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Geological Report
15-159-22480-00-00

May 17, 2006

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

Sessler No. 2
330' FWL & 660' FSL
Section 21-T20s-R10w
Rice Co., KS.

Contractor Sterling Drilling Co.
Date Spudded April 27, 2006
Date Rotary Completed May 5, 2006
Total Depth (T.D.) 3350'
Elevations Ground Level - 1738'
Kelly Bushing - 1747'
Samples 1300' to T.D.
Logs Gas Detector, Log-Tech
Dual Compensated Porosity and
Dual Induction.
Casing 8 5/8" @ 277'
5 1/2" @ 3350'

21-20-10w

21-20-10w

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Geological Formation Tops

FORMATION	DRILLING TIME DEPTH	ELECTRIC-LOG DEPTH	SUB-SEA DEPTH
Chase Group (Herington)	1360	1360	+ 387
Winfield	1412	1412	+ 335
Tarkio	2238	2238	- 491
Howard	2458	2458	- 711
Severy Sand	2526	2526	- 779
Topeka	2555	2555	- 808
Heebner	2832	2830	- 1083
Brown	2959	2959	- 1212
Lansing	2978	2978	- 1231
Simpson	3244	3244	- 1497
Arbuckle	3295	3295	- 1548
Total Depth	3350	3350	- 1603

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INTERVALS OF INTEREST

Electric Logs

Chase Group
Herington
1380' -90'

- Gray, fine crystalline dolomite with oolitic and vugular porosity.
Log porosity - 15%.
Gas detector - 9 units.

Winfield
1418' -24'

- Gray, fine crystalline, oolitic limestone.
Log porosity - 18%.
Gas detector - 10 units.

Tarkio
2262' -68'
2230' -34'

- Clear, fine grained, micaceous sand. Light oil staining.
Log porosity - 18%.
Gas detector - 27 units.

Severy
2526' -30'

- Clear, fine grained, micaceous sand.
Log porosity - 25%.
Gas detector - 15 units.

Lansing
'F' Zone

- White and tan oolitic limestone with light oil stain.
Log porosity - 16%.
Gas detector - 31 units.

Drill Stem Test No. 1

3063' -75'

- Testing time intervals: 30''-30''-90''-60''.
There was a fair to strong blow. The recovery was 372 ft. of gas and 122 ft. oil and gas cut watery mud.
Pressures: 20/35; 40/69;
ISIP-576; FSIP-615.

Simpson
3254' -58'

- Clear, fine grained, friable sand with light oil stain and odor.
Log porosity - 12%.
Gas detector - 36 units.

Drill Stem Test No. 2

3244' -90'

- Testing time intervals: 30''-30''-60''-60''.
There was a fair to strong blow. The recovery was 336' of muddy water with a show of oil on top of water.
Pressures: 18/106; 109/168;
ISIP-903; FSIP-846.

Arbuckle
3295' -3307'

- White, fine/medium crystalline vugular dolomite, good oil staining and odor.
Log porosity - 10%.

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SUMMARY

Structural Comparisons

FORMATION	Sessler No. 2 This Well	Sessler No. 1 NE Offset Arb. Producer	Thompson No. 1 Dry Hole, with Arb. Show. 1/4 Mile South
Winfield	+ 335	+ 336	N/A
Tarkio	- 491	- 485	N/A
Lansing	- 1231	- 1227	- 1257
Arbuckle	- 1548	- 1543	- 1551

The samples, gas detector and drill stem tests indicate potential commercial gas zones in the Chase group, Tarkio, Severy sands; and potential oil zone in the "F" zone. The samples and electric logs indicate a commercial oil zone in the upper Arbuckle. 5 1/2" casing was set to further test and complete as an oil and/or gas well.

Reported by:


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Petroleum Geologist

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