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GEOLOGICAL REPORT

Carmen Schmitt, Inc.

Ehmke "A" No. 1
130' FNL & 660 FWL Sec. 5-19S-29W
Lane County, Kansas

CONTRACTOR:	H D Drilling, LLC
SPUDDER:	September 16, 2008
DRILLING COMPLETED:	September 29, 2008
SURFACE CASING:	8 5/8" @ 262 KBM/170 sx.
ELECTRIC LOGS:	Log-Tech DIL, MEL, CDN
ELEVATIONS:	2841 KB 2836 GL

FORMATION TOPS (Electric Log):

Anhydrite	2137 (+ 704)
Base Anhydrite	2194 (+ 647)
Heebner Shale	3935 (-1094)
Lansing-Kansas City Group	3980 (-1139)
Muncie Creek Shale	4155 (-1314)
Stark Shale	4263 (-1422)
Hushpuckney shale	4303 (-1462)
Base Kansas City	4348 (-1507)
Marmaton	4386 (-1545)
Altamont	4410 (-1569)
Pawnee	4463 (-1622)
Myrick Station	4489 (-1648)
Fort Scott	4514 (-1673)
Cherokee	4538 (-1697)
Mississippian	4612 (-1771)
Electric Log Total Depth	4630 (-1789)

Samples were examined microscopically from 3800 to Rotary Total Depth. Samples were examined wet and dry and samples from potentially productive zones were viewed under a fluoroscope and checked for oil cut. Following is a description of zones of interest, Drill Stem Tests, etc. For a complete lithologic description of all formations, refer to the sample log in the back pages of this report.

Lansing-Kansas City Zones:

3980-3985 (A Zone)

Limestone, buff to tan, dense, some cream chalky, zone is mostly tight with no show of oil, some scattered fresh white chert

4014-4016 (B Zone)

Limestone, cream to buff, finely crystalline and chalky, slightly fossiliferous, rare scattered poor intercrystalline porosity, no show of oil.

4032-4043 (C Zone)

Limestone, cream to buff, trace of gray, dense to finely crystalline and chalky, zone is mostly tight with no show of oil.

4046-4061 (D Zone)

Limestone, cream to buff, dense to finely crystalline, some sub-lithographic, zone is tight with no show of oil.

4064-4079 (E Zone)

Limestone, buff to tan, trace of brown, trace of mottled, dense to finely crystalline, partly fossiliferous, scattered very poor intercrystalline porosity, rare trace of dead oil stain, no show of live oil in this zone.

4082-4094 (F Zone)

Limestone, buff to tan, finely crystalline and chalky, partly fossiliferous, some scattered oolitic limestone, zone is mostly tight with rare traces of dead stain, no show of live oil in this interval.

4096-4106 & 4110-4115 (G Zone)

Limestone, cream to buff, finely crystalline, chalky and partly oolitic, poor to fair scattered ooliticastic porosity, no show of oil.

4171-4198 (H Zone)

Limestone, buff to tan, some brown, dense to finely crystalline, slightly fossiliferous, trace of scattered very poor intercrystalline porosity, no show of oil.

4201-4238 (I Zone)

Limestone, buff to tan, some brown, dense to finely crystalline, some scattered cream chalky, zone is tight with no shows of oil.

4238-4249 (J Zone)

Limestone, buff to tan, finely crystalline and oolitic, fair to good ooliticastic porosity, scattered poor to fair spotted stain with a slight show of free oil, faint to fair odor, poor fluorescence, fair cut, porosity is 70% barren.

Drill Stem Test No. 1 4222-4248

Open 15 minutes, shut in 30 minutes, open 5 minutes; weak surface blow, died in seven minutes of first flow period. Recovered five feet of mud with oil spots. ISIP 854 # FSIP N/A IFP 16-17# FFP 17-19# IHP 2134# FHP 2053# BHT 114 degrees.

4278-4285 (K Zone)

Limestone, cream to buff to tan, finely crystalline, scattered poor to fair intercrystalline porosity, trace of fair vugular porosity, poor to fair spotted stain, slight show of free oil, faint odor, poor fluorescence, fair cut.

Drill Stem Test No. 2 4260-4300

Open 15 minutes, shut in 30 minutes, open 45 minutes, shut in 60 minutes; surface blow built to quarter-inch blow on first flow; surface blow, built to 1 ½ inch blow on second flow in 45 minutes. Recovered 70 feet of mud. ISIP 872# FSIP 866# IFP 17-26# FFP 27-50# IHP 2113# FHP 2088# BHT 117 degrees.

4313-4320 (L Zone)

Limestone, buff to tan, some brown, finely crystalline and slightly fossiliferous, fair intercrystalline and interfossil porosity, poor spotted stain, slight show of free oil, faint to fair odor, poor to fair fluorescence, fair cut.

Drill Stem Test No. 3 4303-4330

Open 15 minutes, shut in 30 minutes, open 10 minutes; one-inch blow built to 1 ¼" blow in 15 minutes (slid packer five feet on opening); blow did not return on second flow. Recovered 65 feet of mud. ISIP 833# FSIP N/A IFP 38-46# FFP 46-51# IHP 2154# FHP 2108# BHT 113 degrees.

4350-4378 (Pleasanton Zones)

Limestone, cream to buff, some gray, finely crystalline and fossiliferous, poor to fair intercrystalline and interfossil porosity, scattered poor light spotted stain, slight show of free oil, faint to fair odor, poor fluorescence, fair cut.

4380-4386 (Marmaton Zones)

Limestone, tan, some brown, some mottled, dense to finely crystalline, poor to fair intercrystalline porosity, some poor vugular porosity, trace of poor spotted stain, slight show of free oil, faint odor, poor fluorescence, fair cut.

Drill Stem Test No. 4 4332-4386

Open 15 minutes, shut in 30 minutes, open 10 minutes; weak surface blow, died in 12 minutes, did not return on second flow period. Recovered five feet of mud. ISIP 1084# FSIP N/A IFP 16-19# FFP 20-22# IHP 2210# FHP 2112# BHT 115 degrees.

4410-4460 (Altamont Zones)

This interval consisted of limestones, buff to tan with traces of brown along with considerable cream chalky lime, fair intercrystalline porosity was present in a few thin streaks, poor spotted stain was observed, slight show of free oil, faint odor, poor fluorescence with poor to fair cut.

4463 -4469 (Pawnee Zones)

Limestone, buff to tan to brown, dense to finely crystalline with scattered slightly oolitic, poor to fair scattered intercrystalline porosity, some poor vugular porosity, poor spotted stain, slight show of free oil, faint to fair odor, poor fluorescence, poor to fair cut.

4489-4509 (Myrick Station Zones)

Limestone, tan to brown, dense to finely crystalline, poor scattered intercrystalline porosity, trace of poor vugular porosity, scattered poor spotted stain, very slight show of free oil, faint fleeting odor, poor fluorescence, poor cut.

4514-4519 (Fort Scott Zones)

Limestone, tan to brown, dense to finely crystalline, some scattered oolitic, scattered poor intercrystalline porosity, trace of poor spotted stain on fracture faces and in porosity, very slight show of free oil, faint fleeting odor, poor fluorescence, poor to fair cut.

Drill Stem Test No. 5 4415-4523

Open 15 minutes, shut in 30 minutes, open 45 minutes, shut in 60 minutes; quarter-inch blow built to three-inch blow in 15 minutes on first flow; quarter-inch blow built to six-inch blow in 45 minutes on second flow. Recovered 129 feet of mud and 129 feet of

water-cut mud (95% water, 5% mud). ISIP 1231# FSIP 1220# IFP 30-67# FFP 83-143# IHP 2206# FHP 2169# BHT 120 degrees.

4529-4538 (Lower Fort Scott Zone)

Limestone, tan to brown, dense to finely crystalline with trace of scattered brown chert, zone is mostly tight with no shows of oil.

4564-4590 (Johnson Zone)

Limestone, brown, dense to finely crystalline, some scattered oolitic and dense-oolitic, zone is mostly tight and contains no shows of oil.

4590-4612 (Detrital Zone)

This section consisted of gray to varicolored shales with scattered buff limestones. A trace (few clusters) of tight, fine grained, partly glauconitic sand was present in the interval but no shows of oil were observed in any of the rock-types in this interval.

4612-4630 (Mississippian)

Limestone, cream to buff, some gray, finely crystalline and partly chalky, soft, flaky and brittle, mostly tight with no shows of oil, trace of glauconitic limestone, tight, scattered white to light gray fresh chert.

4630

Rotary Total Depth

Conclusions and Recommendations:

Sample examination, drill stem testing, and electric logging revealed no zones of possible commercial production of oil or gas in the No. 1 Ehmke "A". After consultation with all parties involved it was agreed to plug and abandon the well.

Respectfully submitted,

Robert C. Lewellyn
Petroleum Geologist

TIME RATE SCALE: 1/10" = MINUTES

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