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Geological Report

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

L. R. Kester No. 1-18
1650' F.W.L. & 1650' F.S.L.
Section 18-21s-34w
Finney Co., Ks.

Contractor	Abercrombie RTD, Inc.
Spud Date	June 30, 1993
Date rotary completed	July 8, 1993
Total Depth	4925'
Elevations	3044' Ground; 3049 Kelly Bushing
Measurement Zero	Kelly Bushing - K.B.
Casing	Surface 8-5/8" @ 301' Production 5-1/2" @ 4914'
Samples & Drilling time	2500' - 2900' 3800' - T.D..
Other Logs	Gould Gas Detector, Halliburton Dual Induction & Density-Neutron

Geological Formations

Formation	Drilling Depth	Electric Log Depth	Sub-Sea Depth Elec. Log
Heebner	3882	3883	- 834
Lansing	3928	3932	- 883
BKC	4415	4413	- 1364
Marmaton	4443	4443	- 1394
Morrow	4795	4789	- 1740
Morrow Sand	4828	4824	- 1775
Mississippi	4841	4836	- 1787

3932
3049

83

Intervals Of Interest - Electric Log Depths

- Marmaton - Fort Scott
4566-4574 - no samples
- D.S.T. No. 2
4523-4605 - Testing time intervals 15-30-15-30
(Straddle Test) Strong blow decreasing to fair blow.
Recovery: 460' gas cut mud
120' gas, oil & water mud.
Pressures: no recording
- Morrow Sand
4824-4834 - Fine grained sand, light oil stain,
and traces of free oil. Gas detector
logged 10 units.
- D. S.T. No. 1
4765-4840 - Testing time intervals 30-30-60-90
Weak to strong blow
Recovery: 550' clean gassy oil
185' gassy, mud cut oil
Pressures: Flow - 105/245; 306/708
ICIP - 822; FCIP - 863
- Mississippi
4841-T.D. - White sandy and oolitic limestone, with
no shows - Log porosity - 3%

Summary

Comparisons

Formation	Lebsack Oil L.R. Kester #1-18 this well	NARCO Kester #1-18 NW-offset	NARCO Ruth Kester South-offset
Lansing	- 883	- 873	- 877
Morrow Sand	- 1775	- 1759	- 1773
Mississippi	- 1787	- 1791	- 1789

Samples, gas detector, drill stem test No. 1, electric logs indicate a commercial well in the Morrow sand. Casing was cemented to test for production.

Submitted by

Wayne Lebsack