



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1102780
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

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.

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: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1102780

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Russell Oil, Inc.
Well Name	Hazel Russell 1-35
Doc ID	1102780

All Electric Logs Run

MICRORESISTIVITY
COMPUTER PROCESSED INTERPRETATION
DUAL COMPENSATED POROSITY
DUAL INDUCTION

Form	ACO1 - Well Completion
Operator	Russell Oil, Inc.
Well Name	Hazel Russell 1-35
Doc ID	1102780

Tops

Name	Top	Datum
ANHYDRITE	2729	+511
BASE ANHYDRITE	2756	+484
HEEBNER	4115	-875
TORONTO	4137	-897
LANSING	4158	-918
MUNCIE DR SHALE	4297	-1057
STARK SHALE	4384	-1144
BASE KC	4460	-1220
MARMATON	4478	-1237
PAWNEE	4574	-1238
MYRICK STATION	4603	-1363
FT SCOTT	4630	-1390
CHEROKEE SHALE	4658	-1418
JOHNSON	4702	-1462
MISSISSIPPI	4780	-1540



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil, Inc.
POB 8050
Edmond, OK 73083
ATTN: Kitt Noah

S35-10s-34w Thomas, KS

Hazel Russell #1-35

Job Ticket: 50060 **DST#: 1**

Test Start: 2012.08.24 @ 15:05:00

GENERAL INFORMATION:

Formation: **LKC 'I-J'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:31:40
 Time Test Ended: 23:10:20
 Interval: **4340.00 ft (KB) To 4393.00 ft (KB) (TVD)**
 Total Depth: 4393.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 3240.00 ft (KB)
 3229.00 ft (CF)
 KB to GR/CF: 11.00 ft

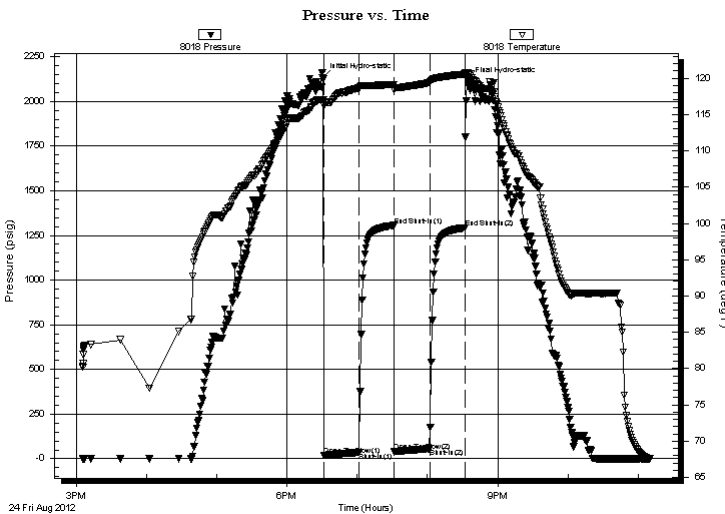
Serial #: 8018

Inside

Press @ Run Depth: 56.85 psig @ 4344.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.24 End Date: 2012.08.24 Last Calib.: 2012.08.24
 Start Time: 15:05:02 End Time: 23:10:20 Time On Btm: 2012.08.24 @ 18:30:10
 Time Off Btm: 2012.08.24 @ 20:34:20

TEST COMMENT: 1/4" Blow throughout.
 No return.
 No blow.
 No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2132.75	117.03	Initial Hydro-static
2	19.68	116.20	Open To Flow (1)
32	36.79	118.63	Shut-In(1)
62	1305.91	119.16	End Shut-In(1)
62	40.22	118.45	Open To Flow (2)
92	56.85	119.40	Shut-In(2)
123	1293.42	120.56	End Shut-In(2)
125	2113.05	120.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: @ Degrees F = PPM	0.00
60.00	M 100m	0.30
10.00	OSM 100m	0.05

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

S35-10s-34w Thomas, KS

POB 8050
Edmond, OK 73083

Hazel Russell #1-35

Job Ticket: 50060 **DST#: 1**

ATTN: Kitt Noah

Test Start: 2012.08.24 @ 15:05:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

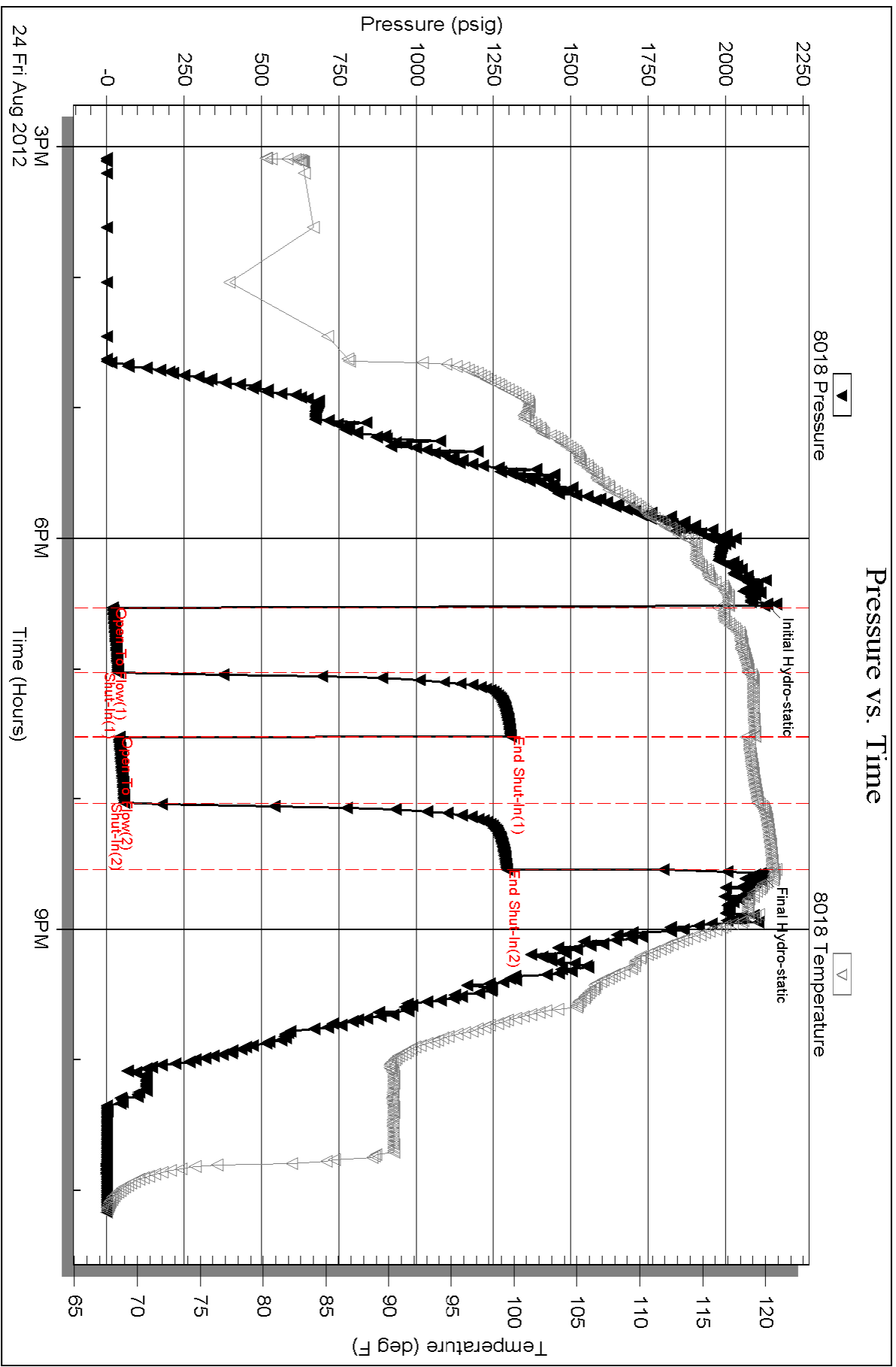
Length ft	Description	Volume bbl
0.00	API: @ Degrees F = PPM	0.000
60.00	M 100m	0.295
10.00	OSM 100m	0.049

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW: @ Degrees F





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil, Inc.
POB 8050
Edmond, OK 73083
ATTN: Kitt Noah

S35-10s-34w Thomas, KS
Hazel Russell #1-35
Job Ticket: 50061 **DST#: 2**
Test Start: 2012.08.25 @ 09:50:01

GENERAL INFORMATION:

Formation: **LKC 'K'**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 14:15:11 Tester: Chuck Smith
Time Test Ended: 19:44:01 Unit No: 62
Interval: 4388.00 ft (KB) To 4417.00 ft (KB) (TVD) Reference Elevations: 3240.00 ft (KB)
Total Depth: 4417.00 ft (KB) (TVD) 3229.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

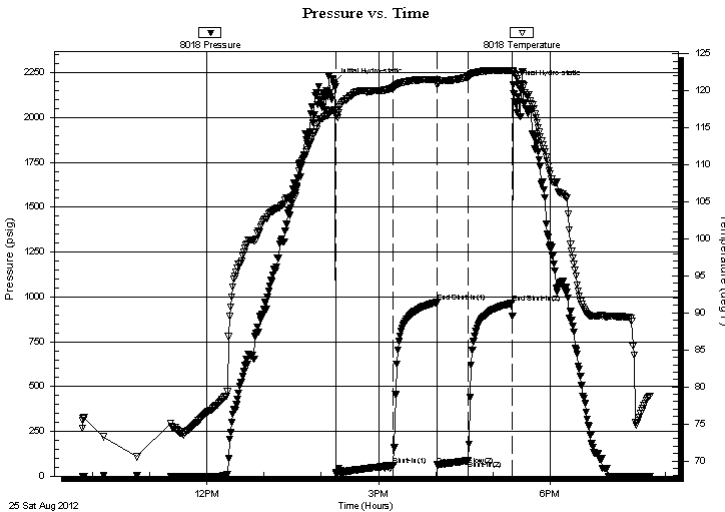
Serial #: 8018

Inside

Press @ Run Depth: 86.48 psig @ 4389.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.25 End Date: 2012.08.25 Last Calib.: 2012.08.25
Start Time: 09:50:03 End Time: 19:44:01 Time On Btm: 2012.08.25 @ 14:13:01
Time Off Btm: 2012.08.25 @ 17:20:51

TEST COMMENT: 2 1/2" Blow .
No return.
No blow .
No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2194.28	117.39	Initial Hydro-static
3	15.58	116.62	Open To Flow (1)
63	61.02	120.39	Shut-In(1)
108	969.00	121.47	End Shut-In(1)
108	62.77	120.84	Open To Flow (2)
141	86.48	121.88	Shut-In(2)
187	964.64	122.71	End Shut-In(2)
188	2182.39	122.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: 143 @ 71 Degrees F = 54000 PPM	0.00
62.00	MW 35m 65w	0.30
62.00	OSMW 25m 75w	0.30
30.00	OCM 3o 97m	0.15

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

S35-10s-34w Thomas, KS

POB 8050
Edmond, OK 73083

Hazel Russell #1-35

Job Ticket: 50061 **DST#: 2**

ATTN: Kitt Noah

Test Start: 2012.08.25 @ 09:50:01

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	54000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

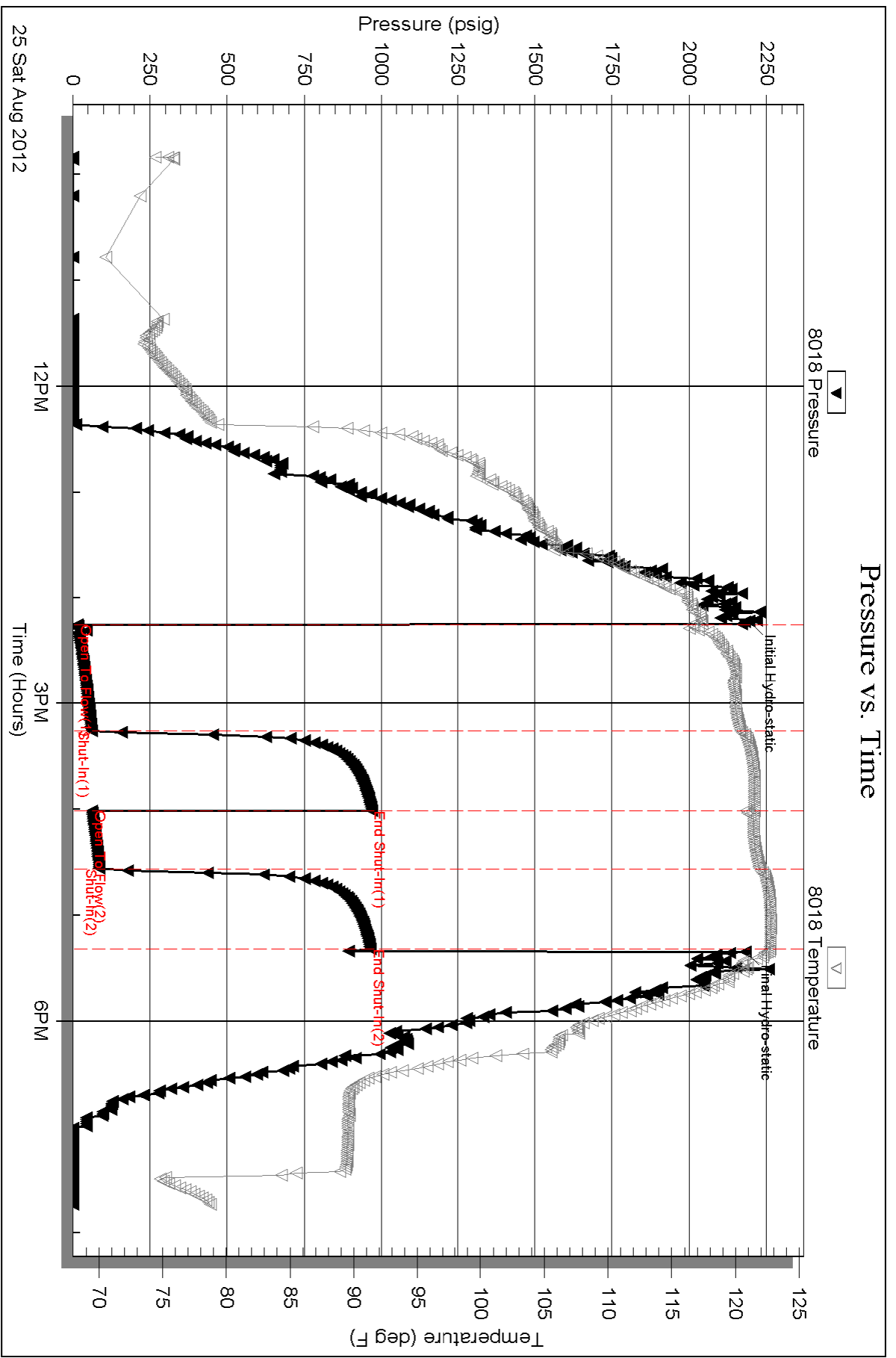
Length ft	Description	Volume bbl
0.00	API: 143 @ 71 Degrees F = 54000 PPM	0.000
62.00	MW 35m 65w	0.305
62.00	OSMW 25m 75w	0.305
30.00	OCM 3o 97m	0.148

Total Length: 154.00 ft Total Volume: 0.758 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil, Inc.
POB 8050
Edmond, OK 73083
ATTN: Kitt Noah

S35-10s-34w Thomas, KS
Hazel Russell #1-35
Job Ticket: 50062 **DST#: 3**
Test Start: 2012.08.27 @ 02:00:00

GENERAL INFORMATION:

Formation: **Pawnee - Myric Stati**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:33:10
Time Test Ended: 09:13:39
Interval: **4568.00 ft (KB) To 4630.00 ft (KB) (TVD)**
Total Depth: 4630.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Smith
Unit No: 62
Reference Elevations: 3240.00 ft (KB)
3229.00 ft (CF)
KB to GR/CF: 11.00 ft

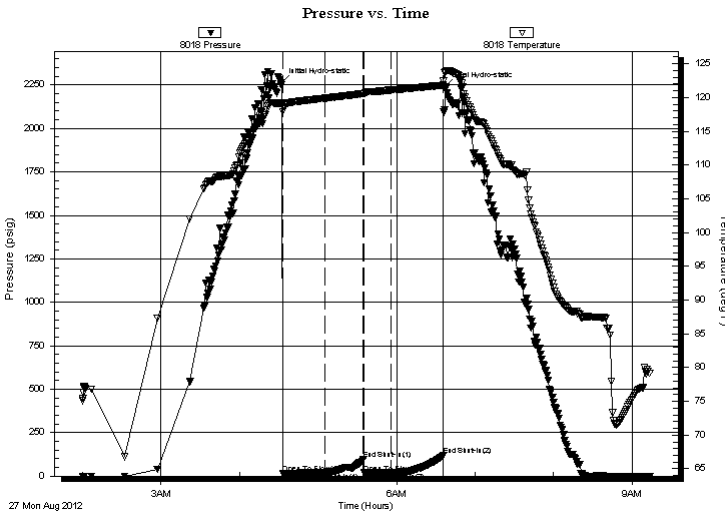
Serial #: 8018

Inside

Press @ Run Depth: 19.68 psig @ 4572.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.27 End Date: 2012.08.27 Last Calib.: 2012.08.27
Start Time: 02:00:02 End Time: 09:13:40 Time On Btm: 2012.08.27 @ 04:32:10
Time Off Btm: 2012.08.27 @ 06:37:09

TEST COMMENT: Surface blow died @ 30 seconds.
No return.
No blow.
No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2263.12	119.15	Initial Hydro-static
1	16.45	117.86	Open To Flow (1)
33	19.04	119.88	Shut-In(1)
63	95.73	120.58	End Shut-In(1)
63	19.18	120.53	Open To Flow (2)
84	19.68	121.10	Shut-In(2)
124	117.50	121.82	End Shut-In(2)
125	2239.06	123.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100m	0.02

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

S35-10s-34w Thomas, KS

POB 8050
Edmond, OK 73083

Hazel Russell #1-35

Job Ticket: 50062 **DST#: 3**

ATTN: Kitt Noah

Test Start: 2012.08.27 @ 02:00:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M 100m	0.025

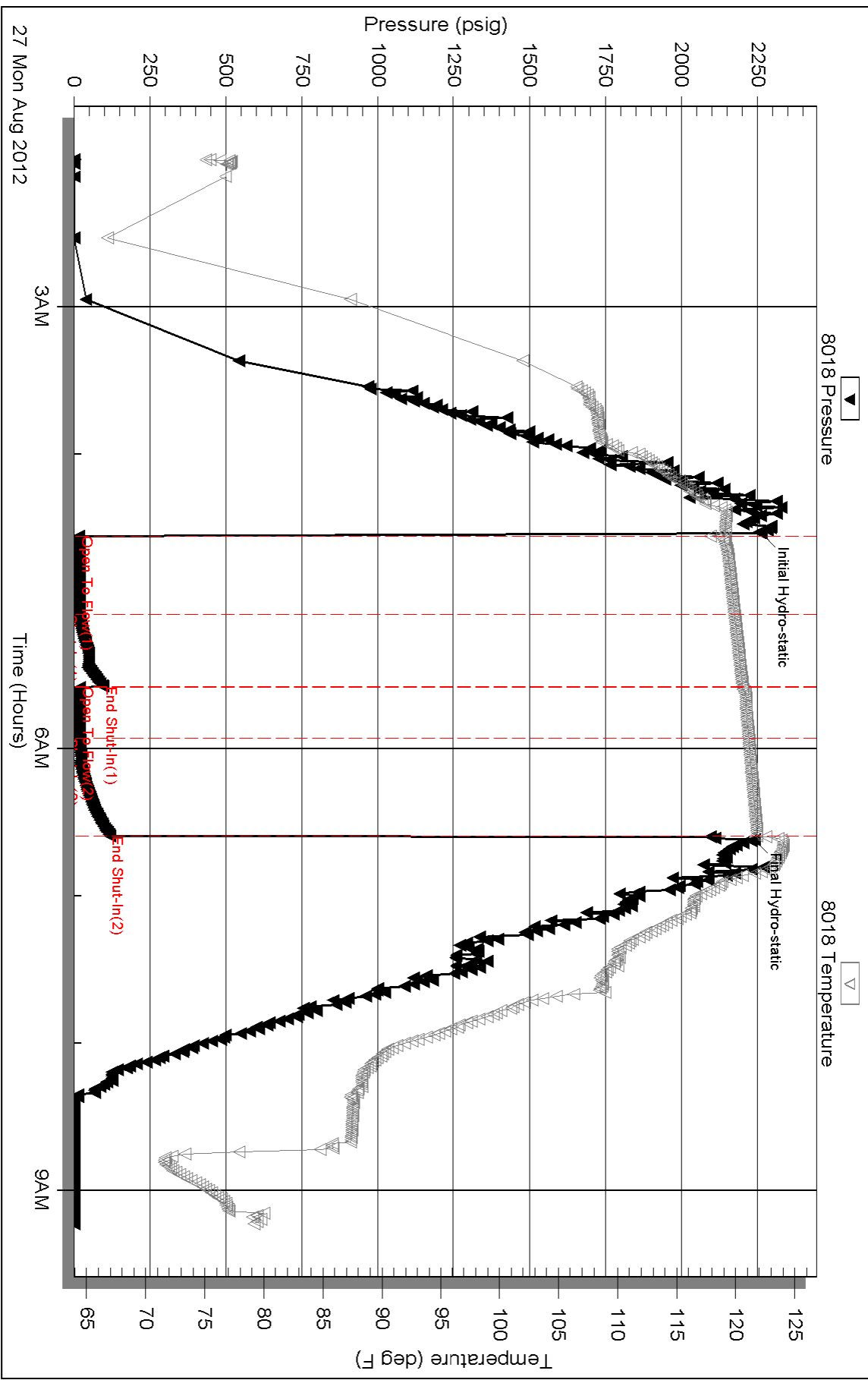
Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil, Inc.
 POB 8050
 Edmond, OK 73083
 ATTN: Kitt Noah

S35-10s-34w Thomas, KS
Hazel Russell #1-35
 Job Ticket: 50063 **DST#: 4**
 Test Start: 2012.08.28 @ 02:24:00

GENERAL INFORMATION:

Formation: **Upper Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:34:30
 Time Test Ended: 12:26:24
 Interval: **4684.00 ft (KB) To 4730.00 ft (KB) (TVD)**
 Total Depth: 4730.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 3240.00 ft (KB)
 3229.00 ft (CF)
 KB to GR/CF: 11.00 ft

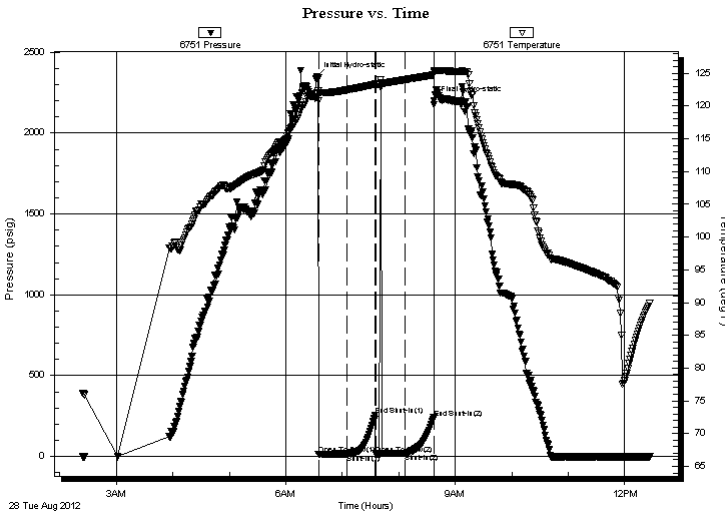
Serial #: 6751

Outside

Press @ Run Depth: 18.88 psig @ 4688.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.28 End Date: 2012.08.28 Last Calib.: 2012.08.28
 Start Time: 02:24:02 End Time: 12:26:24 Time On Btm: 2012.08.28 @ 06:32:54
 Time Off Btm: 2012.08.28 @ 08:37:17

TEST COMMENT: Opening surge died @ 5 seconds.
 No return.
 No blow, flushed tool, no blow.
 No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2351.41	121.84	Initial Hydro-static
2	13.46	120.79	Open To Flow (1)
32	15.78	122.45	Shut-In(1)
62	256.18	123.33	End Shut-In(1)
63	16.11	123.22	Open To Flow (2)
94	18.88	124.01	Shut-In(2)
124	238.90	124.75	End Shut-In(2)
125	2202.97	125.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 1 to 99m	0.02

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

S35-10s-34w Thomas, KS

POB 8050
Edmond, OK 73083

Hazel Russell #1-35

Job Ticket: 50063 **DST#: 4**

ATTN: Kitt Noah

Test Start: 2012.08.28 @ 02:24:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

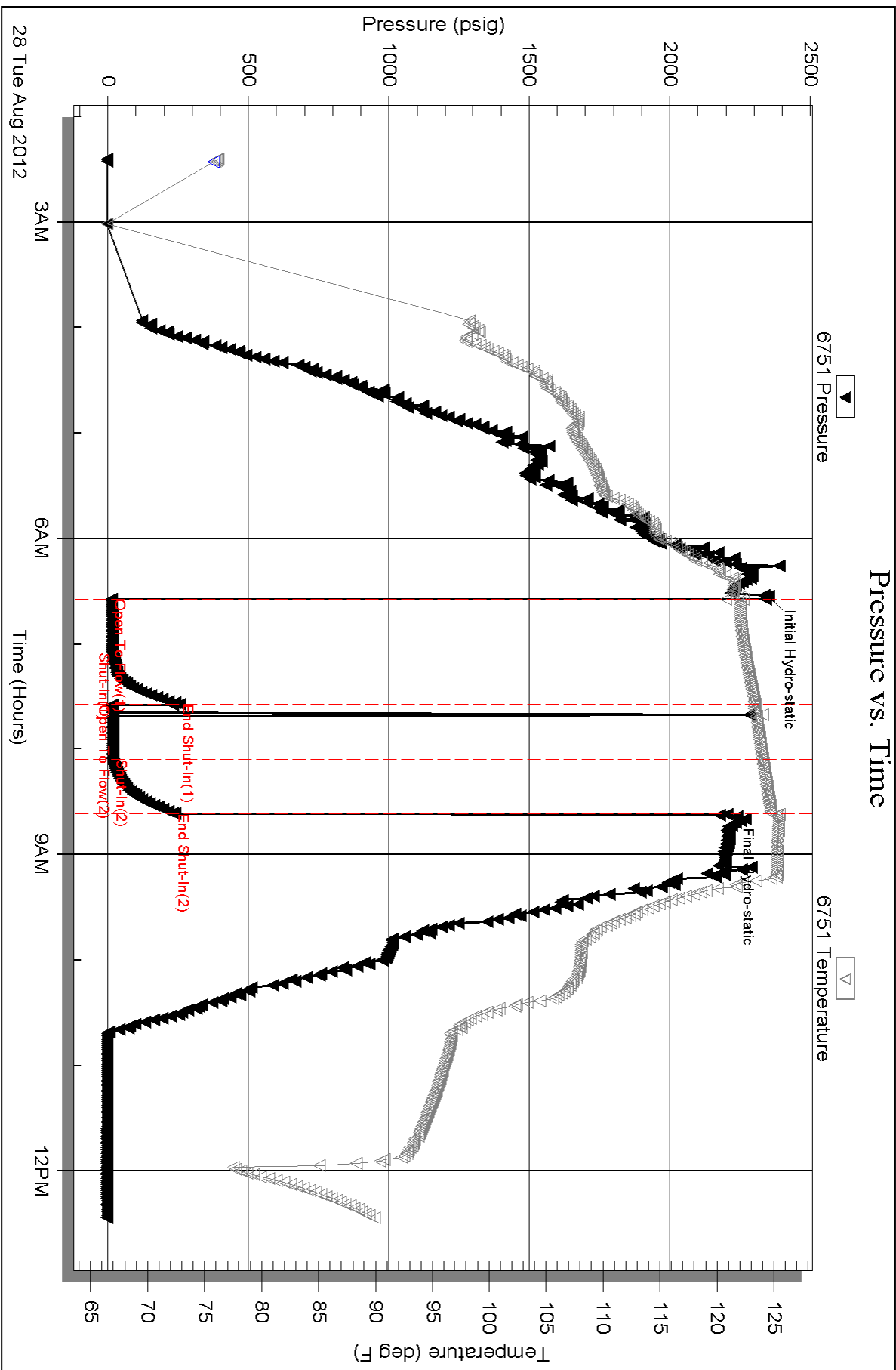
Length ft	Description	Volume bbl
5.00	SOCM 1o 99m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil, Inc.
POB 8050
Edmond, OK 73083
ATTN: Kitt Noah

S35-10s-34w Thomas, KS
Hazel Russell #1-35
Job Ticket: 50008 **DST#: 5**
Test Start: 2012.08.28 @ 22:36:26

GENERAL INFORMATION:

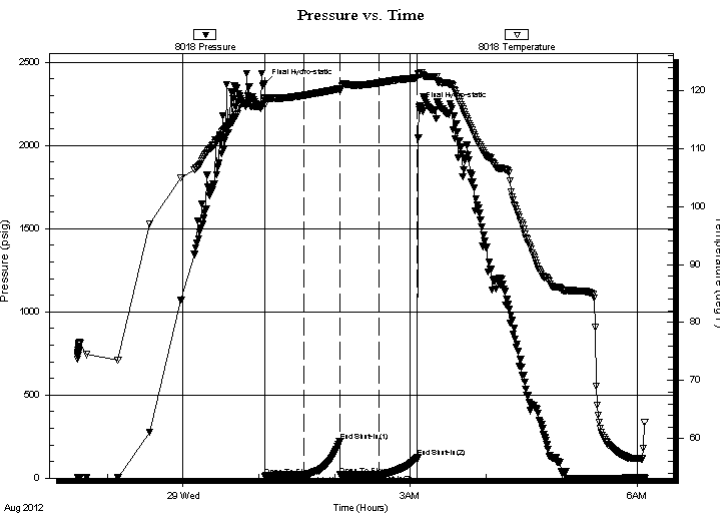
Formation: **Lower Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:04:36
Time Test Ended: 06:06:05
Interval: **4723.00 ft (KB) To 4744.00 ft (KB) (TVD)**
Total Depth: 4744.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 3240.00 ft (KB)
3229.00 ft (CF)
KB to GR/CF: 11.00 ft
Test Type: Conventional Bottom Hole (Initial)
Tester: Tate Lang
Unit No: 62

Serial #: 8018

Inside

Press @ Run Depth: 20.43 psig @ 4724.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.28 End Date: 2012.08.29 Last Calib.: 2012.08.29
Start Time: 22:36:27 End Time: 06:06:06 Time On Btm:
Time Off Btm: 2012.08.29 @ 01:04:26

TEST COMMENT: IF-Weak Surface Blow Died Out In 19 mins.
ISI-Dead No Return
FF-Dead No Blow
FSI-Dead No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2372.51	118.76	Final Hydro-static
1	11.80	117.46	Open To Flow (1)
32	19.45	119.12	Shut-In(1)
60	221.74	120.26	End Shut-In(1)
60	19.73	120.13	Open To Flow (2)
91	20.43	121.27	Shut-In(2)
121	124.79	122.17	End Shut-In(2)
123	2231.15	122.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

S35-10s-34w Thomas, KS

POB 8050
Edmond, OK 73083

Hazel Russell #1-35

Job Ticket: 50008 **DST#: 5**

ATTN: Kitt Noah

Test Start: 2012.08.28 @ 22:36:26

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

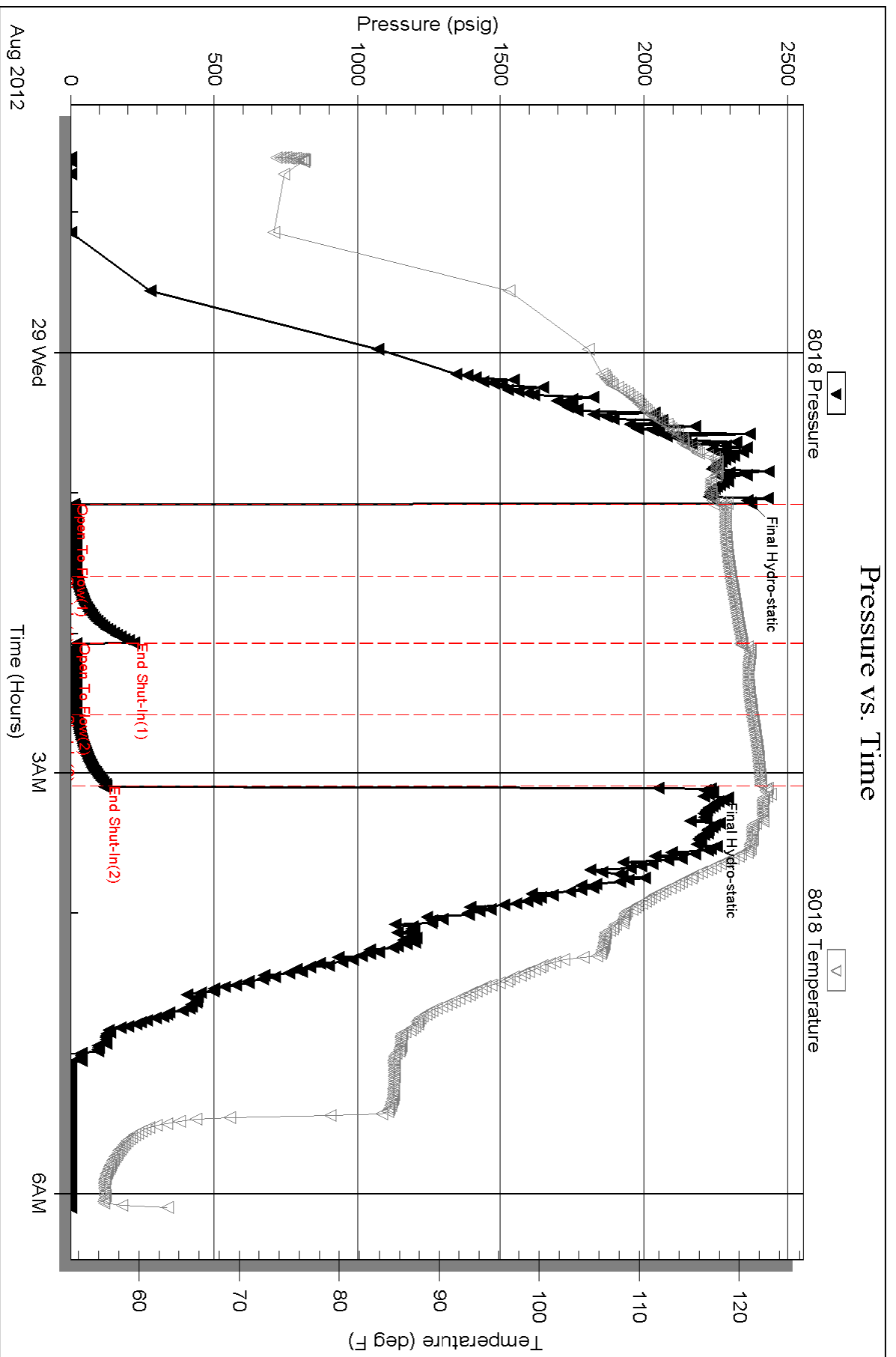
Length ft	Description	Volume bbl
5.00	100%M	0.025

Total Length: 5.00 ft Total Volume: bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

OPERATOR: Russell Oil Inc. WELL NO.: #1-35 ELEVATIONS: KB 3240

LEASE: Hazel Russell FIELD: Wildcat DE: 3229

API: 15-193-20-859 LOCATION: 4436FS & 434FW MEASUREMENTS: in All

SEC: 35 TWP: 10S RANG: 34W FROM: KB

COUNTY: Thomas STATE: Kansas CASING RECORD

CONTRACTOR: H2 Drilling Rig #2 SURFACE: 8 5/8" spt at

COMM: 8-16-2012 COILED: 8-30-2012 CASING: 2 7/8" w/225 SX

RFD: 4-19-02 LOG TO: 4846 PRODUCTION: D&A

SAMPLES SAVED FROM: 3800 TO: TD

DRILLING TIME SAVED FROM: 3800 TO: TD

SAMPLES EXAMINED FROM: 3800 TO: TD

GEOLOGICAL SUPERVISION FROM: 3870 TO: TD

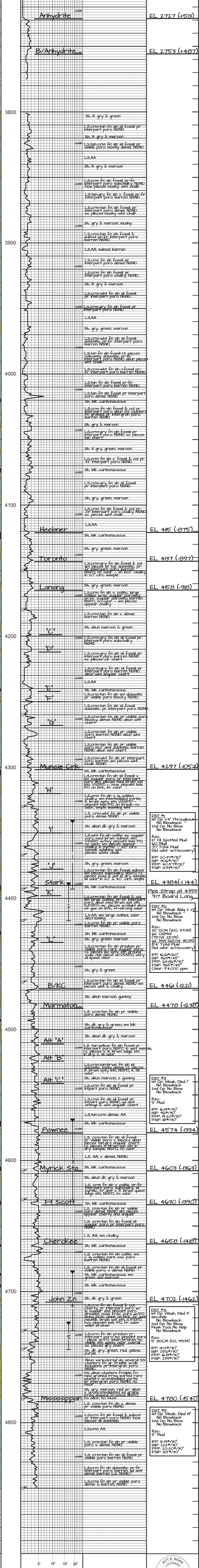
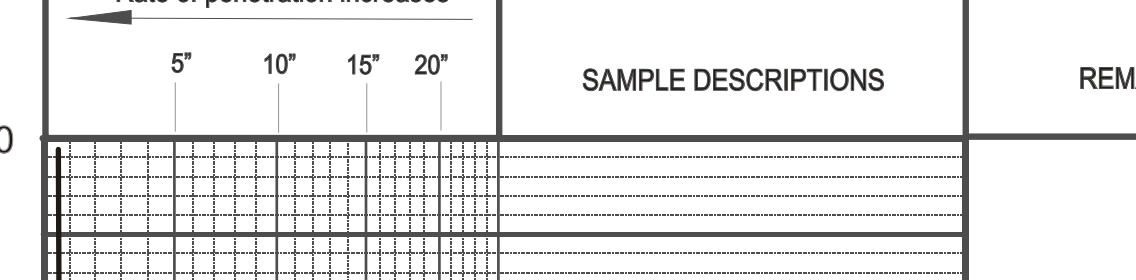
MUD UP: 3500 MUD TYPE: chemical

Formations: Top Datum Top Bottom Structural

Annville	2757 (4579)	2759 (4571)	11 H1
B/Anhydrite	445 (4875)	401 (4884)	9 H1
Heebner	447 (4897)	401 (4884)	4 H1
Toronto	448 (4907)	401 (4884)	4 H1
Lansing	448 (4907)	401 (4884)	4 H1
'C'	448 (4907)	401 (4884)	4 H1
'D'	448 (4907)	401 (4884)	4 H1
'E'	448 (4907)	401 (4884)	4 H1
'F'	448 (4907)	401 (4884)	4 H1
'G'	448 (4907)	401 (4884)	4 H1
Muncie Crk	448 (4907)	401 (4884)	4 H1
'H'	448 (4907)	401 (4884)	4 H1
'I'	448 (4907)	401 (4884)	4 H1
'J'	448 (4907)	401 (4884)	4 H1
Stark	448 (4907)	401 (4884)	4 H1
'K'	448 (4907)	401 (4884)	4 H1
B/KC	448 (4907)	401 (4884)	4 H1
Marmaton	448 (4907)	401 (4884)	4 H1
AH "A"	448 (4907)	401 (4884)	4 H1
AH "B"	448 (4907)	401 (4884)	4 H1
AH "C"	448 (4907)	401 (4884)	4 H1
Pawnee	448 (4907)	401 (4884)	4 H1
Myrick Sta	448 (4907)	401 (4884)	4 H1
FT Scott	448 (4907)	401 (4884)	4 H1
Cherokee	448 (4907)	401 (4884)	4 H1
John Zn	448 (4907)	401 (4884)	4 H1
Mississippian	448 (4907)	401 (4884)	4 H1

REFERENCE WELLS FOR STRUCTURAL COMPARISON:
 A. Russell Russell #1-35 14907FS & 570FE Sec 35-20S-34W
 B. Norwest Warren Hills Trst #1 App NE NE SW Sec 26-05S-34W

LEGEND



DST #1:
1st Op: 1/4" Throughout
No Blowback
2nd Op: No Blow
No Blowback

Rec:
10' Oil Spotted Mud
60' Mud
70' Total Fluid
(gd odor w/recovery)

IFP: 20-37*/30'
ISIP: 1306*/30'
FFP: 40-57*/30'
FSP: 1293*/30'

DST #2:
1st Op: Weak Bldg 2 1/2"
No Blowback
2nd Op: No Blow
No Blowback

Rec:
30' OCM (3/0, 97/M)
62' OSMW (75/M, 25/M)
62' MW (25/M, 35/M)
54' Total Fluid
(gd odor w/recovery)

IFP: 16-4*/60'
ISIP: 969*/45'
FFP: 63-86*/30'
FSP: 965*/45'
Chlor: 54,000 ppm

DST #3:
1st Op: Weak; Died 1'
No Blowback
2nd Op: No Blow
No Blowback

Rec:
5' Mud

IFP: 16-19*/30'
ISIP: 96*/30'
FFP: 19-20*/30'
FSP: 139*/30'

DST #4:
1st Op: Weak; Died 5 seconds
No Blowback
2nd Op: No Blow; Flush Tool No Help
No Blowback

Rec:
5' SOC/M (1/0, 99/M)

IFP: 13-17*/30'
ISIP: 256*/30'
FFP: 16-19*/30'
FSP: 239*/30'

DST #5:
1st Op: Weak; Died 19'
No Blowback
2nd Op: No Blow
No Blowback

Rec:
5' Mud

IFP: 12-19*/30'
ISIP: 222*/30'
FFP: 20-20*/30'
FSP: 125*/30'

DST #6:
1st Op: Weak; Died 19'
No Blowback
2nd Op: No Blow
No Blowback

Rec:
5' Mud

IFP: 12-19*/30'
ISIP: 222*/30'
FFP: 20-20*/30'
FSP: 125*/30'

DST #7:
1st Op: Weak; Died 19'
No Blowback
2nd Op: No Blow
No Blowback

Rec:
5' Mud

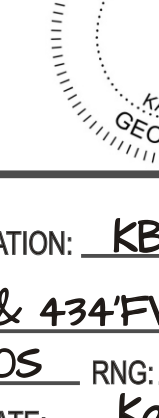
IFP: 12-19*/30'
ISIP: 222*/30'
FFP: 20-20*/30'
FSP: 125*/30'

ELEVATION: KB 3240

OPERATOR: Russell Oil Inc. LOCATION: 4436FS & 434FW

LEASE: Hazel Russell WELL NO.: #1-35 SEC: 35 TWP: 10S RANG: 34W

API: 15-193-20-859 FIELD: Wildcat COUNTY: Thomas STATE: Kansas





CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 37131

LOCATION Oakley US

FOREMAN Milan Shaw

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-19-12	7043	Hazel Russell # 1-35	35	105	34W	Thomas
CUSTOMER <u>Russell Oil</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			<u>566</u>	<u>COOK</u>		
CITY			<u>462</u>	<u>COOK</u>		
STATE		ZIP CODE				

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 271' CASING SIZE & WEIGHT 85#
 CASING DEPTH 267.0' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 15 1/2 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting + Ris upon H2 drilling #2 circulate casing
Mix 225 SKs common class A cement with 3# Calcium + 2# gel displaced
15 1/2 bbls water shut in cement did circulate to collar

Thanks Milos + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1085. ⁰⁰	1085. ⁰⁰
5406	20	MILEAGE	5. ⁰⁰	100. ⁰⁰
5407	10.57 Tons	Ton Mileage delivery min	410. ⁰⁰	410. ⁰⁰
11045	225 SKs	Common class "A" cement	17.65	3971.25
1102	634 #	Calcium Chloride	.89	564.26
11813	423 #	Bentonite gel	.25	105.75
			Subtotal	6236.26
			Less 10% discount	623.63
			Subtotal	5612.63
			SALES TAX	304.93
			ESTIMATED TOTAL	5917.56

Completed

Ravin 3737

AUTHORIZATION Steven Craig TITLE Toolpush HER DATE 8-19-12

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

252214

ALLIED OIL & GAS SERVICES, LLC 056309

Federal Tax I.D.# 20-5976804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Dakota, KS

DATE <u>8-30-12</u>	SEC <u>35</u>	TWP. <u>10</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>11:30am</u>	JOB START <u>1:30pm</u>	JOB FINISH <u>3:30pm</u>
LEASE <u>Russell</u>	WELL # <u>1-35</u>	LOCATION <u>Monument, K-20, Rd,</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				W to Rd 17, Jinto		1-03 7.3 mil	

CONTRACTOR H2 H2
 TYPE OF JOB PFA
 HOLE SIZE 7 7/8" T.D. 4850'
 CASING SIZE DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH 2750'
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 83.55 6.61

OWNER same
 CEMENT AMOUNT ORDERED 270 SKS 60740 42921
14# float

EQUIPMENT
 PUMP TRUCK CEMENTER Lakene White
423/281 HELPER Andrew Forslund
 BULK TRUCK
1404 DRIVER Chris Helping
 BULK TRUCK
1 DRIVER

COMMON	<u>152500</u>	@ <u>16.25</u>	<u>2445.00</u>
POZMIX	<u>8825</u>	@ <u>8.50</u>	<u>748.00</u>
GEL	<u>854</u>	@ <u>26.25</u>	<u>172.00</u>
CHLORIDE		@	
ASC		@	
<u>float</u>	<u>55#</u>	@ <u>2.20</u>	<u>120.00</u>
		@	<u>148.50</u>
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>236.29 845</u>	@ <u>2.10</u>	<u>496.21</u>
MILBOB	<u>25760x20x</u>	@ <u>2.55</u>	<u>423.87</u>
	<u>197.40</u>	TOTAL	<u>4471.60</u>

REMARKS:
mix 25 SKS cement 2750'
mix 100 SKS cement 1700'
mix 40 SKS cement 325'
mix 10 SKS cement w/ plug 40'
Alex M.H. 133 SKS
plug R.F. 305 SKS

Thank you.

CHARGE TO: Russell Oil Inc
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>2750'</u>		
PUMP TRUCK CHARGE			<u>1250.00</u>
EXTRA FOOTAGE		@	
MILBAGE	<u>20</u>	@ <u>7.00</u>	<u>140.00</u>
MANIFOLD		@	
<u>L.P. mileage</u>	<u>20</u>	@ <u>4.00</u>	<u>80.00</u>
		@	
TOTAL			<u>1470.00</u>

PLUG & FLOAT EQUIPMENT

<u>Wooden plug</u>	@	<u>92.00</u>
	@	
	@	
	@	
	@	
TOTAL		<u>92.00</u>

To: Allied Oil & Gas Services, 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.

PRINTED NAME STEVEN CRAIG
 SIGNATURE Steven Craig

SALES TAX (If Any) 418.55
 TOTAL CHARGES 5,733.60
 DISCOUNT 20 1146.72 IF PAID IN 30 DAYS

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



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 28, 2012

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

Re: ACO1
API 15-193-20859-00-00
Hazel Russell 1-35
NW/4 Sec.35-10S-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