

Dubois and Johnson

Consulting Geologists

432 State Bank Building • Winfield, Kansas • 316-221-0428

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GEOLOGIC REPORT

Jew-Del Oil and Gas

#2 Lee

124' W of N/2 NW NE

30-T8S-R22E

Leavenworth County, Kansas

Daily Progress:

- 11-6: Moved on, rigged up set 40' of 7" surface casing, Drilled out beneath surface casing, 10:00 p.m.
- 11-7: Drilling, lost surface casing down hole, stabbed casing, reset 47' of 7", shut down for weekend, 661'
- 11-9: Resumed drilling 9:30 p.m.
- 11-10: TD 1415, run open hole logs, set 4-1/2" production casing at 1401'.

Service Companies:

Contractor: McGown Drilling Incorporated

Cementing: Consolidated Oilwell Services

Logging: Log-Tech

Formations (E-Log Depths):

	Jew-Del #2 Lee 124' W N/2 NW NE 30 GL997	Structural Relationship to	
		#1 Lee NE NE NE 30	#9 C. Heim S/2 SW SE-19
Lansing	258 (+739)	-12	-7
Base Kansas City	580 (+417)	-10	-4
Cherokee	822 (+175)	-4	+14
Coal Marker	1204 (-207)	-16	+8
Upper McLouth	1296 (-299)	-18	+8
"Middle" McLouth	1314 (-317)	-7	abs
Burgess	1374 (-377)	-14	-18
Mississippi St. Louis	1395 (-398)	-19	-1
Spergen	1402 (-405)	-10	
TD	1418 (-421)		

Hydrocarbon shows (E-Log Depth):

- 1296-1310 Upper McLouth Sandstone
Sandstone, white with light brown stain, fine grained, well-sorted, subrounded, quartzose, trace shaley, mostly fair to good porosity, few tight pieces, fair odor, scum of oil in samples, few gas bubbles on pit. E-Logs indicate 18 to 20% porosity with gas effect (convergence or cross over of Neutron and Density curves) on the upper 8 feet. 30 ohms resistivity calculates to approximately 38 to 43% SW. This is a commercial gas zone.
- 1314-1324 Middle McLouth Sandstone
Sandstone, light brown fine-grained, well sorted, subrounded, quartzose, good porosity, slightly shaley, good show of free gassy oil, fair amount of oil on pits.
18-20% porosity, 35-40 ohms, 35-40% SW
This zone has oil potential.
- 1374-1384 Burgess Sandstone
Sandstone, white, medium-grained, well sorted, subangular, quartzose, good porosity, fair show of free gassy oil, show decreasing with depth to barren at base.
Non-commercial.

Summary:

Production casing was set to further test the McLouth Sandstone. Initial perforations should be placed from 1296 to 1300 in the Upper McLouth and treated as necessary. This zone should produce commercial quantities of gas. Consideration should be given to attempting oil production from the Middle McLouth at a later date when economic conditions are more favorable for oil production.

Respectfully submitted,



Daniel T. Johnson