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Geological Report

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

CBH # 1-13
2310' FSL
330' FWL
Sec. 13-T21S-R35W
Kearny Co. Kansas

Contractor	Abercrombie RTD
Date Spudded	October 1, 1999
Date Completed	October 9, 1999
Total Depth	5000'
Casing	8-5/8" @ 258'
Elevations	Ground 3087' Kelly Bushing 3092'
Samples	2400' to T.D.
Logs	Gas Detector, Dual Induction Density-Neutron, Micro log

3092
890
2100

Geological Formation Tops

Formation	Drilling Depth	Electric-Log Depth	Sub-Sea Depth
B/ Anh	2190		
Heebner	3932	N/A	-840
Lansing	3983	N/A	-891
Base K.C.	4459	4458	-1366
Marmaton	N/A	4478	-1386
Cherokee	4615	4616	-1524
Morrow	4819	4814	-1722
Morrow Sand	4880	4878	-1786
Mississippi	4890	4890	-1798
Total Depth	5000	5000	-1908

3092
2190

902

Intervals of Interest

Cherokee
4780-90

- white fossilitic limestone with spotty light staining, log porosity 12% Water saturation 68%.

Morrow
4878 - 90

- fine grained, calcareous sand with oil staining and trace of free oil. Log porosity 7%, water saturation 52%. Micro log indicates low permeability.

DST No.-1
4807 - 70
(upper Morrow)

testing times, open 30 minutes, closed 30 minutes. There was a weak blow. Recovery was 5' of drilling mud'
Pressures : Flow - 88/88
Shut in - 100

DST No. 2
4879 -4900
(lower Morrow)

testing times, open 30 minutes, closed 60 minutes. There was a very weak blow. The recovery was 2' of drilling mud.
Pressures: Flow - 44/44
Shut in- 55

Summary

Structural Comparison

FORMATION	CBH # 1-13 This well	Scott #4 North offset	Van Doren #1-14 West Offset
Lansing	-891	-866	-892
Cherokee	-1524	-1514	-1525
Morrow Sand	-1786	-1777	-1781
Mississippi	-1798	-1794	-1803

Structurally, the formations were in favorable positions, in comparison to offsetting oil wells. However, the electric logs and drill-stem tests were negative, high water content in the Cherokee and low porosity and permeability in the principal pay-Morrow Sand. This well was plugged and abandoned.

Reported by

Wayne Lebsack