

15-035-24229-00-00

ORIGINAL

14-355-4E

GEOLOGICAL REPORT

SEEKER, LLC.

No. 1 Johnson

4628 FSL

3093 FEL

NE NE NW Section 14

Township 35 South - Range 4 East

Cowley County, Kansas

Spud date: October 19, 2005

Under Surface: October 20, 2005 at 7:00 AM

Completion Date: October 23, 2005 at 4:29 AM

Total Depth: 2631 ft. Driller; 2633 Log

Electric Log: Superior Well Services--Dual Induction and Compensated Density Neutron Log

Surface Casing: 200 ft. of 8 5/8"

Elevations: 1122 ground, 1129 derrick floor, 1130 kelly bushing

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Formation Tops

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Neva lime	408	+722
Stonebreaker lime	813	+317
Newkirk sand	1098-1108, 1132-1154	+ 32
Topeka lime	1293	-163
Severy sand	1472	-342
Iatan lime	1928	-798
Stalnaker sand	1962	-832
Layton sand	2416	-1286
Lower Layton sand	2558	-1420
Total Depth:	2631	-1501

Recommendations:

1231 ft. of 4 1/2" casing was set so that the following zones could be tested through perforations:

Newkirk sand

1132 - 34 and 1100 - 1102

Coalbed

880 - 84

Kisner sand

384 - 86

S. A. Crank - Geologist

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