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GEOLOGICAL REPORT FOR  
SCHECK OIL OPERATIONS, INC.  
Lic. No. 9292  
225 North Main St.  
Russell, Kansas 67665

Ruggels A-9 API No. 15-141-20389  
SW SE NW of Sec. 23, T 10 S, R 15 W  
Osborne County, Kansas

June 2, 2008

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SCHECK OIL OPERATIONS, INC.

225 North Main St.  
Russell, Kansas 67665

GEOLOGICAL REPORT: Ruggels A-9  
SW SE NW Sec. 23, T 10 S, R 15 W  
Osborne County, Kansas

CONTRACTOR: Warren Energy, LLC  
Lic. No. 33724  
7570 W 21 st. N. Bldg. 1050  
Wichita, Kansas 67205

DRILLING COMMENCED: May 20, 2008

DRILLING COMPLETED: May 29, 2008

CASING RECORD: 273 Ft. 8 5/8' Surface casing cemented  
with 165 sx. cement.  
3482 ft. of 4 1/2" production casing  
cemented with 250 sx.

DRILLING TIME: Recorded and plotted from 2350' to  
3490', RTD. A copy of the plotted  
drilling time, lithology log  
is included with this report.

SAMPLES: Saved and examined from 2350' to 3490',  
RTD. Zones of interest are described  
in this report.

DRILLSTEM TESTS: 4 by Trilobite Testing, Inc. of  
Hays, Kansas.

ELECTRIC LOGS: By Log-Tech of Hays, Kansas.  
Radiation-Guard-Caliper &  
Microresistivity.

ELEVATIONS: Kelly Bushing: 1878'  
Ground Level: 1870'  
Measurements From: K. B.

WELL STATUS: Casing set for completion as a  
producing well.

FORMATIONS:	ROTARY DEPTHS:	E. LOG DEPTHS:	E. LOG DATUMS:
Anhydrite	1035-71	1030-67	+ 848
Grand Haven Lime	2465		
Tarkio Lime	2536	2532	- 654
Elmont Lime	2592	2588	- 710
Topeka Lime	2744	2738	- 860
Heebner Shale	2992	2985	-1107
Toronto Lime	3012	3006	-1128
Lansing-Kansas City	3040	3034	-1156
Base of Kansas City	3314	3305	-1427
Conglomerate Sand	3404	3394	-1516
Conglomerate Chert	3418	3406	-1528
Total Depth	3490	3484	-1606

LITHOLOGY: ZONES OF INTEREST & DRILLSTEM TEST DATA:

TARKIO SECTION:

Drilling and circulated samples in the Tarkio section indicated that all three sands were in place with very fine to fined grained, slightly mica-ceous and slightly pyritic sands with no show of oil noted.

TOPEKA LIME: (all zones corrected to E. Log depths)

2769-2778: LS-white, buff with pin point and slight fossil porosity  
 Chesney Zn. fair oil stain, good saturation with show of free oil  
 and good oil odor. Trace of chert.

2948-2960: LS-white, fossiliferous and slight chalky with fair fossil  
 Plattsmouth porosity, scattered oil stain, fair saturation with show  
 of free oil and good odor.

TORONTO LIME:

3006-3010: LS-white, buff, dense to slight fossil and pin point porosity  
 with rare light oil stain and faint odor. No free oil.  
 Tested by drillstem test No. 1.

LANSING-KANSAS CITY:

3034-3038: LS-white, dense to slightly oolitic and poor visible porosity.  
 A zone Trace of light oil stain but no free oil or odor. Tested  
 by drillslem test No. 1.  
 Drillstem Test No. 1 on next page.

DRILLSTEM TEST No. 1 2984-3044 (corrected to E. Log depths) (Tor. & A zn.)

Tool open: 30 minutes with weak blow. (Slid tool  
to bottom).  
Tool shut in: 45 minutes  
Tool open: 60 minutes with weak blow (slid tool)  
Tool shut in: 45 minutes.  
Recovery: 65 ft. of drilling mud  
IFP: 29-37 psi  
IBHP: 690 psi  
FFP: 39-65 psi  
FBHP: 362 psi  
HSH: 1498-1460 psi

3064-69: LS-white, dense to chalky with fair oolitic porosity and rare  
B zn. light oil stain and faint odor. No free oil. Tested by  
drillstem test No. 2.

DRILLSTEM TEST No. 2: 3053-3074 (corrected depth)

Tool open: 30 minutes with weak surface blow  
Tool shut in: 45 min.  
Tool open: 30 min. with weak surface blow  
Tool shut in: 45 min.  
Recovery: 25' of drilling mud with show of  
oil in tool  
IFP: 9-11 psi  
IBHP: 50 psi  
FFP: 9-12 psi  
FBHP: 50 psi HSH: 1507-1472 psi

3078-3083: LS-white, oolitic and oolitic with good porosity, fair oil  
C zn. stain-saturation, slight show of free oil and odor. Test-  
ed by drillstem test No. 3.

DRILLSTEM TEST No. 3: 3072-3094 (corrected depth)

Tool open: 15 min. strong blow, OB in 15 min  
Tool shut in: 45 min.  
Tool open: 45 min. strong blow, OB in 10 min.  
Tool shut in: 45 min.  
Recovery: 515 ft. of gas in pipe  
25 ft. of oil cut, gassy mud  
IFP: 8-10 psi  
IBHP: 108 psi  
FFP: 9-14 psi  
FBHP: 103 psi  
HSH: 1529-1479

3122-3130: LS-white, very dense with trace of fossil porosity. Very  
F zone rare light oil stain with no free oil or odor.

3132-3146: LS-white, medium to coarse oolitic and oolitic with fair  
G zone oil stain-saturation, fair show of free gassy oil and  
good odor. Good porosity. Tested by drillstem test #4.

DRILLSTEM TEST No. 4: 3129-3137 (corrected depths)

Tool open: 15 min. with strong blow

Tool shut in: 45 min.

Tool open: 45 min with strong blow OBB 35 min.

Tool shut in: 45 min

Recovery: 155' of muddy water with spots of  
oil on top.

IFP: 14-36 psi

IBHP: 241 psi

FFP: 39-82 psi

FBHP: 227 psi

HSH: 1498-1470 psi

3178-3196: LS-white, light gray, dense with no show of oil noted.  
H zone

3200-3216: LS-white, crystalline, dense with minor trace of light oil  
I zone stain.

3220-3246: LS-white, dense with trace of oolitic porosity and minor  
J zn. trace of light oil stain to rare stain. Porosity indicated  
3230-34.

3260-3276: LS-white, dense to slight chalky with no show of oil noted.  
K zn.

3288-3305: LS-white, light gray, dense to chalky with no oil show.  
L zn. Base of Kansas City @ 3305.

Conglomerate Sand:

3394-3402: SS-clear, medium to coarse grained, good clusters with  
oil stain and saturation. Show of free oil but no odor.

Conglomerate Chert:

3406-TD: Chert, very colored, pink, red and white with vary colored  
shales washing red. Some green shale noted below 3456.  
Probably Simpson Shale? Still carrying chert and shales  
above.

REMARKS & RECOMMENDATIONS:

On the Ruggels A-9 the Lansing subsea datum of 1156 compares very favorably with the other producing wells on the lease.

During the drilling of the well several zones of oil staining and porosity were noted and four drillstem tests were taken. Drillstem test #3 (covering the C zone of the Lansing) had positive results. In addition to the potential C zone, the Plattsmouth zone and the Chesney zone of the Topeka appear to be productive.

During the drilling of the well the F zone and the J zone of the Lansing did not appear to be productive, based on oil shows and poor visible porosity. However, after running the electric logs both the F and J zones indicated fair porosity and permeability and may be considered for testing.

So, my recommendation is to perforate and acidize the J zone (3230-3234), the F zone (3124-3127), the C zone (3080-3084), the Plattsmouth zone (2950-2956) and the Chesney zone (2770-2778).

Respectfully submitted;

*Francis C. Whisler*  
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