3050' to total depth. The 10-foot samples were discarded at the well after examination and the 5-foot samples were examined at the well and delivered to the Kansas Well Sample Bureau. A cut was ordered for storage at the State Geological Survey Sample Library. 5-foot drilling time was kept from 2800' to total depth.

MISCELLANEOUS DATA

Contractor: D & D Drilling, Inc., Wichita, Kansas.
Surface Hole: March 16, 1963.
Surface Casing: 8 - 5/8" at 277'; cemented with 175 sacks.
Drilling Completed: March 24, 1963.
Pipe Strap: Board 3007.77
Strap 3007.09
Difference .68 (no correction made)

FORMATION TOPS

Elevation 2020' K. B.

Anhydrite (driller's)	1284 + 736
Topeka	2904 - 884
Heebner	3018 -1098
Toronto	3141 -1121
Lansing	3161 -1141
Base KC	3401 -1281
Sandy Conglomerate	3405 -1385
Arbuckle	3447 -1427
Total Depth	3458 -1438

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STRUCTURAL POSITION

On top of the Heebner and Lansing, No. 1 Westhusin is one foot lower than No. 1 Oswald, from 4 to 8 feet lower than the nearest dry holes to the east and 2 feet higher than a dry hole one-half mile north.

On the Arbuckle the well is 10 feet lower than No. 1 Oswald, 9 feet lower than the dry hole one-half mile northeast and 4 feet lower than a dry hole one-half mile north. It is 11 feet lower than the lowest Arbuckle producer in the Westhusin Pool to the east.

TOPEKA SECTION

3063-72: Limestone, medium crystalline, with poor porosity, no odor, rare show of free oil, scattered, spotted, staining. Zone of no value.

LANSING SECTION

3202-07: Limestone, fine crystalline, some fair to good vugular porosity, no odor, trace of free oil, fair staining.

DST #1. 3186-3218: Open 2 hrs. Good steady blow for 2 hrs., Recovered 560 feet of muddy water with a few spots of oil.
ICIP 830#/20 mins. FCIP 640#/30 mins.
IFP 50#, FFP 230#.

3253-62: Limestone, oolitic, very faint odor, very small show of free oil, spotted staining, much barren oolitic limestone. This zone was tested with negative results in No. 1 Oswald and was considered to be of no value in this well.

3366-69: Limestone, fine crystalline, no visible porosity, no odor, no free oil, scattered pieces with partial staining. This zone was tested with negative results in No. 1 Oswald and was considered to be of no value in this well.

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SANDY CONGLOMERATE SECTION

3405-12: Sandstone, fine grained, poor porosity, no odor, small show of black free oil, fair to good staining. Irregular drilling time indicated the zone probably consisted of thin sandstone and shale beds.

DST #2, 3394-3425: Open 45 mins., weak blow for 6 minutes. Recovered 5 feet of very slightly oil cut mud. BHP, zero. Zone of no value.

ARBUCKLE SECTION

3447-53: Arbuckle, medium to coarse crystalline, some good porosity, fair odor, small show of black free oil, fair to good staining. Much dolomite with little or no staining.

DST #3, 3444-3453: Open 1 hour, weak blow for 8 minutes. Recovered 10 feet of slightly oil cut mud. ICIP 820#/20 mins., FCIP 670#/30 mins. Flow pressures, zero.

3453-58: Dolomite as above, good odor, good show of black, free oil, fair to good dark staining. Less dolomite with no staining.

DST #4, 3444-3458: Open 30 mins., weak blow for 17 minutes. Recovered 20 feet of heavy, black oil, 60 feet of oil cut mud, 30 feet of muddy water. ICIP 980#/20 mins., FCIP 960#/30 mins. IFP 40#, FFP 40#.

No. 1 Westhusin was plugged and abandoned because of the low structural position on the Lansing and Arbuckle, the negative drill stem tests in the Lansing and Sandy Conglomerate, and because of the poor recovery in the final Arbuckle drill stem test which included 30 feet of water. The Arbuckle pay was found at minus 1432 which is 10 feet lower than the bottom of the hole at No. 1 Oswald, which is making only 11 to 12 bbls. of oil daily, plus 8 to 9 bbls. of water daily. The well is also 9 feet lower than Harbar No. 1 Westhusin in the NE SE NW of Sec. 11, which set pipe on the Arbuckle and had only a small amount of oil and considerable water in the Arbuckle when the plug was drilled.

Yours, very truly,

W. H. Cornell

W. H. Cornell

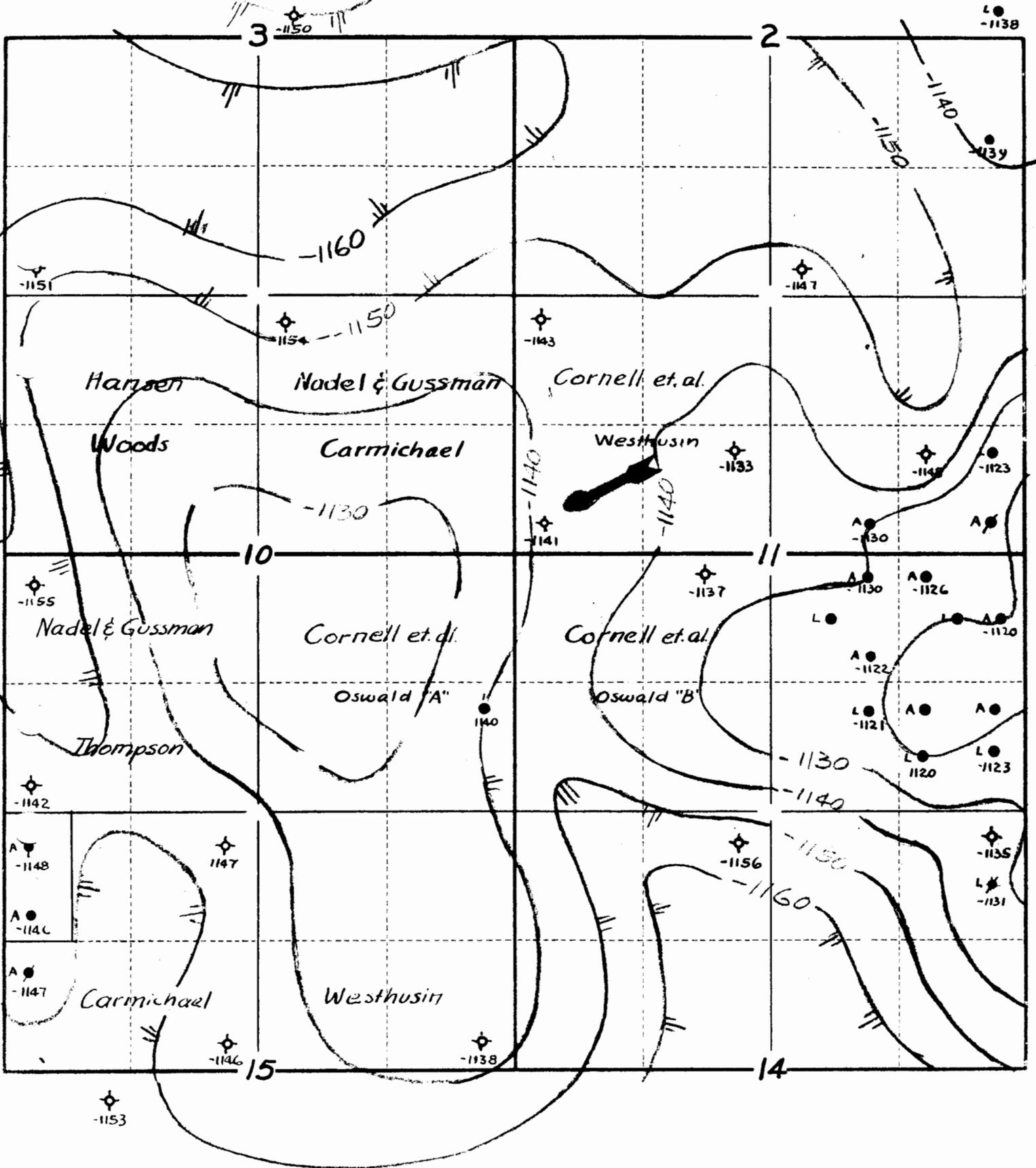
Cornell, et al
Westhusin #1

Top of the Lansing
Contour Interval - 10 ft.

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8-15-62

Township 9 S Range 17W County Rooks State Kansas



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Westhusin #1

Top of the Arbuckle
Contour Interval - 20 ft.

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