

9-26 S. - 3XE

SW NW SW

Lee Cornell, et al.
#1 Benfer

LEE POULSEN
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Wichita 2, Kansas

GEOLOGICAL REPORT

Drilling Contractor: Se Ro Bee Drig. Co., Inc.
Drilling Commenced: 2-7-63
Drilling Completed: 2-14-63

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SW NW SW Sec. 9-26-3e
Butler County, Kansas

elev 1355 KB

Gentlemen:

Following is the geological report on the above captioned test well. Samples were examined from 2700 feet to the total depth. The well was under geological supervision from 2700 feet to the total depth. All measurements are corrected to the Kelly bushing.

Elevation: 1355' K.B.
Surface Pipe: 8" @ 165' with 50 sacks.
Production Pipe: 4 1/2" @ 2799' with 75 sacks.

<u>Formation</u>	<u>Sample Tops</u>
Kansas City	2333 (-978)
Base-Kansas City	2496 (-1141)
Cherokee	2723 (-1368)
Conglomerate	2770 (-1415)
Mississippian	2796 (-1441)
Total Depth	2810 (-1455)

Sample Descriptions and Tests

Conglomerate

2770 - 2777 Limestone; gray, green, fine crystalline to granular, slightly dolomitic and shaly, few pieces gray and white sharp chert.

2777 - 2790 Various colored shales, slightly cherty, pyritic.

Mississippian

2796 - 2802 Chert: white to light gray, fresh and sharp, no visible porosity, probably good fracture type porosity from 2796 to 2802, rainbow show, faint odor.

2802 - 2806 Limestone; cream, granular, very cherty, no visible porosity, no shows.

9-265.-31E
S6 NWS6
Butler Co.

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2805 - 2810 Chert; white to light gray, some fresh to slightly weathered and tripolitic, spotted pinpoint and vugular porosity, spotted staining and light saturation, show of free oil, faint odor.

Drill Stem Test, 2798 to 2810'. Tool open 1 hour. Good strong flow thruout. Recovered 1028' clean, gassy oil, 100' heavily oil and gas cut mud.

Initial shut in pressure	584 psi (20 min.) increasing.
Initial flow pressure	202 psi
Final flow pressure	420 psi
Final shut in pressure	631 psi (30 min.) increasing.

Set 4 1/2" production pipe at 2700' with 75 sacks cement.

Respectfully submitted,

Lee Poulsen

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LF:sh

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9-26S-3E
SW NW SW

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SW Sec. 9-26-3e
Carter County, Kansas

DRILLING TIME LOG

<u>DEPTH</u>		<u>TIME</u>	<u>REMARKS</u>
2000 - 2010	2-1-2-1-2	2-2-2-2-2	
2020	2-2-2-1-1	1-2-2-2-1	
2030	2-1-1-2-2	2-3-2-3-2	
2040	3-1-3-2-3	2-3-3-2-2	
2050	3-2-2-3-2	3-2-2-2-2	
2060	3-3-2-1-2	2-3-2-3-2	
2070	3-3-2-1-2	2-2-2-2-2	
2080	2-1-2-2-3	2-1-2-1-2	
2090	2-1-1-2-1	2-2-1-1-1	
2100	1-2-1-2-2	1-1-2-2-2	
2100 - 2110	2-2-3-2-2	2-1-1-1-1	
2120	1-2-1-1-1	1-1-1-1-1	
2130	2-2-2-1-1	1-2-1-2-2	
2140	1-2-2-1-2	2-2-2-2-2	
2150	2-3-2-2-3	3-2-2-2-3	
2160	3-2-4-4-3	4-4-4-3-4	
2170	4-3-3-3-3	4-4-4-5-5	
2180	6-6-2-2-3	3-5-5-5-5	Trip
2190	4-5-5-5-5	5-5-5-5-4	
2200	2-3-2-2-3	2-2-3-2-3	
2200 - 2210	2-3-3-2-3	3-4-4-4-5	
2220	6-5-5-5-5	6-5-5-3-3	
2230	3-4-4-4-4	4-4-4-3-4	
2240	4-4-4-4-4	3-4-4-4-4	
2250	5-5-5-5-5	5-5-5-5-5	
2260	6-5-5-4-5	6-5-5-5-5	
2270	5-4-5-4-4	5-5-5-4-4	
2280	5-4-5-4-5	5-4-5-5-5	
2290	5-5-5-5-5	4-5-5-5-5	
2300	7-5-5-5-5	7-5-5-7-8	
2300 - 2310	7-5-4-5-6	5-4-5-5-5	
2310	5-5-5-4-5	4-5-5-3-4	
2320	3-4-4-4-3	4-4-3-4-5	
2330	3-3-2-7-5	3-5-3-3-5	
2340	4-4-3-3-1	3-3-4-4-4	
2350	3-3-3-3-2	2-2-2-4-5	
2360	5-2-3-4-3	3-3-3-3-5	
2370	4-3-4-4-4	5-3-4-4-3	
2380	3-4-4-5-5	6-5-5-5-4	
2390	4-4-4-3-3	4-5-3-4-4	

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<u>BIRTH</u>	<u>TIME</u>	<u>REMARKS</u>
2400 - 2410	4-3-3-4-3	3-2-3-5-2
2420	3-3-3-4-4	2-4-3-3-4
2430	4-3-3-4-4	2-2-3-2-1
2440	3-4-4-5-5	4-4-5-4-4
2450	2-2-3-4-4	3-5-4-3-3
2460	2-1-2-2-2	2-1-2-2-2
2470	3-2-2-2-4	4-6-6-6-7
2480	5-3-3-4-5	1-4-3-1-5
2490	4-4-3-1-1	5-5-5-2-4
2500	4-5-3-4-5	5-4-4-7-7
2500 - 2510	4-3-4-3-4	4-3-4-3-4
2520	4-5-5-4-4	4-3-4-3-5
2530	4-4-3-4-4	3-3-3-7-3
2540	3-5-4-3-3	3-3-3-3-3
2550	4-3-3-3-3	3-3-3-2-3
2560	3-3-3-4-4	4-5-6-8-7
2570	6-5-3-4-4	5-5-5-7-5
2580	5-5-4-5-5	7-5-5-5-5
2590	5-5-4-3-1	2-2-2-2-3
2600	3-3-4-4-5	5-6-3-5-5
2600 - 2610	4-4-4-3-4	7-8-5-7-6
2620	4-4-3-4-4	4-5-4-4-3
2630	2-2-4-4-4	4-5-3-4-4
2640	2-3-3-4-4	4-4-5-4-4
2650	3-3-3-4-4	4-4-5-6-5
2660	5-6-5-5-5	6-5-5-7-5
2670	5-5-6-3-5	5-5-5-8-7
2680	4-3-2-3-4	4-4-4-4-4
2690	5-5-4-3-6	5-5-4-4-4
2700	6-7-5-3-6	5-6-5-6-5
2700 - 2710	5-3-2-3-3	4-2-4-4-3
2720	4-5-5-4-4	4-4-5-5-4
2730	3-3-3-3-3	2-3-3-4-3
2740	5-6-6-4-5	6-7-7-1-6
2750	6-5-5-5-5	6-6-7-8-7
2760	5-7-7-6-6	5-4-3-2-2
2770	4-5-3-5-8	5-6-7-7-6
2780	4-7-7-6-5	6-4-3-5-3
2790	4-4-5-5-5	5-6-4-3-5
2800	10-8-7-6-6	5-5-4-3-4

Trip

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SWNW SW

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Butter County, Kansas

<u>DEPTH</u>	<u>TIME</u>	<u>REMARKS</u>
2800 - 2810	3-3- - -4	- - - - -2 Circ. samples @ 2807 & 2810' LST @ 2810'