

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1052933

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM

### WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil       WSW       SWD       SIOW         Gas       D&A       ENHR       SIGW         OG       GSW       Temp. Abd.         CM (Coal Bed Methane)       Cathodic       Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: feet depth to: w/ sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)         Chloride content: ppm Fluid volume: bbls         Dewatering method used:         Location of fluid disposal if hauled offsite:         Operator Name:         Lease Name:         Quarter Sec         TwpS. R         Decounty:
Spud Date or     Date Reached TD     Completion Date or       Recompletion Date     Recompletion Date	

#### AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

### Submitted Electronically

KCC Office Use ONLY						
Letter of Confidentiality Received						
Date:						
Confidential Release Date:						
Wireline Log Received						
Geologist Report Received						
UIC Distribution						
ALT I II III Approved by: Date:						

	Side Two	1052933
Operator Name:	Lease Name:	Well #:
Sec TwpS. R □ East □ West	County:	

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		]Log Formatio	on (Top), Depth an	d Datum Top	Sample
Samples Sent to Geolog	gical Survey	Yes No		ame		юр	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASI	NG RECORD	New Used			
		Report all strings s	set-conductor, surface,	intermediate, produc	tion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot			RFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					ement Squeeze Record d of Material Used)	Depth	
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENHF	<b>λ</b> .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF (	GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sub	mit ACC	)-18.)		Other (Specify)	)					

Form	ACO1 - Well Completion		
Operator	Russell Oil, Inc.		
Well Name	Seele C Unit 1		
Doc ID	1052933		

All Electric Logs Run

SECTOR BOND LOG DUAL COMPENSATED POROSITY DUAL INDUCTION MICRORESISTIVITY COMPUTER PROCESSED INTERPRETATION

Form	ACO1 - Well Completion			
Operator	Russell Oil, Inc.			
Well Name	Seele C Unit 1			
Doc ID	1052933			

Tops

Name	Тор	Datum	
ANHYDRITE	2683	+528	
BASE ANHYDRITE	2708	+503	
HEEBNER	4080	-869	
TORONTO	4100	-889	
LANSING	4122	-911	
MUNCIE CREEK	4269	-1058	
STARK	4351	-1140	
BASE KC	4411	-1200	
PAWNEE	4532	-1321	
MYRICK STATION	4567	-1356	
FORT SCOTT	4592	-1381	
CHEROKEE	4621	-1410	
MORROW SHALE	4702	-1491	
MISSISSIPPIAN	4732	-1521	

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802

Thomas E. Wright, Chairman Ward Loyd, Commissioner



phone: 316-337-6200 fax: 316-337-6211 http://kcc.ks.gov/

Corporation Commission

Sam Brownback, Governor

March 29, 2011

LEROY HOLT II Russell Oil, Inc. PO BOX 8050 EDMOND, OK 73083

Re: ACO1 API 15-193-20784-00-00 Seele C Unit 1 NW/4 Sec.36-10S-34W Thomas County, Kansas

**Dear Production Department:** 

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, LEROY HOLT II

	MUD LOG WellSight Systems Scale 1:240 (5"=100') Imperial Measured Depth Log
	Seele Unit C#1
Location:	Thomas County
	API #15-193-20,784-00-00 Region: Kansas
Spud Date:	
Surface Coordinates:	2890' FSL & 990 FWL (S/2 SE SW NW)
	Section 36-Township 10S-Range 34 W
Bottom Hole Coordinates:	Same as above
	No significant deviation from vertical
Ground Elevation (ft):	3200' K.B. Elevation (ft): 3211'
	3600' To: 4810' Total Depth (ft): RTD-4810' LTD-4810'
Formation:	Topeka through Mississippian
Type of Drilling Fluid:	Chemical (Mudco) - Reid Atkins, Mud Engineer
- <u>, -</u>	Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

### OPERATOR

Company: Russell Oil, Inc. Address: P.O. Box 8050 Edmond, OK 73083

### GEOLOGIST

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Name: Steven P. Murphy, PG Company: 3365 County Rd 390 Address: Otis, Kansas 67565 Cell: 620-639-3030 Email: geomurphy55@yahoo.com

#### FORMATION LOG TOPS

Log-Tech (Hays shop) performed the following open-hole logging operations: Compensated Neutron/Density, Dual Induction, & Microlog. The following are formation tops from the open-hole logs (including datums): Top Anhydrite: 2683 (+528) Base Anhydrite: 2708 (+503) Heebner: 4080 (-869) Toronto: 4100 (-889) Lansing: 4122 (-911) Muncie Creek: 4269 (-1058) Stark: 4351 (-1140) Base KC: 4411 (-1200) Pawnee: 4532 (-1321) Myrick Station: 4567 (-1356) Fort Scott: 4592 (-1381) Cherokee: 4621 (-1410) Morrow Shale: 4702 (-1491) Mississippian: 4732 (-1521)

#### DST RESULTS

The following drill-stem tests were performed by Mike Cochran with Diamond Testing (Hoisington, KS shop):

DST #1: 4584-4605 (Ft. Scott) 30:45:45:60 IF: Built to 5", no return FF: Built to 4", no return Recovery: 214' GIP, 60' Clean oil (Gravity 37.6), 30' Oil Cut Mud (15% O, 85% M) IHP: 2232 FHP: 2225 IFP: 6-23 **ISIP: 955** FFP: 24-35 FSIP: 884 BHT: 122 deg F DST #2: 4630-4710 (Cherokee Johnson Zone) 30:45:60:60 IF: Built to 9", Wk surface return FF: Built to 8", Wk surface return Recovery: 120' GIP, 100' Mud Cut Oil (60% O, 40% M), 122' Gassy Heavily Oil Cut Watery Mud (8% G, 39% O, 6%W, 47% M), 122' Gassy Oil Cut Watery Mud (6% G, 12% Oil, 24% W, 58% M) IHP: 2335 FFP: 2329 IFP: 30-72 **ISIP: 372** FFP: 163-173 FSIP: 362 BHT: 123 deg F Chlorides: 26,000 ppm

#### COMMENTS

The Seele Unit C#1 was drilled by H2 Rig #2 (toolpusher Steve Craig).

8 5/8" surface casing was set @ 270 w/270 sacks.

Drilling mud was displaced @ 3526'.

A Bloodhound gas detector unit supplied by Bluestem Environmental was utilized for analysis of total gas, & C1 thru C4, and the results incorporated into this Geological Report (Mudlog).

2300' - 3/4 2797' - 1/2

The drill pipe was strapped @4605' (DST #1): Strap was 0.58' short to board (No correction made)

Based on the results of DST #1 & DST #2, it was recommended that casing be run to produce the Johnson Zone & Fort Scott.

Sincerely,

Steven P. Murphy, PG Ks Licensed Geologist (#228)

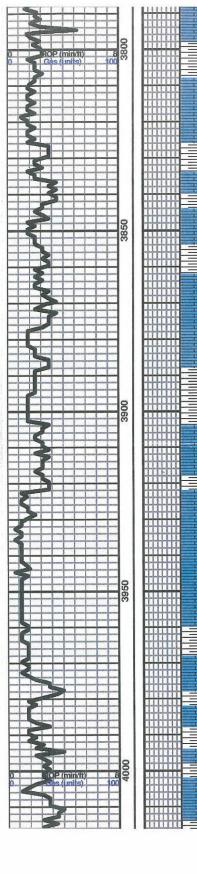
Anhy Anhy Bent a o c o o Brec A A A A Cht	Clyst Coal Coal	ROCK TYPES Gyp Igne Lmst Meta	mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm	Shgy Sitst Ss Ss Till
		ACCESSORIES		
MINERAL         ☑       Anhy         ☑       Arggrn         ☑       Arg         ☑       Bent         ☑       Bit         ☑       Brecfrag         ☑       Calc         ☑       Carb         ☑       Carb         ☑       Chtlk         ☑       Dol         壬       Feldspar         ☑       Ferrpel         ☑       Glau	Solution       Gyp         Image: Constraint of the state       Hvymin         Image: Constraint of the state       Mari         Image: Constraint of the state       Minxl         Image: Constrait of the state       Minxl	FOSSIL         Image         Image	☑       Ostra         ☑       Pelec         ☑       Pellet         ☑       Plant         ☑       Strom         STRINGER       Anhy         ☑       Anhy         ☑       Dol         ☑       Dol         ☑       Ls         ☑       Mrst	Sltstrg Ssstrg TEXTURE Boundst Chalky CC Chalky CC CryxIn E Earthy Earthy FinexIn G Grainst Lithogr MicroxIn MicroxIn Mis Mudst Packst Wackest
			<b>C</b>	
POROSITY E Earthy ■ Fenest F Fracture ⊠ Inter ⊠ Moldic ■ Organic ■ Pinpoint	☑ Vuggy SORTING ☑ Well ☑ Moderate ☑ Poor	OTHER SYMBOLS ROUNDING ROUNDED Suband Subang Angular OIL SHOW Even	Spotted     Ques     Dead     INTERVAL     Core     Dst	EVENT ▶ Rft ▶ Sidewall

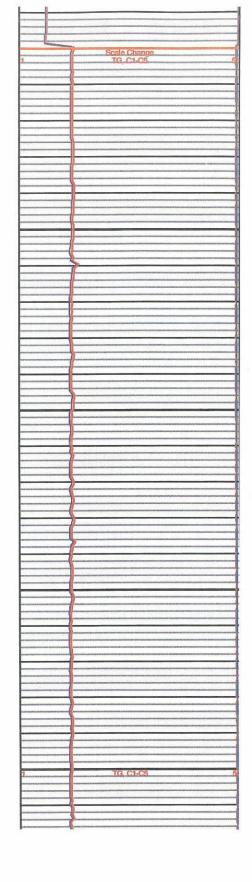
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Curve Track 1 ROP (min/ft) Gas (units)	Depth	Percelly Type 24% 18% POFOSITY 12% 6%	Lithology	Geological Descriptions	TG, C1-C5         TG (Units)         C1 (units)         C2 (units)         C3 (units)         C4 (units)         C5 (units)
	3750 3750 3700 3650 3650				1     TG, CLCS     101       Image: State of the sta

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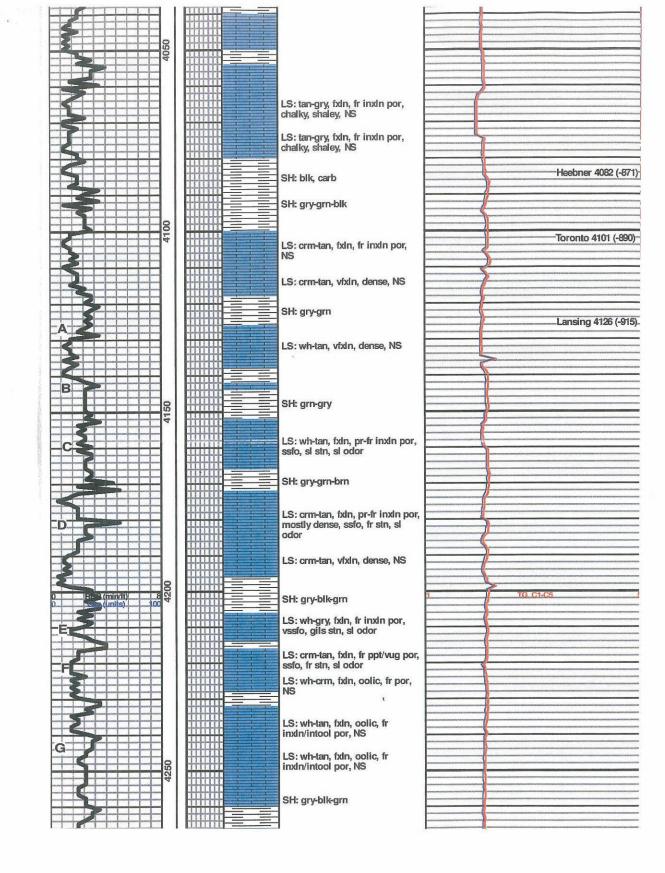
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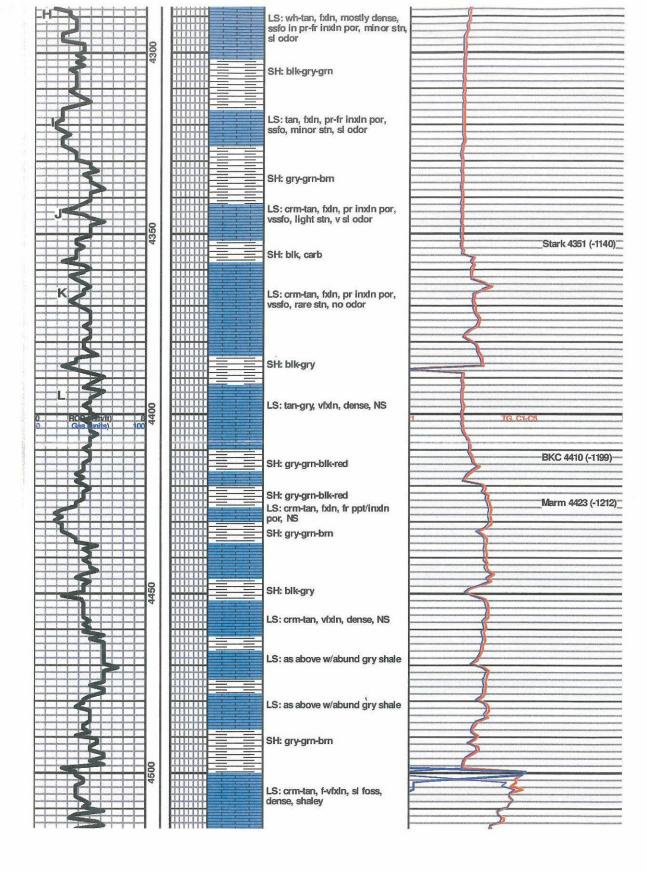


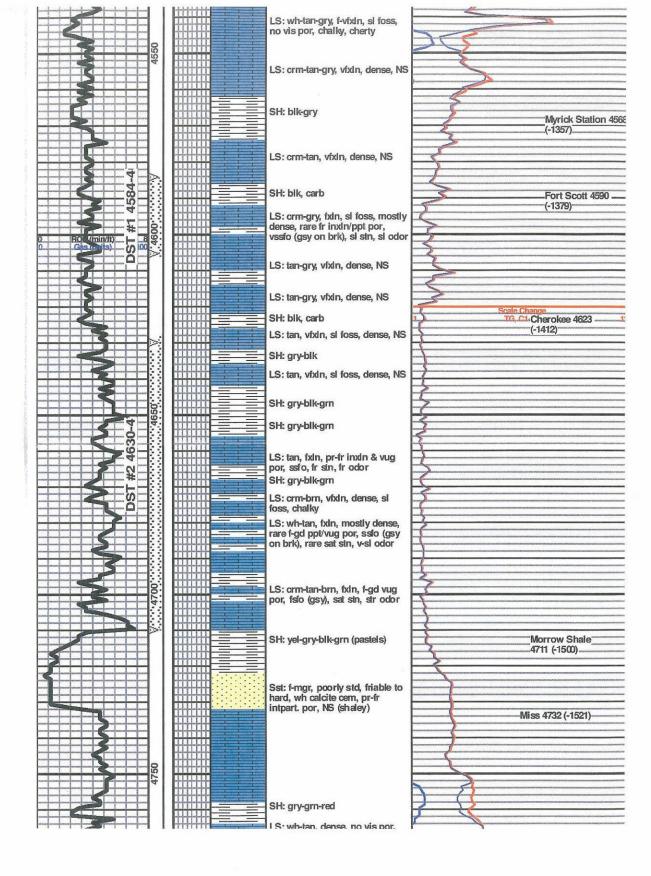
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	LS: wh-tan, vfxln, sl foss, dense	
HCP (mir 49) 884	LS: wh-tan, vfxln, sl foss, dense, abund gry shales	1 TG. C1-C5 12
		NOTE: increase in gas from dumped oil from DST #2, no- shows visible in samples below test interval

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Printed from NeuraView 01/06/11



# DIAMOND TESTING

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

Page 1 of 2 Pages

Company <u>Russell Oil</u> , Inc.	
	Lease & Well No. Seele Unit "C" No. 1
Elevation 3211 KB Formation Fort Scott	Effective PayFt. Ticket No. M071
Date <u>12-15-10</u> Sec. <u>36</u> Twp. <u>105</u> Range <u>34</u>	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 Depth4,579 ft. Size63/4 in.	Packer Depthft. Size in.
Packer Depth4, 584 ft. Size6 3/4 in.	Packer Depthft. Size in.
Depth of Selective Zone Setft.	
Top Recorder Depth (Inside) 4,571 ft.	Recorder Number 30037 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,602 ft.	Recorder Number <u>13386</u> Cap. <u>3,875</u> psi
Below Straddle Recorder Depthft.	Recorder Number Cappsi
Drilling Contractor H2 Drilling, LLC - Rig 2	Drill Collar Length 244 ft. I.D 21/4 i
Mud Type Chemical Viscosity 67	Weight Pipe Length ft. I.D i
Weight 9.4 Water Loss 8.8 cc.	Drill Pipe Length 4,313 ft. I.D 3 1/2 i
Chlorides3,400 P.P.M.	Test Tool Length 27 ft. Tool Size 3 1/2 - IF i
Jars: MakeSterlingSerial NumberNot_Run	Anchor Length 21 ft. Size 4 1/2 - FH i
Did Well Flow? <u>No</u> Reversed Out <u>No</u>	Surface Choke Size1 in. Bottom Choke Size5/8 ii
	Main Hole Size <u>7.7/8</u> in. Tool Joint Size <u>4.1/2-XH</u> ii
Blow: <u>1st Open: Very weak, surface blow building to 5 in</u> 2nd Open: Weak, surface blow building to 4 ins. N	b blow back during shut-in.
Recovered 214 ft. of gas in pipe (60' in drill pipe; 154	' in drill collars)
Recovered 214 ft. of gas in pipe (60' in drill pipe; 154 Recovered 60 ft. of clean oil = .295200 bbls. (Gravity:	' in drill collars) 37.6 @ 60°)
Recovered 214 ft. of gas in pipe (60' in drill pipe; 154 Recovered 60 ft. of clean oil = .295200 bbls. (Gravity: Recovered 30 ft. of oil cut mud = .147600 bbls. (Grind	' in drill collars) 37.6 @ 60°)
Recovered214ft. of gas in pipe (60' in drill pipe; 154Recovered60ft. of clean oil = .295200 bbls. (Gravity:Recovered30ft. of oil cut mud = .147600 bbls. (GrindRecovered90ft. of TOTAL FLUID = .442800 bbls.	' in drill collars) 37.6 @ 60°)
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Recovered214 ft. of gas in pipe (60' in drill pipe; 154         Recovered60 ft. of clean oil = .295200 bbls. (Gravity:         Recovered30 ft. of oil cut mud = .147600 bbls. (Grind         Recovered90 ft. of TOTAL FLUID = .442800 bbls.         Recovered90 ft. of TOTAL FLUID = .442800 bbls.         Recovered61. of         Recovered90 ft. of TOTAL FLUID = .442800 bbls.         Recovered61. of         Recovered61. of<	' in drill collars) 37.6 @ 60°) out: 15%-oil; 85%-mud) Bottom6:25 AM: Maximum Temperature122° (A)2232 P.S.I.
Recovered 214 ft. of gas in pipe (60' in drill pipe; 154         Recovered 60 ft. of clean oil = .295200 bbls. (Gravity:         Recovered 30 ft. of oil cut mud = .147600 bbls. (Grind         Recovered 90 ft. of TOTAL FLUID = .442800 bbls.         Recovered ft. of 70TAL FLUID = .442800 bbls.         Remarks Tool Sample Grind Out: 100%-oil         Sime Set Packer(s) 3:25 FXM.         Time Started Off         nitial Hydrostatic Pressure         Minutes 30	' in drill collars)         37.6 @ 60°)         out: 15%-oil; 85%-mud)         Bottom6:25 A.M.         Maximum Temperature122°         (A)2232 P.S.I.         (B)6 P.S.I. to (C)23 P.S.I.
Recovered       214       ft. of gas in pipe (60' in drill pipe; 154         Recovered       60       ft. of clean oil = .295200 bbls. (Gravity:         Recovered       30       ft. of oil cut mud = .147600 bbls. (Grind         Recovered       90       ft. of TOTAL FLUID = .442800 bbls.         Recovered       90       ft. of         Point of t. of       TOTAL FLUID = .442800 bbls.         Recovered       ft. of	' in drill collars) 37.6 @ 60°) out: 15%-oil; 85%-mud) Bottom6:25 AM: Maximum Temperature122° (A)2232 P.S.I.
Recovered	' in drill collars)         37.6 @ 60°)         out: 15%-oil; 85%-mud)         Bottom6:25 A.M.         Maximum Temperature122°         (A)2232 P.S.I.         (B)6 P.S.I. to (C)23 P.S.I.
Recovered 214 ft. of gas in pipe (60' in drill pipe; 154         Recovered 60 ft. of clean oil = .295200 bbls. (Gravity:         Recovered 30 ft. of oil cut mud = .147600 bbls. (Grind         Recovered 90 ft. of TOTAL FLUID = .442800 bbls.         Recovered ft. of 70TAL FLUID = .442800 bbls.         Recovered ft. of 3:25 A.M.         Remarks Tool Sample Grind Out: 100%-oil         Recovered 1: 3:25 A.M.         Recovered 3: 3:25 A.M. </td <td>' in drill collars)         37.6 @ 60°)         out: 15%-cil; 85%-mud)         Bottom       6:25 AM:         Maximum Temperature       122°         (A)       2232 P.S.I.         (B)       6 P.S.I. to (C)       23 P.S.I.         (D)       955 P.S.I.         (E)       24 P.S.I. to (F)       35 P.S.I.         (G)       884 P.S.I.</td>	' in drill collars)         37.6 @ 60°)         out: 15%-cil; 85%-mud)         Bottom       6:25 AM:         Maximum Temperature       122°         (A)       2232 P.S.I.         (B)       6 P.S.I. to (C)       23 P.S.I.         (D)       955 P.S.I.         (E)       24 P.S.I. to (F)       35 P.S.I.         (G)       884 P.S.I.

# Diamond Testing

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### Page 2 of 2 Pages **General information Report**

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### **General Information**

Company Name RUSSELL OIL, INC.

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

Gauge Name 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

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## DIAMOND TESTING

P.O. Box 157 HOISINGTON, KANSAS 67544 (620) 653-7550 • (800) 542-7313 STC 30037.D072

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	30037.0072
Company Russell Oil, Inc.	Lease & Well No. Seele Unit "C" No. 1
Elevation 3211 KB Formation Cherokee/John	sonEffective PayFt. Ticket NoM072
Date12-17-10Sec36Twp10S_Range34	
Test Approved By Steven P. Murphy	Diamond Representative Michael Cochran
Formation Test No. 2 Interval Tested from 4,63	0_ft. to4,710_ft. Total Depth4,710_ft.
Packer Depth <u>4,625</u> ft. Size <u>6.3/4</u> in.	Packer Depthft. Size in.
Packer Depth4,630_ft. Size63/4 in.	Packer Depthft. Size in.
Depth of Selective Zone Setft.	
Top Recorder Depth (Inside)4,617_ft.	Recorder Number 30037 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,707 ft.	Recorder Number <u>13386</u> Cap. <u>3,875</u> psi
Below Straddle Recorder Depthft.	Recorder Number Cappsi
Drilling Contractor H2 Drilling, LLC - Rig 2	Drill Collar Length 244 ft. I.D. 21/4 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 P.P.M.	Test Tool Length 27 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial NumberNot_Run	Anchor Length <u>17' perf. w/63' drill pipe</u> Size <u>41/2-FH</u> in.
Did Well Flow? <u>No</u> Reversed Out No	Surface Choke Size1 in. Bottom Choke Size5/8 in.
	Main Hole Size 7 7/8 in. Tool Joint Size4 1/2-XH in.
Blow: <u>1st Open: Weak, surface blow building to 9 ins. V</u> 2nd Open: Weak, surface blow building to 8 ins. in blow back during shut-in.	ery weak, surface blow back during shut-in. 30 mins. Continued building to 8½ ins. at end. Weak, surface
Recovered <u>120</u> ft. of gas in pipe	
Recovered 100 ft. of mud cut oil = 1.423000 bbls. (Grind	l out: 40%-mud; 60%-oil)
Recovered <u>122</u> ft. of gas & heavy oil cut watery mud = .	500240 bbls. (Grind out: 8%-gas; 39%-oil; 6%-water; 47%-mud)
Recovered <u>122</u> 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 bb1s.	
Recovered 544 ft. of TOTAL FLUID = 2.623480 bbls. Remarks Tool Sample Grind Out: 4%-oil; 68%-wate	er; 28%-mud Chlorides: 26,000 Ppm
Remarks Tool Sample Grind Out: 4%-oil; 68%-wate	er; 28%-mud Chlorides: 26,000 Ppm
Remarks Tool Sample Grind Out: 4%-oil; 68%-wate	er; 28%-mud Chlorides: 26,000 Ppm PH: 8.0 RW: 0.6 @ 40° A.M.
Remarks Tool Sample Grind Out: 4%-oil; 68%-wate No electronic recorder chart.	er; 28%-mud       Chlorides: 26,000 Ppm         PH: 8.0       RW: 0.6 @ 40°         Bottom       8:10         Maximum Temperature
Remarks       Tool Sample Grind Out: 4%-oil; 68%-wate         No electronic recorder chart.         Time Set Packer(s)       4:55         4:55       F.M.         Time Started Off	er; 28%-mud       Chlorides: 26,000 Ppm         PH: 8.0       RW: 0.6 @ 40°         Bottom       8:10         Maximum Temperature
Remarks       Tool Sample Grind Out: 4%-oil; 68%-wate         No electronic recorder chart.         Time Set Packer(s)       4:55         Time Set Packer(s)       4:55         Initial Hydrostatic Pressure       Time Set Packer(s)	er; 28%-mid       Chlorides: 26,000 Ppm         PH: 8.0       RW: 0.6 @ 40°         Bottom       8:10         Maximum Temperature          (A)       2335       P.S.I.         (B)       72       P.S.I. to (C)       123       P.S.I.
Remarks       Tool Sample Grind Out: 4%-oil; 68%-wate         No electronic recorder chart.         Time Set Packer(s)       4:55         Himitial Hydrostatic Pressure         Initial Flow Period       30	er; 28%-mud       Chlorides: 26,000 Ppm         PH: 8.0       RW: 0.6 @ 40°         Bottom       8:10         Maximum Temperature          (A)       2335       P.S.I.
Remarks       Tool Sample Grind Out: 4%-oil; 68%-wate         No electronic recorder chart.         Time Set Packer(s)       4:55         Initial Hydrostatic Pressure         Initial Flow Period       Minutes         30         Initial Closed In Period       Minutes	er; 28%-mid       Chlorides: 26,000 Ppm         PH: 8.0       RW: 0.6 @ 40°         Bottom       8:10         (A)       2335         P.S.I.       (C)         (B)       72         P.S.I.       to (C)         (D)       372         P.S.I.       Yestion

# Diamond Testing

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## General information Report

### **General Information**

Company Name RUSSELL OIL, INC.

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

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

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# ALLIE CEMENTING CO., LLC. 035165 A Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 676	65		SER'	VICE POINT: 	εY
12-9-10 SEC. DATE 36 105	RANGE 346	CALLED OUT	ON LOCATION	JOB START TOOAM	JOB FINISH 7:30 A
LEASE WELL#	LOCATION MOR	SYMENT ZW-2N		COUNTY TADMAS	STATE
OLD OR NEW Circle one)	INto			TADMITS	
CONTRACTOR H2 DRLg, TYPE OF JOB SURFACE	Rig # 2	OWNER	SAME		
<u>TYPE OF JOB</u> <u>SURFACE</u> <u>HOLE SIZE</u> <u>/2/4</u> <sup>*</sup> T.D.	270	CEMENT			· . · ·
CASING SIZE 856' DEP		AMOUNT ORE		ti ti se	e di serie
TUBING SIZE DEF			COM 3%CC	24.001	11460 da
DRILL PIPE DEF		<u> </u>	DAI SACC	210.721	
TOOL DEF					
	IIMUM	COMMON /	7.5 5 Rs	@ 15 45	2703 75
MEAS. LINE SHO	)E JOINT	POZMIX		_@ @	<u> (co</u>
CEMENT LEFT IN CSG.	5 Casa		3 SKS	@ 20 80	10 49
PERFS.	· · · ·		6 <u>5</u> KS	05830	2,19 20
DISPLACEMENT ////	4 BBK	ASC		<u></u>	371 2
EQUIPMENT					
PUMPTRUCK CEMENTER	RRY			@	· · · · ·
	RENE				
BULK TRUCK	rene		······································	@	
$# 464$ DRIVER $\omega$	-11		· · ·		······································
BULK TRUCK			:	@	
# DRIVER				@	
	· · · · · · · · · · · · · · · · · · ·	— HANDLING	184 SKS	@ 2 40	44168
		MILEAGE 105	t <u>pelsk/n</u>	IZIE	312 3
REMARKS:	· · · ·	MENSEMUM C	CHARGE	TOTAL	3818 95
CEMENT did CIA	2C,	· · ·		IOIAL	5020-2
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		DEPTH OF JOB		270'	·····
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	·····	EXTRA FOOTA	***	@	
		MILEAGE	15 mil	@ 7 40	105 2
		— MANIFOLD	· · ·	@	
	THANK 10	Y		@	
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CHARGE TO: RUSSEII, OII	INC.				
STREET		· · ·		TOTAL	1123 €
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SALES TAX (If Any) -

TOTAL CHARGES\_

DISCOUNT .

TOTAL

IF PAID IN 30 DAYS

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

lodd Brown PRINTED NAME SIGNATURE lada



TREATMENT REPORT

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energ	zy se	rvic	e s, L.	p.	#	1					UREA	IMENT	REPORT
Customer Kuss	ell i	nil		Lease No		<u>.</u>			T	Date			
Lease	\	· · · ·	wit	Well #	<u></u>	Ha				1.	2-18-1	171	
Field Order #		Att 1	Ks.		<u> </u>	Casing	1211	Jepth 니오	205	County	homas		State
Type Job	1. Stag		s. Str	rin.		CNW	Form	nation	4810'		Legal D	Description	
PIPE	E DATA	PERF	d -	NG DATA	\ <u> </u>	FLUID (	<u> </u>			TRI	EATMENT		International Contraction of the
Casing Size	Tubing Size	ze Shots/Fi	t	20	ч <mark>Acid</mark> Ч BR	15 <u>Su</u>	nerf	21.	LIF	RATE PI	RESS	ISIP	·
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Volume 11-3-BB	Volume	From	7		Pad	. /				GAL	· · · · ·	10 Min.	:
Max Press	Max Press	s From	7	То	Frac				Avg ( /			15 Min.	
Well Connection		<sup>'ol.</sup> From	٦	То					HHP Used			Annulus Pr	ressure
Plug Depth	Packer Dep	· Erom	7	То	Flus	sp.H20	o Ymu	1	Gas Volum			Total Load	
Customer Repr	esentative	2nn B	CO WI	Statio	n Mana	$\frac{SA\cdot H}{SCOT}$	$H_{v}$	<u>1-3</u>		Treater	Allen .	F. Wo	rth
Service Units	28443	19903	1990		5261	19860	1995	59	21010			<u>/</u>	
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TREATMENT REPORT

你们的婚子。你能够了你的你

		rvic		Lease No.	出2			Date			
Customer Ku	<u>ssell</u>	DIL		Well #		-		Dale			
<u>5ec</u>	ele	$\subseteq u$	MIT	weii #		· · · · · · · · · · · · · · · · · · ·	,	12-	18-10	<u></u>	·
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Taylor Printing, Inc. 620-672-3656