

WAYNE LEBSACK
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Geological Report

February 1, 2007

Lebsack Oil Production, Inc.
P.O. Box 489
Hays, Kansas 67601

15-055-21929
Garden City No. 4-8272
1320' FNL - 2310' FWL
Section 17-T22s-R33w
Finney Co., KS.

17-22-33W

Contractor	H-2 Drilling Co.
Date Commenced	January 19, 2007
Date Rotary Completed	January 28, 2007
Total Depth (T.D.)	4800'
Elevations	Ground Level - 2891' Kelly Bushing - 2902'
Samples	3600' to T.D.
Logs	3600' to T.D. Dual Induction, Dual Porosity & Micro.
Casing	8 5/8" @ 414' 5 1/2" @ 4782'

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Geological Formation Tops

FORMATION	DRILLING TIME DEPTH	ELECTRIC-LOG DEPTH	SUB-SEA DEPTH E-LOG
Topeka	N/A	3352	- 450
Heebner	3799	3808	- 906
Lansing	3849	3857	- 955
Base K.C.	4318	4320	- 1418
Marmaton	4335	4344	- 1442
Cherokee	4464	4466	- 1564
Morrow Shale	4640	4655	- 1753
Morrow Sand	4688	4690	- 1788
Mississippi	4708	4714	- 1812
St. Louis (oolitic)	4724	4724	- 1822
Total Depth	4800	4802	- 1900

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INTERVALS OF INTEREST

Electric Logs

Marmaton

- No sample or E-Log shows.

Cherokee/ (Atoka) 4553' -4558'

- White Dense limestone with fine vugular porosity, light spotty oil staining, trace of free oil, and faint odor.

E-Log porosity-8%. Water saturation-60%.

Morrow Sand 4690' -4710'

- Clear, fine grained, friable sand, with fair porosity, light oil staining and trace of free oil.

E-Log porosity-11%. Water saturation-30%.

Drill Stem Test No. 1 (Morrow Sand)

4610' -4720'

- Testing time intervals: 30''-30''-60''-60''. There was a weak blow during the test. The recovery was 93' of gas and oil cut mud. Pressures: ISIP-278; FSIP-209. Flow pressures-27/46 and 50/62; Pressure was building at end of test. Chart indicates low permeability.

Mississippi 4723' -4735'

- White oolitic limestone, with fair porosity, light oil staining, faint odor and trace of free oil.

E-Log porosity-9%. Water saturation-30%.

Drill Stem Test No. 2 (Mississippi)

4725' -4800'

- Testing time intervals: 30''-30''-30''-30''. There was a weak blow during first opening and no blow during last opening. The recovery was 100' of oil spotted mud. Pressures: ISIP-242; FSIP-234. Flow pressures-47/57 and 57/65; The chart indicates fair permeability.

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SUMMARY

Structural Comparisons - (E-Logs)

<u>FORMATION</u>	<u>G.C. No. 4-8272</u> This Well	<u>G.C. No. 2-8272</u> Abd. Morrow Well North Offset	<u>G.C. No. 1-8272</u> Morrow - Mississippi Well South Offset	Hartman Oil Finnup B-12 Morrow Well S.E. Offset
Lansing	- 955	- 940	- 959	- 954
Marmaton	- 1422	- 1431	- 1414	- 1445
Cherokee	- 1564	- 1556	- 1569	- 1569
Morrow Shale	- 1753	- 1747	- 1762	- 1755
Morrow Sand				
Upper	-	-	-	- 1812
Lower	- 1788	- 1808	- 1830	- 1855
Mississippi	- 1812	- 1828	- 1855	- 1885
Oolitic (St. Louis)	- 1822	-	- 1855	-

The samples and electric logs indicate potential oil zones in the lower Morrow sand and St. Louis, oolitic sand. The Drill stem tests lacked oil shows and encouraging reservoir pressures. However, because of the positive sample shows, E-Log calculations and structural position, casing was cemented to further test and attempt completion of the well for commercial production.

Reported by:


Wayne Lebsack
Petroleum Geologist

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