

13-185-7W
Raymond M. Goodin
717 Union National Bank Bldg.
Wichita 2, Kansas

13-18-7W
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K. G. S. LIBRARY
March 23, 1934 540 Petroleum Bldg.
Wichita, Kansas 67201

Mr. E. H. Riggs
408 Rule Bldg.
Wichita 2, Kansas

Re: E. H. Riggs et al #2 Bronleewe
NE-NE-NE-Sec. 13-185-7W
Rice County, Kansas
Elev. 1693 Df, 1696 Rb

Dear Sir:

1. The following information is my interpretation of samples and time log on the above captioned well.

2. Topeka	2301-605
Heebner	2578-832
Toronto	2598-902
Douglas	2616-920
Douglas Sand	2628-932
Brown Line	2693-997
Lansing Kansas City	2728-1032
Base Kansas City	3103-1409
Conglomerate Sand	3175-1479
Base first and main sand	3195-1499

3. Samples were examined from 2300 to Rotary T.D. of 3270. There were no shows above the conglomerate sand.

4. The conglomerate sand was cored from 3176 to 3209 and described as follows:

3176 to 3181	Sand slightly shaley, fine to medium grained, slight porosity, fair show oil.
3181 to 3187	Sand fine to medium grained, dense, very small show oil.
3187 to 3192½	Sand fine to medium grained, slightly shaley, fair show oil.
3192½ to 3193½	Shale sandy, dense.
3193½ to 3197½	Coarse chert fragments; fine to medium, coarse grained sand, shaley, fair show oil in sand and chert.
3197½ to 3199½	Red shale.
3199½ to 3202	Chert and gray shale. Show oil 3199½ to 3201½.
3202 to 3203	Shale red.
3203 to 3209	Vari-colored chert and shale, large chert fragments.

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5. 3211 (-1515) to 3217 (-1521) Much weathered chert and medium to coarse grained sand, some interbedded shale, good show free oil in sand, and fair stain. Sand has fair to good porosity.

3225 (-1527) to 3232 (-1536) Coarse grained angular sand and chert fragments, fair to good porosity, good show free oil, good stain in sand, some interbedded shale.

6. 5½ inch pipe was set and cemented 3269.

7. Recommendations: It is recommended that a Gamma Ray and Neutron type log be run to closer define the zones of porosity for perforating purposes. The following zones are recommended for perforating provided that the electric log indicates sufficient porosity. It is recommended that perforating and testing be commenced with the bottom most zone to be tested first.

Zones to be perforated and tested:

3176 to 3182 (-1480) (-1486)
3187 to 3195 (-1491) (-1499)
3199 to 3201 (-1505) (-1505)
3204 to 3206 (-1508) (-1510)
3211 to 3217 (-1515) (-1521)
3225 to 3232 (-1527) (-1536)

It is thought that it would be best to perforate just the top two feet of the zone from 3225-3232, if tested, to avoid possible water trouble. If water is present in the reservoir, this zone would be most likely to have it.

Yours sincerely

Raymond M. Goodin

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