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STARR F. SCHLOBOHM OIL
OPERATIONS

GEOLOGICAL REPORT

DUMLER SE No. 1

710' From South Line &
1930' From East Line of
Section 16 T 14 S, R 13 W
Russell County, Kansas

July 27, 2007

STARR F. SCHLOBOHM OIL OPERATIONS
10 Greenleaf Drive
Wolfeboro, New Hampshire 03894-4226

GEOLOGICAL REPORT:	DUMLER SE No. 1 710' FSL & 1930' FEL Sec. 16, T 14 S, R 13 W Russell County, Kansas
CONTRACTOR:	Royal Drilling, Inc. Russell, Kansas
DRILLING COMMENCED:	July 16, 2007
DRILLING COMPLETED:	July 23, 2007
CASING RECORD:	8 5/8" surface casing set at 803' and cemented with 375 sacks. 5 1/2" production casing set 3368' and cemented with 375 sacks.
SAMPLES:	Saved and examined from 2300' to 3450', RTD. Zones of interest are described in this report.
DRILLING TIME:	Recorded and plotted from 2300' to 3450', RTD. A copy of the drilling time/lithology log is included with this report.
DRILLSTEM TESTS:	(1) by Trilobite Testing, LLC of Hays, Kansas.
ELECTRIC LOGS:	By Superior Well Services of Hays, Kansas.
ELEVATIONS:	Kelly Bushing: 1857' Ground Level: 1852' Measurements From: K. B.

FORMATIONS:	ROTARY DEPTHS:	E. LOG DEPTHS:	DATUMS: E. Log
Anhydrite	797'	802'	+1055
Grand Haven Lime	2367	2366	- 509
Dry Shale (1st. Tarkio Sand)		2378	- 521
Dover Lime	2390	2389	- 532
Langdon Shale (2nd. Tk. Sand)		2401	- 544
Tarkio Lime	~~2336~~ 2336	2337	- 580
Willard Shale (3rd. Tk. Sand)		2463	- 606
Elmont Lime	2505	2504	- 647
Topeka Lime	2710	2710	- 853
Heebner Shale	2943	2943	-1086
Toronto Lime	2963	2964	-1107
Lansing-Kansas City	3007	3008	-1151
Base of Kansas City	3274	3276	-1419
Quartzite Sand	3295	3294	-1437
Arbuckle Dolomite	3307	3304	-1447
Total Depth	3450	3451	-1594

LITHOLOGY, ZONES OF INTEREST & TEST DATA:

1st. Tarkio Sand:

2376-2384: SS, light gray, very fine grained, both dense and soft and friable and porous. Light brown oil stain, very slight show of free oil and oily taste. No odor. Micaceous.

2nd. Tarkio Sand:

2401-2416: SS, light gray, fine grained, micaceous, pyritic, soft and friable with light oil stain, very slight show of free oil and oily taste. Faint odor.

3rd. Tarkio Sand:

2463-2474 &
2478-2484: SS, Abundant shales with small amount of light gray, fine grained, micaceous with small amount of light oil stain. No free oil or odor.

Topeka Lime:

2894-2904: LS, white, dense to chalky with some fossiliferrous porosity. Minor trace of dark oil stain with no free oil or odor.

Toronto Lime:

2964-2970: LS, white, dense with trace of light oil stain. No free oil or odor. Log shows porosity from 2966-68.

Lansing-Kansas City:

3008-3020: A zone LS, white, dense with minor rare oil stain in poor porosity. Faint odor.

3034-3038: B zone LS, white, fossiliferrous, porous, with rare light oil stain, very slight show of free oil and odor. Some white dense lime.

LITHOLOGY, cont...

Lansing-Kansas City:

3044-3052: C zone — LS, white, fine oolicastic, barren porosity with no oil stain. Porosity indicated 3050-52.

3104-3107: F zone — LS, white, fossiliferrous and porous. Some oolicastic porosity. No oil stain.

3112-3120: G zone — LS, white, fine to coarse oolicastic, porous with no oil stain.

Thin streaks of porosity in the H, I, J zones with no oil stain noted. No porosity and no oil stain in the K and L zones.

3286-3290: LS, brown, dense and nodular, very hard (called white lime on log). This lime very unrepresentive for this interval.

Quartzite Sand:

3094-3300: SS, samples circulated at 3295 and 3300 showed abundant quartzitic sand; coarse grained, dense, few sand inclusions and some medium to coarse sand clusters. Light brown oil stain and quick faint odor. No free oil noted. Some milky white to clear medium to coarse grained, sub angular and some friable and porous. Light brown oil stain and quick odor. E. log shows minor porosity 3297-99.

3300-3310: SS, samples circulated at 3310 showed abundant white quartz sand withmedium to coarse grained sand clusters, soft and porous with increase of light brown oil stain. Slight show of free oil and good odor. Bottom sample showed some white, fine crystalline dolomite withsand inclusions.

DRILLSTEM TEST No. 1: 3270 to 3310. Tool open 5 min. with strong blow. Blew off bottom of bucket in 1 1/2 min.

Tool Shut In 45 minutes
Tool open 30 minutes with strong blow throughout open period.
Tool Shut In 45 minutes.

Recovery:
165' of oil & gas cut muddy water
5% gas, 10% oil, 55% water, 30% mud
360' of oil & gas cut muddy water
5% gas, 10% oil, 65% wtr, 20% mud
600' of oil & gas cut water
5% gas, 12% oil, 83% water
180' slight oil cut water
1% oil and 99% water

Initial Flow Pressure:	116-181 psi
Initial shut in Press.	1090 psi
Final Flow Pressure:	227-618 psi
Final Shut in Press.	1076 psi

LITHOLOGY, cont...

Arbuckle Dolomite:

3304-3310: DOL; E. Log indicates the top of the Arbuckle @ 3304 with white fine to medium crystalline dolomite with sand inclusions. Spotty dark oil stain with show of free oil and good oil odor. Fair saturation. The interval covering the Quartz sand and the upper Arbuckle were included in the drillstem test interval. Positive results.

E. log shows good porosity from 3305-09.

3310-3320: DOL: as above with fine to coarse sand inclusions. Fine to coarse crystalline with increase in oil staining. Fair saturation show of free oil and good oil odor. Good porosity.

3320-3330: DOL: white, fine to coarse crystalline withsand inclusions. Scattered dark spotty oil stain, dark show of free oil and good oil odor. Good porosity.

3330-3350: DOL & QUARTZ SD. 50/50 with spotty dark oil stain, fair saturation, slight show of free oil and good oil odor. With medium sand clusters. Fair to good porosity.

3350-3368: DOL: as above with sand as above. Still sand clusters, spotty oil stain-saturation, slight show of free oil and odor.

3368-3380: DOL: white, very fine dense with trace of oil stain. Still some sand clusters. Slight to fair porosity.

3380-3398: DOL: as above and SS as above with trace of dark oil stain. Dolomite mostly dense.

3398-3434: DOL: as above with ss clusters and trace of dark oil stain.

3434-3450: DOL: Fine crystalline dense to medium crystalline porous with abundant coarse, rounded qyartz grains, rounded and unconsolidated. Some fine to medium grained sand clusters. Definite increase in coarse unconsolidate sand grains and sand clusters. Only trace of oil stain noted.

REMARKS & RECOMMENDATIONS:

Based on sample analysis and E. log porosities, I recommend the following completion:

First: Perforate and test the Quartzite Sand 3297-99
Then: Perforate the upper Arbuckle from 3305-09
3rd. Perforate the B zone from 3034-37
4th. Perforate the Toronto from 2966-68

Respectfully submitted;

Francis C. Whisler