

# DIAMOND TESTING

P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 30037.D071

Company Russell Oil, Inc. Lease & Well No. Seele Unit "C" No. 1  
Elevation 3211 KB Formation Fort Scott Effective Pay      Ft. Ticket No. M071  
Date 12-15-10 Sec. 36 Twp. 10S Range 34W County Thomas State Kansas  
Test Approved By Steven P. Murphy Diamond Representative Michael Cochran

Formation Test No. 1 Interval Tested from 4,584 ft. to 4,605 ft. Total Depth 4,605 ft.  
Packer Depth 4,579 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Packer Depth 4,584 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.

Depth of Selective Zone Set      ft.  
Top Recorder Depth (Inside) 4,571 ft. Recorder Number 30037 Cap. 5,000 psi  
Bottom Recorder Depth (Outside) 4,602 ft. Recorder Number 13386 Cap. 3,875 psi  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor H2 Drilling, LLC - Rig 2 Drill Collar Length 244 ft. I.D. 2 1/4 in.  
Mud Type Chemical Viscosity 67 Weight Pipe Length      ft. I.D.      in.  
Weight 9.4 Water Loss 8.8 cc. Drill Pipe Length 4,313 ft. I.D. 3 1/2 in.  
Chlorides 3,400 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 21 ft. Size 4 1/2 - FH in.  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Very weak, surface blow building to 5 ins. No blow back during shut-in.  
2nd Open: Weak, surface blow building to 4 ins. No blow back during shut-in.

Recovered 214 ft. of gas in pipe (60' in drill pipe; 154' in drill collars)  
Recovered 60 ft. of clean oil = .295200 bbls. (Gravity: 37.6 @ 60°)  
Recovered 30 ft. of oil cut mud = .147600 bbls. (Grind out: 15%-oil; 85%-mud)  
Recovered 90 ft. of TOTAL FLUID = .442800 bbls.  
Recovered      ft. of     

Remarks Tool Sample Grind Out: 100%-oil

Time Set Packer(s) 3:25 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 6:25 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 122°  
Initial Hydrostatic Pressure ..... (A) 2232 P.S.I.  
Initial Flow Period ..... Minutes 30 (B) 6 P.S.I. to (C) 23 P.S.I.  
Initial Closed In Period ..... Minutes 45 (D) 955 P.S.I.  
Final Flow Period ..... Minutes 45 (E) 24 P.S.I. to (F) 35 P.S.I.  
Final Closed In Period ..... Minutes 60 (G) 884 P.S.I.  
Final Hydrostatic Pressure ..... (H) 2225 P.S.I.

# Diamond Testing

## General information Report

### General Information

Company Name RUSSELL OIL, INC.

Contact	LEROY HOLT	Job Number	M071
Well Name	SEELE UNIT C #1	Representative	MIKE COCHRAN
Unique Well ID	DST1 4584-4605 FT.SCOTT	Well Operator	RUSSELL OIL, INC.
Surface Location	SEC36-10S-34W THOMAS CO. KS.	Report Date	2010/12/16
Well License Number		Prepared By	MIKE COCHRAN
Field	WILDCAT		
Well Type	Vertical		

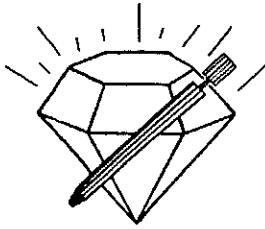
Test Type	CONVENTIONAL	Start Test Time	23:53:00
Formation	DST1 4584-4605 FT.SCOTT	Final Test Time	09:44:00
Well Fluid Type	01 Oil		
Start Test Date	2010/12/15		
Final Test Date	2010/12/16		
Gauge Name	30037		
Gauge Serial Number			

### Test Results

RECOVERED: 214' G.I.P.  
60' CO  
30' OCM  
90' TOTAL FLUID

GRAVITY: 37.6 @ 60 DEG.

TOOL SAMPLE: 100% OIL



# DIAMOND TESTING

P.O. Box 157  
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STC 30037.D072

Company Russell Oil, Inc. Lease & Well No. Seele Unit "C" No. 1

Elevation 3211 KB Formation Cherokee/Johnson Effective Pay      -- Ft. Ticket No. M072

Date 12-17-10 Sec. 36 Twp. 10S Range 34W County Thomas State Kansas

Test Approved By Steven P. Murphy Diamond Representative Michael Cochran

Formation Test No. 2 Interval Tested from 4,630 ft. to 4,710 ft. Total Depth 4,710 ft.

Packer Depth 4,625 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.

Packer Depth 4,630 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.

Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 4,617 ft. Recorder Number 30037 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,707 ft. Recorder Number 13386 Cap. 3,875 psi

Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor H2 Drilling, LLC - Rig 2 Drill Collar Length 244 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 59 Weight Pipe Length      -- ft. I.D.      -- in.

Weight 9.3 Water Loss 7.8 cc. Drill Pipe Length 4,359 ft. I.D. 3 1/2 in.

Chlorides 4,000 P.P.M. Test Tool Length 27 ft. Tool Size 3 1/2 - JF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 17' perf. w/63' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, surface blow building to 9 ins. Very weak, surface blow back during shut-in.  
2nd Open: Weak, surface blow building to 8 ins. in 30 mins. Continued building to 8 1/2 ins. at end. Weak, surface blow back during shut-in.

Recovered 120 ft. of gas in pipe

Recovered 100 ft. of mud cut oil = 1.423000 bbls. (Grind out: 40%-mud; 60%-oil)

Recovered 122 ft. of gas & heavy oil cut watery mud = .600240 bbls. (Grind out: 8%-gas; 39%-oil; 6%-water; 47%-mud)

Recovered 122 ft. of gas & oil cut watery mud = .600240 bbls. (Grind out: 6%-gas; 12%-oil; 24%-water; 58%-mud)

Recovered 344 ft. of TOTAL FLUID = 2.623480 bbls.

Remarks Tool Sample Grind Out: 4%-oil; 68%-water; 28%-mud Chlorides: 26,000 Ppm  
No electronic recorder chart. PH: 8.0 RW: 0.6 @ 40°

Time Set Packer(s) 4:55 <sup>AM</sup>/<sub>PM</sub> Time Started Off Bottom 8:10 <sup>AM</sup>/<sub>PM</sub> Maximum Temperature      --

Initial Hydrostatic Pressure ..... (A) 2335 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 72 P.S.I. to (C) 123 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 372 P.S.I.

Final Flow Period ..... Minutes 60 (E) 163 P.S.I. to (F) 173 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 362 P.S.I.

Final Hydrostatic Pressure ..... (H) 2329 P.S.I.

# Diamond Testing

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## General information Report

### General Information

Company Name RUSSELL OIL, INC.

Contact	LERROY HOLT	Job Number	M072
Well Name	SEELE UNIT C #1	Representative	MIKE COCHRAN
Unique Well ID	DST2 4630-4710 CHEROKEE/JOHNSON	Well Operator	RUSSELL OIL, INC.
Surface Location	SEC36-10S-34W THOMAS CO. KS.	Report Date	2010/12/17
Well License Number		Prepared By	MIKE COCHRAN
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	01:36:00
Formation	DST2 4630-4710 CHEROKEE/JOHNSON	Final Test Time	11:37:00
Well Fluid Type	01 Oil		
Start Test Date	2010/12/17		
Final Test Date	2010/12/17		

### Test Results

RECOVERED: 120' G.I.P.  
100' MCO 60% OIL, 40 % MUD'  
122' GHOCWM 8% GAS, 39% OIL, 6% WTR, 47% MUD  
122' GOCWM 6% GAS, 12% OIL, 24% WTR, 58% MUD

TOOL SAMPLE: 4% OIL, 68% WTR, 28% MUD