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July 15, 1985

GEOLOGIC REPORT Golden Eagle Petroleum Company #2 Myron Hund NE SE SW 17-8S-22E Leavenworth County, Kansas

Daily Progress:

7-12 Moved on location, set 7" at 40', plug down at 11:15 a.m.
7-13, 7-14 Shut down for weekend
7-15 Drilled out beneath surface casing at 9:50 a.m.
7-16 1165', drilling at 7:00 a.m., RTD of 1241 reached at 10:30 a.m., 4 1/2" set at 1240, plug down at 7:45 p.m.

Service Companies:

Contractor: McGown Drilling Company
Cement: Consolidated Oil Well Services
E-Logs: Great Guns
Mud: Hughes Drilling Fluids

Formation Tops (E-Logs):

	#2 Hund NE SE SW 17 GL 815	Structural Relation to #1 Zacharias SE NW SE 17	#1 Hund SW SW SW 17
B. Kansas City	404 (+411)	+2	+5
Cherokee	652 (+163)	+5	+6
Coal Marker	1027 (-212)	+1	+10
M. McLouth	1138 (-323)	Absent	Absent
U. Burgess	Absent	----	----
L. Burgess	1171 (-356)	+11	+24
Miss. St. Louis	1186 (-371)	+12	+29
Spergen	1214 (-399)	-2	+6
Total Depth	1241 (-426)		

Hydrocarbon Shows:

E-Log Depths
1138-1146

Middle McLouth Sandstone
Sandstone, white, fine grained, micaceous, sub-rounded, well sorted, kaolinite fills some pores, good porosity, no show in samples. Neutron-Density crossover and moderate resistivity indicates this sand is a possible gas pay zone.

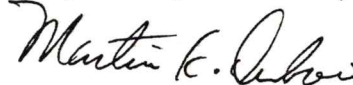
- 1171-1176 Lower Burgess Sandstone
Sandstone, tan (stain), fine grained, subrounded, well sorted, good porosity slight show of free oil. Neutron-Density crossover and moderate resistivity indicates this sand is a possible gas pay zone.
- 1178-1184 Sandstone, medium grained, mostly loose grains, sub-rounded, well sorted, very good porosity, good odor, fair show of free oil in samples, circulated heavy scum of oil in mud. E-Logs indicated a probable coal 1.5' thick at 1180.5.
- 1186-1189 Mississippi St. Louis
Limestone, tan to cream, fine grained oolite, poor to fair moldic porosity, fair show of tarry oil (estimated 17 degree API gravity). Noncommercial show due to poor porosity (8%) and low gravity oil.

Summary:

Production casing was run to test oil and gas shows in the Lower Burgess Sandstone. It is recommended that the 5 foot sand from 1171 to 1176 be tested first. The lower portion of the Lower Burgess (1178-1184) should be tested at a later date, instead of initially, due to the probable presence of a coal near the middle of the interval. The apparent gas show in the Middle McLouth (1138-1146) should be tested after the Burgess is depleted.

Despite being somewhat thinner, the Lower Burgess in the #2 Hund well was found in a structural position 11' higher than it was in the #1 Zacharias well 1/4 mile to the northeast. The Zacharias well is a gas well completed in the Lower Burgess. The Upper Burgess found in the Zacharias well was not present in the #2 Hund well. The Middle McLouth Sandstone encountered in the captioned well appears to be an isolated sand body and a new zone for the area.

Respectfully Submitted,



Martin K. Dubois

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