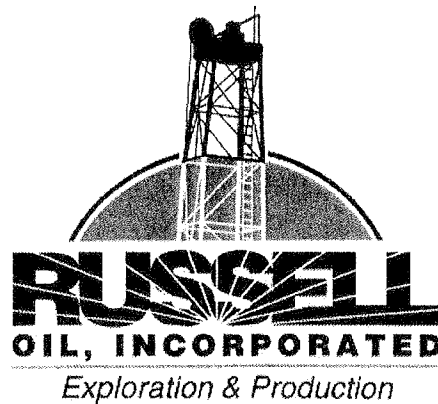


REPORT COPY

75-10s-23w
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GEOLOGICAL REPORT



No. 2-25 Bollig "D"
1950' FSL & 670' FEL
Section 25-10S-23W
Graham County, Kansas

15-065-23246-00-00

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 19 2007

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CONSERVATION DIVISION
WICHITA, KS

OPERATOR: Russell Oil, Inc.

WELL: No. 2-25 Bollig "D"
API # 15-065-23,246-00-00

LOCATION: 1950' from the South Line
670' from the East Line
Section 25-10S-23W
Graham County, Kansas

FIELD: Prairie Glen

CONTRACTOR: Shields Drilling Inc.

DRILLING COMMENCED: 12-11-2006

DRILLING COMPLETED: 12-27-2006

DRILLING TIME: One (1) foot drilling time was recorded
from 3150' to 4360' RTD.

SAMPLES: Samples were saved and examined from 3200'
to 4360' RTD.

ELEVATIONS: 2342' Ground Level 2347' Kelly Bushing

MEASUREMENTS: All depths are measured from 2347' K.B.

CASING RECORD: 8 5/8" Surface Casing set @ 219' with 175 sxs. common
5 1/2" Production Casing set @ 4136' with 175sxs. AA-2

FORMATION TESTING: Four (4) tests were run by Trilobite Testing Inc.
Tyson Flax, Tester

MUD: Mud-Co. (Chemical Mud)

OPEN HOLE LOGS: Log-Tech (RAG)

PRODUCTION: Oil

FORMATION TOPS:

FORMATION	LOG	DATUM
ANHYDRITE	1864'	+ 483'
BASE ANHYDRITE	1901'	+ 446'
TOPEKA	3354'	-1004'
HEEBNER SHALE	3575'	-1225'
TORONTO	3596'	-1247'
LANSING	3610'	-1261'
MUNCIE CREEK SHALE	3736'	-1389'
STARK SHALE	3800'	-1452'
BASE KANSAS CITY	3834'	-1486'
RE-WORKED ARBUCKLE	4074'	-1727'
ARBUCKLE	4083'	-1736'
LOG TOTAL DEPTH	4170'	-1823'
LOG TOTAL DEPTH	4360'	-2013'

SAMPLE DESCRIPTIONS AND TEST DATA:

TOPEKA:

3372-3378 Limestone, tan and gray, finely crystalline, slightly oolitic, with poor visible porosity, chalky in part in slight dead staining, now show of oil, no odor

TORONTO:

3594-3607 Limestone, tan and gray, finely crystalline, mostly dense with abundant pyrite, poor visible porosity, no shows of oil

LANSING:

3610-3620 Limestone, tan and cream, finely crystalline, oolitic and fossiliferous with fair to good visible intercrystalline and pinpoint vugular porosity, fair spotted staining and saturation and very slightly show of oil on break, light odor.

FORMATION TEST NO. 1

Lansing-K.C (A)

Tested from 3604'-3525'

<i>B.O.B. in 20 min.</i>	45 min.	I.H.P.	1737#
<i>No blow-back</i>	45 min.	I.F.P.	21# -183#
<i>B.O.B. in 42 min.</i>	45 min.	<u>I.S.I.P.</u>	<u>587#</u>
<i>No blow-back</i>	45 min.	F.F.P.	185# -245#
		F.S.I.P.	<u>580#</u>
		F.H.P.	1685#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY: 45' Muddy Water
 360' Water

TEMPERATURE: 104*

CHLORIDES: 42,000 ppm (Recovery) 2,100 ppm (System)

3650-3658 Limestone, cream, white and gray, oolitic and slightly fossiliferous, fair interparticle porosity, slightly chalky, fair spotted staining, fair show of free oil, fair odor

FORMATION TEST NO. 2

Lansing-K.C (C-D)

Tested from 3630'-3660'

<i>Weak surface blow</i>	30 min.	I.H.P.	1765#
<i>No blow-back</i>	30 min.	I.F.P.	21# -19#
<i>Weak surface blow, died in 10 min.</i>	30 min.	<u>I.S.I.P.</u>	<u>24#</u>
<i>No blow-back</i>	30 min.	F.F.P.	20# -18#
		F.S.I.P.	<u>21#</u>
		F.H.P.	1739#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY: .5' Mud

TEMPERATURE: 101*

CHLORIDES: N/A ppm (Recovery) 3,100 ppm (System)

3665-3674 Limestone, gray, finely crystalline, dense, no show of oil noted

3688-3694 Limestone, white, tan and gray, finely crystalline, dense, chalky in part, no shows of oil

3700-3707 Limestone, tan and light gray, finely crystalline, chalky, slightly oolitic, with fair interoolitic porosity, fair staining, fair show of free oil on break, light odor

FORMATION TEST NO. 3

Lansing-K.C (F-G)

Tested from 3692'-3708'

<i>Weak blow building to 2 ½"</i>	30 min.	I.H.P.	1803#
<i>Very weak surface blow</i>	30 min.	I.F.P.	22# -37#
<i>Weak blow building to 2"</i>	45 min.	<u>I.S.I.P.</u>	<u>814#</u>
<i>No blow back</i>	45 min.	F.F.P.	44# -62#
		F.S.I.P.	<u>810#</u>
		F.H.P.	1763#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY: 30' Watery Mud
60' Muddy Water

TEMPERATURE: 103*

CHLORIDES: 50,000 ppm (Recovery) 3,100 ppm (System)

- 3712-3716 Limestone as above, no show of oil
- 3750-3754 Limestone, finely crystalline, chalky, poor porosity, no shows of oil
- 3772-3777 Limestone as above
- 3786-3792 Limestone, preem and gray, dense to finely crystalline, slightly oolitic and fossiliferous with poor visible interoolitic porosity, slight spotted staining, slight show of free oil, light odor

FORMATION TEST NO. 4

Lansing-K.C (I, & J,)

Tested from 3735'-3792'

<i>Weak blow building B.O.B. 28 min.</i>	45 min.	I.H.P.	1840#
<i>No blow-back</i>	45 min.	I.F.P.	27# -51#
<i>B.O.B. in 30 min.</i>	45 min.	<u>I.S.I.P.</u>	<u>1102#</u>
<i>No blow-back</i>	60 min.	F.F.P.	56# -78#
		F.S.I.P.	<u>1103#</u>
		F.H.P.	1783#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY: 355' Gas in Pipe
125' Gassy Muddy Oil

TEMPERATURE: 106*

CHLORIDES: N/A ppm (Recovery) 2,500 ppm (System)

- 3808-3813 Limestone, white and gray, finely crystalline, dense, chalky in part, rare spotted staining, no show of free oil

The Pleasanton and Marmaton were penetrated with no sand development and no show of oil.

4072-4090 Dolomite, gray and tan, fine to medium crystalline with poor to fair visible crystalline porosity, no shows of oil were noted

STRUCTURAL COMPARISION:

	Russell Oil, Inc. No. 2-25 Bollig D 1950' FSL & 670' FEL Sec. 25 OIL	Russell Oil, Inc. No. 1-25 Bollig D 2310' FSL & 1410' FWL Sec. 25 OIL
ANHYDRITE	+ 465'	+495'
BASE ANHYDRITE	+ 446'	+453'
TOPEKA	-1007'	-1004'
HEEBNER SHALE	-1228'	-1225'
TORONTO	-1249'	-1247'
LANSING	-1263'	-1261'
BKS	-1487'	-1486'

SUMMARY:

The No. 2-25 Bollig "D" was under geological supervision from 3150' to 4170' RTD after wich the well was log and drilled to 4360' for the purpose of a future saltwater disposal well. With the positive results drill stem test No.4 it was decided to complete this well through perforations.

Respectfully submitted,



Todd E. Morgenstern