

25-26S-14W  
JOHNS AND MAGATHAN  
CONSULTING GEOLOGISTS  
501 BITTING BUILDING  
WICHITA 2, KANSAS

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*File Cool-Reports  
Kansas  
Mailed  
This copy of  
to P.M.'s  
3/17/55*

Mr. H. L. Moore  
311 National Bank of Tulsa Bldg.  
Tulsa, Oklahoma

Dear Buddy:

The following information is on the two wells drilled by Rine Drilling Co. in 25-26S-14W. The #1 Jarboe produced through perforations in the #1 Lansing zone (3834 - 46) for about 23 months. It initially produced from 4 to 6 B.O.P.D. and was making  $1\frac{1}{2}$  B.O.P.D. at the time it was plugged.

The #1 Strobel recovered small amounts of oil on two different drill stem tests taken in the Lansing-Kansas City, but in neither case was the amount of oil sufficient to warrant running casing.

The following are formation tops and other data of interest on these wells:

Rine #1 Jarboe CN $\frac{1}{2}$  SE 25-26S-14W

Top Lansing	3809 (-1849)	
Base K.C.	4126 (-2166)	
Top Mississippi	4242 ( <del>-2320</del> -2282)	
Chert zone	4242 - 80	
Top Kinderhook	4280 (-2320)	
Chert zone	4300-29	
Top Viola	4356 (-2396)	
Chert zone	4356 - 92	
Top Simpson	4408 (-2448)	
Sand	4413-18	a little water after perforating
Sand	4432-48	1100' water in 2 hrs. after perforating
Top Arbuckle	4490 (-2530)	

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A drill stem test in the Arbuckle 4493-4515 recovered 360' sulphur water in an hour test.

Rine #1 Strobel SE SW NE 25-26S-14W

Top Lansing	3812 (-1850)	
Base Kansas City	4125 (-2163)	
Top Mississippi	4263 ( <del>-2310</del> 2301)	
Chert zone	4263-92	
Top Kinderhook	4292 (-2330)	
Chert zone	4295-4322	

-2- Rine #1 Strobel - continued

Top Viola	4368 (-2406)	
Chert zone	4368-98	
Top Simpson	4404 (-2442)	
Sand	4409-15	No show
Sand	4430-46	No show
Top Arbuckle	4484 (-2522)	No shows in Arbuckle

The only zone of any interest in this well was Lansing zone #6 (3955-62) which was covered in the same drill stem test with zones #4 and #5. An hour test of these zones recovered 580' gas, 60' heavily oil and gas cut mud, 90' slightly oil cut muddy salt water and 90' muddy salt water. The bottom hole pressure was 1295#. I believe, after examination of the electric log, that zones #4 and #5 produced the water as the resistivity is very low in both zones. Perhaps zone #6 (which calculates 12% porosity and 36% water saturation) would have produced more oil, had it been tested alone. Rine did not feel however, and I think rightly so, that Lansing production alone was worthy of a string of casing in this area. However, I feel that this zone might very conceivably have produced in this well and would have been a nice bonus to have behind the pipe had Pre-Pennsylvanian production been found. This zone was perforated in the #1 Jarboe and produced 1 barrel water per hour with a slight rainbow. The Jarboe, however was an old hole and the formation had been exposed to the drilling mud for nearly 14 years and was undoubtedly thoroughly mudded off.

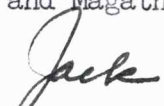
Structural Position:

On top of the Simpson the #1 Jarboe was 29' higher than a dry hole in SW SE NE; 36-26S-14W, 6' lower than the #1 Strobel and 15' higher than the dry hole subsequently drilled by Cities Service in NE NE SE; 24-26S-14W. It was 17' higher than your #1 Mowbray.

On top of the Arbuckle the #1 Jarboe was 62' higher than the dry hole in section 36, 8' lower than the #1 Strobel, 33' higher than the dry hole in section 24 and 40' higher than the #1 Mowbray.

I hope this information will help you in evaluating your acreage in this area, however if there is any way I can be of further help in finding information on other wells in the area, I'll be glad to do so.

Sincerely,  
Johns and Magathan

By   
Willis Jack Magathan

WJM:lb