

#### Kansas Corporation Commission Oil & Gas Conservation Division

1057609

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:	SecTwpS. R
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: ()	□NE □NW □SE □SW
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: sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:   Deepening Re-perf. Conv. to ENHR Conv. to SWD  Conv. to GSW	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
☐ ENHR         Permit #:           ☐ GSW         Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or 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 I II Approved by: Date:

Side Two



Operator Name:			Lease Nar	me:			. Well #:	
Sec Twp	S. R	East West	County: _					
time tool open and clor recovery, and flow rate	sed, flowing and shut-	base of formations per in pressures, whether s t, along with final chart( vell site report.	hut-in pressur	e reached	static level,	hydrostatic press	ures, bottom h	ole temperature, fluid
Drill Stem Tests Taken (Attach Additional S		☐ Yes ☐ No		Log	Formation	n (Top), Depth an	d Datum	Sample
Samples Sent to Geol	logical Survey	Yes No		Name			Тор	Datum
Cores Taken Electric Log Run Electric Log Submittee (If no, Submit Copy	d Electronically	Yes No Yes No Yes No						
List All E. Logs Run:								
		CASING Report all strings set-	RECORD [	New	Used	on, etc.		
Purpose of String	Size Hole	Size Casing	Weight		Setting	Type of	# Sacks	Type and Percent
	Drilled	Set (In O.D.)	Lbs. / Ft.	•	Depth	Cement	Used	Additives
		ADDITIONAL	CEMENTING	/ SQUEEZ	E RECORD			
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Us	# Sacks Used Type and Percent Additives				
Perforate Protect Casing								
Plug Back TD Plug Off Zone								
Shots Per Foot	PERFORATIO	N RECORD - Bridge Plugotage of Each Interval Per	s Set/Type	Set/Type Acid, Fracture, Shot, Cement (Amount and Kind of Ma				d Depth
	Ороскіў ГС	olage of Each interval i er	ioratea		(70)	nount and rund of we	ichar Osca)	Верит
TUBING RECORD:	Size:	Set At:	Packer At:	Lir	ner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENH	R. Producing Met	hod:	Gas	Lift 0	ther (Explain)		
Estimated Production Per 24 Hours	Oil Bl	bls. Gas	Mcf	Water	Bb	ols. (	Gas-Oil Ratio	Gravity
DISPOSITIO			METHOD OF CO	OMBI ETICI	NI:		DRODUCTIO	MINITEDVAL.
Vented Sold	ON OF GAS: Used on Lease	Open Hole		HOD OF COMPLETION:  erf. Dually Comp. Commingled  PRODUCTION INTERVAL:			IN INTERVAL:	
(If vented, Sub		Other (Specify)		Submit ACO-		mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Russell Oil, Inc.
Well Name	Seele D 1-36
Doc ID	1057609

## All Electric Logs Run

COMPUTER PROCESSED INTERPRETATION
COMPUTER PROCESSED POROSITY
MICRORESISTIVITY
DUAL INDUCTION

Form	ACO1 - Well Completion
Operator	Russell Oil, Inc.
Well Name	Seele D 1-36
Doc ID	1057609

## Tops

Name	Тор	Datum
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
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



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

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

June 14, 2011

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

Re: ACO1 API 15-193-20788-00-00 Seele D 1-36 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



Prepared For: Russel Oil Inc

PO Box 8050 · . Edmond, OK 73083

ATTN: Steve Murphy

## 36-5s-34w Thomas,KS

#### Seele D#1

Start Date: 2011.03.15 @ 19:41:00 End Date: 2011.03.16 @ 00:43:39 Job Ticket #: 041167 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



Russel Oil Inc

PO Box 8050 Edmond, OK 73083 36-5s-34w Thomas, KS Job Ticket: 041167

Seele D#1

DST#: 1

ATTN: Steve Murphy

Test Start: 2011.03.15 @ 19:41:00

#### GENERAL INFORMATION:

Time Tool Opened: 21:29:50

Time Test Ended: 00:43:39

Formation:

Interval:

Total Depth:

LKC "I"

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Kevin Mack

Unit No:

37

Reference Elevations:

3223.00 ft (KB)

3213.00 ft (CF)

KB to GR/CF:

10.00 ft

Hole Diameter:

4345.00 ft (KB) (TVD)

7.88 inchesHole Condition: Good

4314.00 ft (KB) To 4345.00 ft (KB) (TVD)

Serial #: 6751 Press@RunDepth: Outside

23.99 psig @

4315.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2011.03.15

End Date:

2011.03.16

Last Calib.:

2011.03.16

Start Time:

19:41:05

End Time:

00:43:40

Time On Btm:

2011.03.15 @ 21:29:40

Time Off Btm:

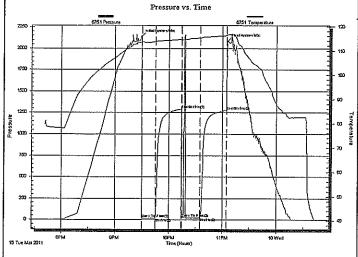
2011.03.15 @ 23:05:30

TEST COMMENT: IF: Surface blow built to 1/2"

IS: No Return

FF: No blow flushed tool @ 3 min Surface blow did not build or die

FS: No Return



Н	RESSUR	RE SUMMARY
	Tana	A

	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2141.95	113.85	Initial Hydro-static
	1	16.03	113.03	Open To Flow (1)
	16	19.55	113.72	Shut-In(1)
	45	1291.20	114.66	End Shut-In(1)
ŝ	45	20.77	114.11	Open To Flow (2)
i emperature	65	23.99	115.26	Shut-In(2)
977	96	1277.14	116.19	End Shut-In(2)
	96	2086.17	116.44	Final Hydro-static
İ				

#### Recovery

Length (ft)	Description	Volume (bbl)
15.00	OSM 100M (oil Spots)	0.21

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 041167

Printed: 2011.03.31 @ 22:20:13 Page 2



TOOL DIAGRAM

Russel Oil Inc

PO Box 8050 Edmond, OK 73083

ATTN: Steve Murphy

36-5s-34w Thomas,KS

Seele D#1

Job Ticket: 041167

DST#: 1

ft

Test Start: 2011.03.15 @ 19:41:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar:

Length: 4302.00 ft Diameter: Length:

0.00 ft Diameter: 0.00 ft Diameter:

Diameter:

0.00 inches Volume: 2.25 inches Volume: Total Volume:

3.80 inches Volume:

60.35 bbi 0.00 bbl 0.00 bbl 60.35 bbl Tool Weight: Weight set on Packer: 25000.00 lb

2500.00 lb

Weight to Pull Loose: 52000.00 lb Tool Chased

String Weight: Initial 47000.00 lb Final 48000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

Depth to Bottom Packer:

Interval between Packers: 31.00 ft Tool Length:

Number of Packers:

58.50 ft 2

ft

15.50 ft

4314.00 ft

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00	····		4287.50		
Shut In Tool	5.00		•	4292.50		
Hydraulic tool	5.00			4297.50		
Jars	5.00			4302.50		
Safety Joint	2.50			4305.00		
Packer	5.00			4310.00	27.50	Bottom Of Top Packer
Packer	4.00			4314.00		
Stubb	1.00			4315.00		
Recorder	0.00	8018	Inside	4315,00		
Recorder	0.00	6751	Outside	4315.00		
Perforations	27.00			4342.00		
Bullnose	3.00			4345.00	31.00	Bottom Packers & Anchor

Total Tool Length:

58.50

Trilobite Testing, Inc

Ref. No: 041167

Printed: 2011.03.31 @ 22:20:13 Page 3



**FLUID SUMMARY** 

Russel Oil Inc

Seele D#1

PO Box 8050 Edmond, OK 73083

36-5s-34w Thomas, KS

Job Ticket: 041167

DST#: 1

ATTN: Steve Murphy

Test Start: 2011.03.15 @ 19:41:00

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

10.00 lb/gal 55.00 sec/qt

Water Loss: Resistivity:

Viscosity:

8.77 in<sup>3</sup> 0.00 ohm.m

Salinity: Filter Cake: 2200.00 ppm 1.00 inches Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg AFI ppm

Gas Cushion Type:

psig

Serial#:

fţ

ldd

Recovery Information

Recovery Table

Length ft Description Volume bbl OSM 100M (oil Spots) 15.00 0.210

Total Length:

15.00 ft

Total Volume:

0.210 bbl

0

Num Fluid Samples: 0 Laboratory Name:

Num Gas Bombs:

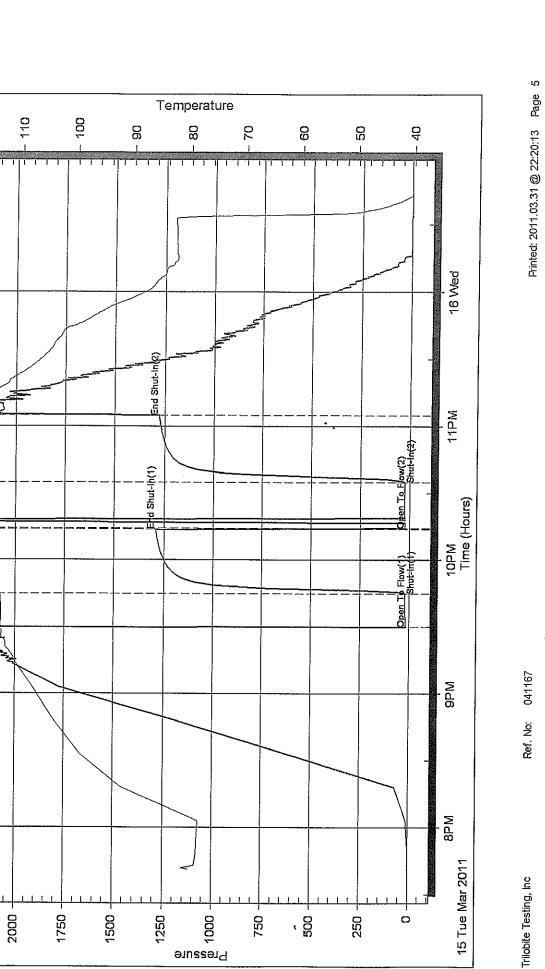
Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc.

Ref. No: 041167

Printed: 2011.03.31 @ 22:20:13 Page 4



120

6751 Temperature

Final Hydro-static

Initial Hydro-static

6751 Pressure

2250

DST Test Number: 1

36-5s-34w Thomas,KS

Outside Russel Oil Inc

Serial #: 6751

Pressure vs. Time

	,	\$
		Secundario de la presenta de la composición del composición de la
		The two commands of the principal of
		Offices commented by commental by
		Co-president accommodate
		Supmorkinaturing §
		\$0000000000000000000000000000000000000
• .		
		With the state of
		Afternooms April 5 254 (4 da)
		ender or constraints
		T S
		According to the state of the s
		Toppy reasons to Privilege and
		Steamonton (Steamonton)
t t		Imparament community of
		* Age magrama my managed
,		



Prepared For: Russel Oil Inc

PO Box 8050 . Edmond, OK 73083

ATTN: Steve Murphy

## 36-5s-34w Thomas,KS

#### Seele D#1

Start Date: 2011.03.16 @ 10:22:00 End Date: 2011.03.16 @ 15:48:47 Job Ticket #: 041168 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



Russel Oil Inc

Seele D#1

PO Box 8050 Edmond, OK 73083

Job Ticket: 041168

DST#: 2

ATTN: Steve Murphy

Test Start: 2011.03.16 @ 10:22:00

36-5s-34w Thomas, KS

#### GENERAL INFORMATION:

Time Tool Opened: 12:33:36

Time Test Ended: 15:48:47

Formation:

LKC 'K'

Deviated:

Interval:

No Whipstock: ft (KB)

Test Type:

Conventional Bottom Hole

Tester:

Chuck Smith

Unit No: 37

3223.00 ft (KB)

Reference Elevations:

3213.00 ft (CF)

KB to GR/CF:

10.00 ft

Total Depth: Hole Diameter:

Serial #: 8018

Press@RunDepth:

4358.00 ft (KB) To 4385.00 ft (KB) (TVD)

4385.00 ft (KB) (TVD)

7.88 inchesHole Condition: Good

Inside

18.25 psig @

4359.00 ft (KB)

2011.03.16

Capacity:

8000.00 psig

Start Date: Start Time:

2011.03.16 10:22:05 End Date: End Time:

15:48:48

Last Calib .: Time On Btm: 2011.03.16

Time Off Btm:

2011.03.16 @ 12:32:00 2011.03.16 @ 14:06:36

Annotation

Initial Hydro-static

Open To Flow (1)

Shut-In(1)

Shut-In(2)

End Shut-In(1)

End Shut-In(2)

Final Hydro-static

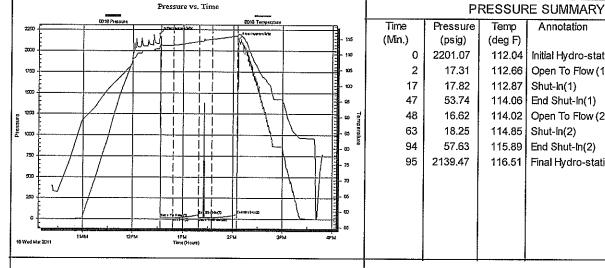
Open To Flow (2)

TEST COMMENT: IF: Surface blow throughout.

ISI: No return.

FF: No blow, flushed tool, surge died.

FSI: No return.



$\sim$	Rates
COMS	RAIRS

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

Recovery

Length (ft)	Description	Volume (bbl)
2.00	M 100m Oil spots in tool.	0.03

Ref. No: 041168

Printed: 2011.03.31 @ 22:20:50 Page 2



**TOOL DIAGRAM** 

Russel Oil Inc

PO Box 8050 Edmond, OK 73083

Job Ticket: 041168

Tool Chased

Seele D#1

DST#: 2

ATTN: Steve Murphy

Test Start: 2011.03.16 @ 10:22:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar:

Length: 4357.00 ft Diameter: Length:

0.00 ft Diameter: 0.00 ft Diameter:

3.80 inches Volume: 61.12 bbl 0.00 inches Volume: 0.00 bbl 2.25 inches Volume: ldd 00.0 Total Volume: 61.12 bbl Tool Weight: Weight set on Packer: 25000,00 lb

36-5s-34w Thomas,KS

2500.00 lb Weight to Pull Loose: 47000.00 ib

Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer:

26.50 ft 4358.00 ft

ft Interval between Packers: 27.00 ft

54.50 ft

2 Diameter:

0.00 ft String Weight: Initial 47000.00 lb

Final 60000,00 lb

Number of Packers: Tool Comments:

Tool Length:

6.75 inches

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4331.50		
Shut in Tool	5.00			4336.50		
Hydraulic tool	5.00			4341.50		
Jars	5.00			4346.50		
Safety Joint	2.50			4349.00		
Packer	5.00			4354.00	27.50	Bottom Of Top Packer
Packer	4.00			4358.00		
Stubb	1.00			4359.00		
Recorder	0.00	8018	Inside	4359.00		
Recorder	0.00	6751	Outside	4359.00		
Perforations	23.00			4382.00		
Bullnose	3.00			4385.00	27.00	Bottom Packers & Anchor

Total Tool Length:

54.50

Trilobite Testing, Inc.

Ref. No: 041168

Printed: 2011.03.31 @ 22:20:51 Page 3



**FLUID SUMMARY** 

Russel Oil Inc

Seele D#1

PO Box 8050 Edmond, OK 73083

36-5s-34w Thomas, KS

ATTN: Steve Murphy.

Job Ticket: 041168

DST#: 2

Test Start: 2011.03.16 @ 10:22:00

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type:

Oil API:

0 deg APi

Mud Weight: Viscosity:

48.00 sec/qt

Cushion Length: Cushion Volume: ft Water Salinity: 0 ppm

Water Loss: Resistivity:

9.57 in<sup>3</sup> 0.00 ohm.m

Gas Cushion Type: Gas Cushion Pressure:

psig

bbl

Salinity: 2500.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Description Volume ldd M 100m Oil spots in tool. 0.028

Total Length:

2.00 ft

Total Volume:

0.028 bbl

Num Fluid Samples: 0

Length ft

Num Gas Bombs:

Serial#:

Laboratory Name:

Laboratory Location:

2.00

Recovery Comments:

Trilobite Testing, Inc.

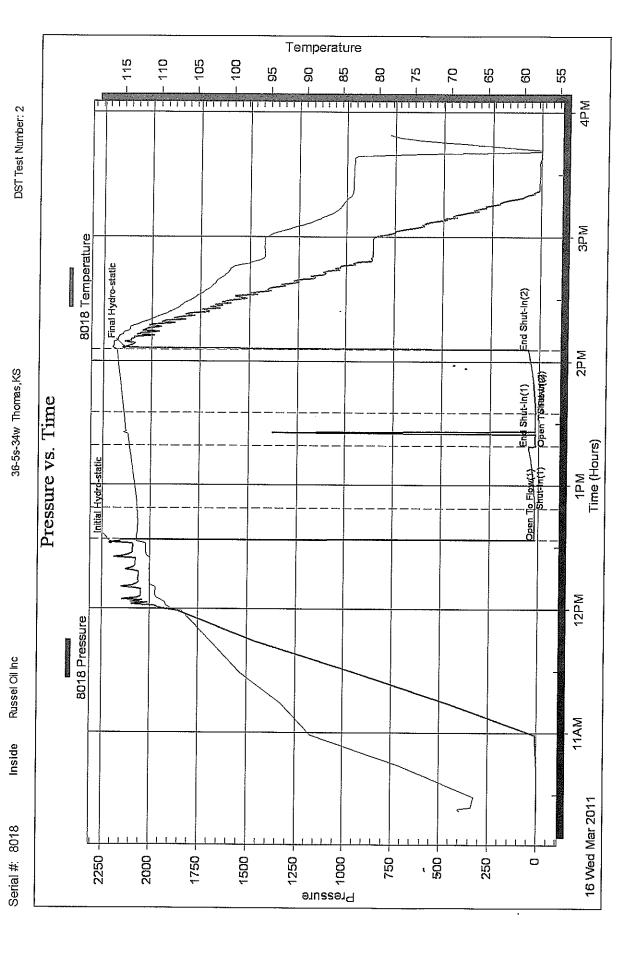
Ref. No: 041168

Printed: 2011.03.31 @ 22:20:51 Page 4



Ref. No: 041168

Trilobite Testing, Inc



			1
			-
			The state of the s
			Department of the Control of the Cont
			Seasoppripts destinant, app.
	٠.		in the second se
			A state of the sta
			Emmergeocyometeos o (a)
	,		Bear Anthony Change
			Somegav design-desig
			and the second s
			Services Services (Services Services Se
	τ ,		We committee the control of the cont
			Mile for incorporate de la constantina della con



Prepared For:

Russel Oil Inc

PO Box 8050 · . Edmond, OK 73083

ATTN: Steve Murphy

#### 36-5s-34w Thomas,KS

#### Seele D#1

Start Date: 2011.03.17 @ 18:55:05 End Date: 2011.03.17 @ 23:45:05 Job Ticket #: 041169 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



Russel Oil Inc

PO Box 8050 Edmond, OK 73083

ATTN: Steve Murphy

Seele D#1

36-5s-34w Thomas, KS

Job Ticket: 041169

DST#: 3

Test Start: 2011.03.17 @ 18:55:05

#### **GENERAL INFORMATION:**

Time Tool Opened: 20:40:17

Time Test Ended: 23:45:05

Formation:

Interval:

Ft. Scott

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Chuck Smith

Unit No:

37

Reference Elevations:

3223.00 ft (KB) 3213.00 ft (CF)

KB to GR/CF:

10.00 ft

Total Depth: Hole Diameter: 4638.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

4592.00 ft (KB) To 4638.00 ft (KB) (TVD)

Serial #: 8018

Press@RunDepth:

Inside

19.13 psig @

4596.00 ft (KB) End Date:

2011.03.17

Capacity:

8000.00 psig

Start Date: Start Time: 2011.03.17

18:55:10

End Time:

23:45:04

Last Calib.:

2011.03.17

Time On Btm: Time Off Btm: 2011.03.17 @ 20:39:29 2011.03.17 @ 21:56:29

TEST COMMENT: IF: Weak surface blow died @ 1/2 min.

ISI: No return.

FF: No blow, flushed tool, surge died.

FSI: No return.

Description

M 100m Oil spot in tool.

	Pressure vs. Time	PRESSURE SUMMARY				
200 200 200 200 200 200 200 200 200 200	7PM (DPM SPM SPM SPM 14PM	- 100 Temperature - 200	Time (Min.) 0 1 16 31 31 46 77 77	Pressure (psig) 2324.23 17.83 17.87 38.80 17.49 19.13 61.37 2302.19	113.73 114.23 114.21 115.20 116.06	Annotation  Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static
	Recovery				Gas	Rates

Trilobite Testing, Inc.

Length (ft)

5.00

Ref. No: 041169

Volume (bbl)

0.07

Printed: 2011.03.31 @ 22:21:32 Page 2

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)



**TOOL DIAGRAM** 

Russel Oil Inc

PO Box 8050 Edmond, OK 73083 36-5s-34w Thomas,KS

Seele D#1

Job Ticket: 041169

DST#:3

ATTN: Steve Murphy

Test Start: 2011.03.17 @ 18:55:05

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar:

Length: 4588.00 ft Diameter: Length:

0.00 ft Diameter:

0.00 ft Diameter: 23.50 ft

0.00 inches Volume: 2.25 inches Volume: Total Volume:

3.80 inches Volume:

ldd 00.0 1dd 00.0 64.36 bbl

64.36 bbl

Tool Weight: Weight set on Packer: 28000.00 lb

2500.00 lb

Weight to Pull Loose: 60000,00 lb Tool Chased

String Weight: Initial 48000.00 lb

0.00 ft

Final 48000.00 lb

Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer:

4592.00 ft ft

Interval between Packers: Tool Length:

46.00 ft 73.50 ft 2

Diameter:

6.75 inches

Tool Comments:

Number of Packers:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4565.50		
Shut In Tool	5.00			4570.50		
Hydraulic tool	5.00			4575.50		
Jars	5.00			4580.50		
Safety Joint	2.50			4583.00		
Packer	5.00			4588.00	27.50	Bottom Of Top Packer
Packer	4.00			4592.00		
Stubb	1.00			4593.00		
Perforations	3.00			4596.00		
Recorder	0.00	8018	Inside	4596.00		
Recorder	0.00	6751	Outside	4596.00		
Perforations	6.00			4602.00		
Change Over Sub	1.00			4603.00		
Drill Pipe	31.00			4634.00		
Change Over Sub	1.00			4635.00		
Bullnose	3.00			4638.00	46.00	Bottom Packers & Anchor
Total Tool Length:	73.50					

Trilobite Testing, Inc.

Ref. No: 041169

Printed: 2011.03.31 @ 22:21:33 Page 3



**FLUID SUMMARY** 

Russel Oil Inc

Seele D#1

PO Box 8050 Edmond, OK 73083

36-5s-34w Thomas, KS

Job Ticket: 041169

DST#: 3

ATTN: Steve Murphy

Test Start: 2011.03.17 @ 18:55:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil APi:

0 deg API

Mud Weight: Viscosity:

9.00 lb/gal 50.00 sec/qt Cushion Length: Cushion Volume:

fŧ Water Salinity: bbl

0 ppm

Water Loss:

Filter Cake:

8.79 in<sup>3</sup> 0.00 ohm.m Gas Cushion Type:

Resistivity: Salinity:

3400.00 ppm 1.00 inches Gas Cushion Pressure:

psig

Recovery Information

Recovery Table

Length ft Description Volume bb! 5.00 M 100m Oil spot in tool. 0.070

Total Length:

5.00 ft

Total Volume:

0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

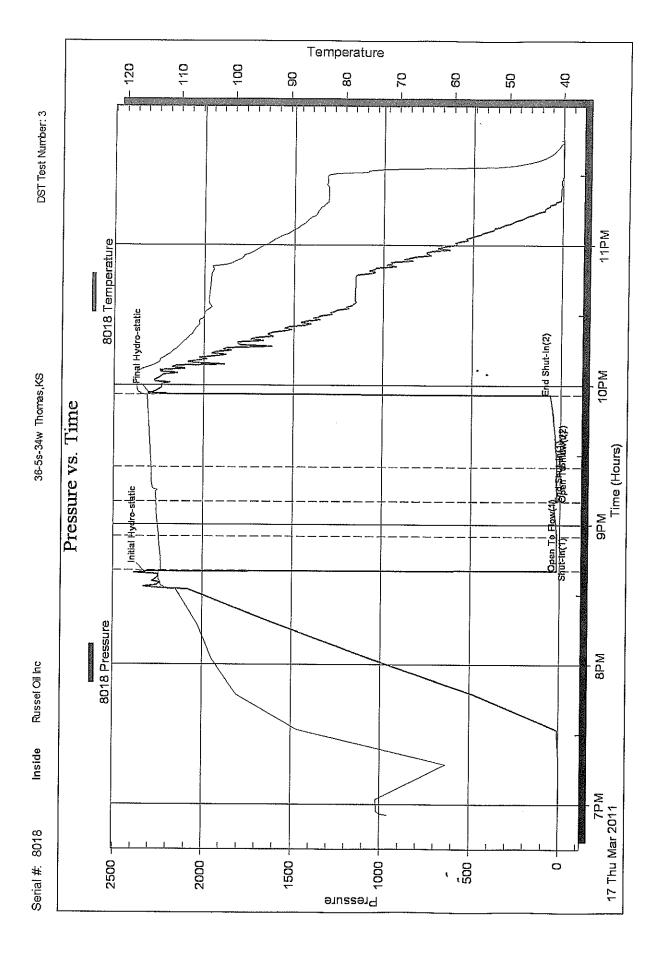
Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc

Ref. No: 041169

Printed: 2011.03.31 @ 22:21:33 Page 4



Ref. No: 041169

Printed: 2011.03.31 @ 22:21:33 Page 5

Trilobite Testing, Inc

	• •
	- Institute of the second
	· ·
	fundament
	Try management
•.	
	The control of the co
	E-Supression solid
	de conscionation de la constitución de la constituc
	normanian de la compania del compania del compania de la compania del compania del compania de la compania del c
	economical .
΄ ,	Texas of the second



Prepared For: Russel Oil Inc

PO Box 8050 . . Edmond, OK 73083

ATTN: Steve Murphy

## 36-5s-34w Thomas,KS

#### Seele D#1

Start Date: 2011.03.18 @ 12:13:04 End Date: 2011.03.18 @ 16:57:13 Job Ticket #: 041170 DST #: 4

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



Russel Oil Inc

PO Box 8050 Edmond, OK 73083

ATTN: Steve Murphy

Seele D#1

36-5s-34w Thomas, KS

Job Ticket: 041170

DST#:4

Test Start: 2011.03.18 @ 12:13:04

#### **GENERAL INFORMATION:**

Time Tool Opened: 13:55:34

Time Test Ended: 16:57:13

Formation:

Johnson

Deviated:

No Whipstock: ft (KB)

Test Type:

Conventional Bottom Hole

Tester:

Chuck Smith

Unit No:

Reference Elevations:

3223.00 ft (KB) 3213.00 ft (CF)

KB to GR/CF:

10.00 ft

Interval: Total Depth: Hole Diameter:

4684.00 ft (KB) To 4720.00 ft (KB) (TVD)

4720.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

Start Date:

Start Time:

Serial #: 6751 Press@RunDepth: Outside 22.75 psig @ 2011.03.18

12:13:09

4685.00 ft (KB)

End Date: End Time:

2011.03.18

Capacity: Last Calib.: 8000.00 psig

16:57:14

Time On Btm:

2011.03.18 2011.03.18 @ 13:54:24

Time Off Btm:

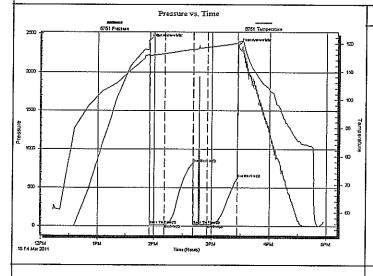
2011.03.18 @ 15:27:24

TEST COMMENT: IF: Surface blow died @ 9 min.

ISI: No return.

FF: No blow, flushed tool, surge died.

FSI: No return.



## PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2403.52	115.91	Initial Hydro-static
2	18.28	115.01	Open To Flow (1)
17	20.88	116.32	Shut-In(1)
46	816.84	117.92	End Shut-In(1)
47	20.22	117.73	Open To Flow (2)
61	22.75	118.67	Shut-In(2)
93	627.09	120.09	End Shut-In(2)
93	2346.24	120.67	Final Hydro-static

Recover
---------

Length (ft)	Description	Votume (bbl)		
5.00	OSM 100m	0.07		

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 041170

Printed: 2011.03.31 @ 22:22:11 Page 2



**TOOL DIAGRAM** 

Russel Oil Inc

PO Box 8050 Edmond, OK 73083

36-5s-34w Thomas,KS

Seele D#1

Job Ticket: 041170

DST#:4

ATTN: Steve Murphy

Test Start: 2011.03.18 @ 12:13:04

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar:

Length: 4682.00 ft Diameter:

Length:

0.00 ft Diameter: 0.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume: Total Volume:

65.68 bbl 1dd 00.0 1dd 00.0 65.68 bbi Tool Weight:

2500.00 lb Weight set on Packer: 28000.00 lb

Weight to Pull Loose: 60000.00 lb Tool Chased 0.00 ft

Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer:

Interval between Packers:

25.50 ft 4684.00 ft

ft

36.00 ft

63.50 ft

String Weight: Initial 50000.00 lb Final 50000.00 lb

Number of Packers:

2 Diameter: 6.75 inches

Tool Comments:

Tool Length:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4657.50		
Shut In Tool	5.00		•	4662.50		
Hydraulic tool	5.00			4667.50		
Jars	5.00			4672.50		
Safety Joint	2.50			4675.00		
Packer	5.00			4680.00	27.50	Bottom Of Top Packer
Packer	4.00			4684.00		
Stubb	1.00			4685.00		
Recorder	0.00	8018	Inside	4685.00		
Recorder	0.00	6751	Outside	4685.00		
Perforations	32.00			4717.00		
Bullnose	3.00			4720.00	36.00	Bottom Packers & Anchor
Total Tool Long	th: 62 50					

Total Tool Length:

63.50

Trilobite Testing, Inc

Ref. No: 041170

Printed: 2011.03.31 @ 22:22:11 Page 3



**FLUID SUMMARY** 

Russel Oil Inc

Seele D#1

PO Box 8050

36-5s-34w Thomas, KS

Edmond, OK 73083

Job Ticket: 041170

DST#:4

ATTN: Steve Murphy

Test Start: 2011.03.18 @ 12:13:04

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

10.00 lb/gal

Cushion Type: Cushion Length: Oil API:

0 deg APi

0 ppm

Mud Weight: Viscosity:

52.00 sec/qt 10.39 in<sup>3</sup>

Cushion Volume:

ft

ldd

Water Loss: Resistivity:

0.00 ohm.m

Gas Cushion Type: Gas Cushion Pressure:

psig

Salinity: Filter Cake: 4200.00 ppm 1.00 inches

Recovery Information

Recovery Table

Length Description Volume bbl 5.00 OSM 100m 0.070

Total Length:

5.00 ft

Total Volume:

0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial#:

Laboratory Name:

Laboratory Location:

Recovery Comments:

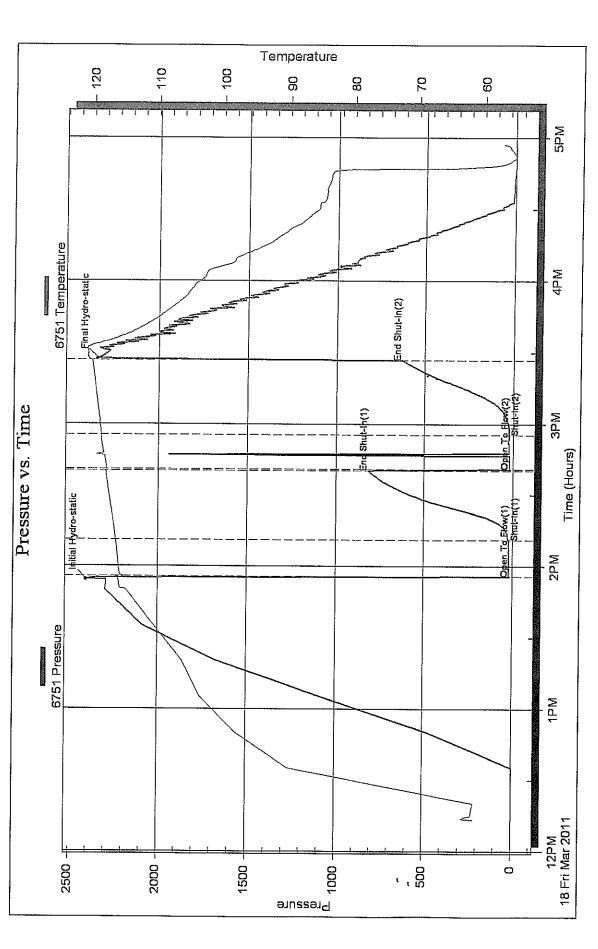
Trilobite Testing, Inc.

Ref. No: 041170

Printed: 2011.03.31 @ 22:22:11 Page 4

Serial #: 6751





	Ţ.
	- Commented and Control of Contro
	Fragment record
	. Supervision and the supe
·	Transmission of the state of th
•.	Financia
	Homosoppoord
	businessed
	Programmy
	Yaran
	V Turning and the state of the
	Planning
	Positive operation and a second secon
t t	Communication of the Communica



CS

TOTAL STATE OF THE 
PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

## FIELD TICKET & TREATMENT REPORT

0-431-9210 c	or 800-467-8676			CEME			J. 1 5/19	
DATE	CUSTOMER#		VAME & N		SECTION	TOWNSHIP	RANGE	COUNTY
CTOMED	7043		"D"	1-36	36	103	344	Thomas
Russ	ell oil	Tue			TRUCK#	DRIVER	TRUCK#	DRIVER
ILING ADDRE	SS	C. LUC	. 13	a water property	463	Kelly Gal	41-	12 7 12
				777	4.39	Chad Se	-12	The Ignores
Υ	Is	STATE :	ZIP CODE		1.59	Chad Ja	of the	
	101							
R TYPE P	TA-O H	IOLE SIZE	17/8	HOLE DEP	тн 4820'	CASING SIZE & V	VEIGHT	
500					San San San San		OTHER	
					ıl/sk			
					237.6			
					red			
MARKO.	grety m	eeting,	Flug	25 01010	recv		N 10 10 10 10 10 10 10 10 10 10 10 10 10	
ne	sk 2 271	111	2	on eve 6	940 poz, 49	1/1/ 1/1/#E	1-50-1	
		10 1	20	20 315	140 poz, 41	ocel, in t	10-2001	
100				7	*			
	5Ks 2 318	7			2 17 17 10 7			
	5KS 2 40							
	5Ks in Rill							
15	SKS in Mille					11 1 11		
						Thank You		
ACCOUNT		T				Pat + Cr		
CODE	QUANITY o	r UNITS		DESCRIPTION	of SERVICES or PR	RODUCT	UNIT PRICE	TOTAL
7405N	9		PUMP CH	ARGE		KIT OF T	425000	1,25000
406	20		MILEAGE				5-00	10000
1131		5Ks	60/41	poz	7	- F.	1435	3,157.00
11183	756 1	t	Bar	tomto			124	18144
1107	55 th	=		Seel		8 13	266	14630
4432	1			3 Wooden	D/	1	96 00	9600
5407	9.46					tes f	41000	41000
2401	1, 76		lou	milegge	Detwey	min	710	410-
							1.	
6"								1.11 2
		1				TO STANK SECTION		1 75.01
		7 7					3	
						1972		
			Par English			The Tale State States	120	
				711	0129			
			11	019	Vial	2 18 Ye		The same
					alle the all acid	3.20	1	5,3402
					Less 20	& Disc	-	1,068 15
	5/2				the matter of the second		i disempe	4.2725
						The Later Co.	SALES TAX	261.40
n 3737					gan and the Anal		ESTIMATED	261.40
n 3737	Trank)	0			oolpushe			45 33.9



KG SG

LOCATION Dalley Kausus

FOREMAN Pat Heigher

PO Box 884, Chanute, KS 66720 520-431-9210 or 800-467-8676

FOREMAN FOREMAN FOREMAN FOREMAN FOREMAN FOREMAN FOREMAN FOREMAN THE SALE FIELD TICKET & TREATMENT REPORT HAM CEMENT

DATE	CUSTOMER#	WELL NAME & NUM	/BER	SECTION	TOWNSHIP	RANGE	COUNTY
3-10-11	7043	seele D 1-36	2	34	10	344	Thomas
CUSTOMER	11 4	•				第二十四年初19月1日	MACHINE A TOTAL
MAILING ADDRE	Dil, Inc		-	TRUCK#	DRIVER	TRUCK #	DRIVER
PO BOX	BACK			349	Kelly G		<u> </u>
CITY	- VU DU	STATE ZIP CODE	<b>-</b>	460	<u> Josh G</u>		
Edmond		OK 73043	•				
JOB TYPE Solv		HOLE SIZE 12/4		H 269	CASING SIZE & \	NEIGHT & 1/2	241
CASING DEPTH	- 10 and	DRILL PIPE	TUBING		<u> </u>	OTHER	
SLURRY WEIGH		SLURRY VOL	WATER gal/sk 6.5 CEMENT LEFT				}
DISPLACEMENT	15 14	DISPLACEMENT PSI	MIXPSI		PATE.		
remarks: 50	flymee	tine Mix 180	5K 390	cc 28 ge	) Release	Plus Dis	Plece 15 7
bb6 @	PST 5	hutin@ P.	SI				<i>*</i>
<del> </del>	•			•			
<u> </u>					· · · · · · · · · · · · · · · · · · ·		
<del> </del>			········	•	1		,
<u> </u>							
1							·
		ì	·			Kyou	
ACCOUNT		<u> </u>		<u> </u>	_	+Crew_	1
CODE	QUANITY	or UNITS DI	ESCRIPTION of	f SERVICES of PR	CODUCT	UNIT PRICE	1
54015	: :	PUMP CHAR	GE			102500	1025 05
5406	70	MILEAGE				من جي	100
5407			Bulk Del	7e1l1		41000	4100
11645		SK Class	"A" Cem	ent.		16 50	3024
1100			m Chic			34	426 10
11183	7.5		rite gel			. 24	4 2
4432		85/4 1.	widen Pl	luc		9600	9680
				<del></del>		T	
	<u> </u>		· · · · · · · · · · · · · · · · · · ·				
			• • • • • • • • • • • • • • • • • • • •		···	<del>                                     </del>	
				* · · · *		<del> </del>	<del> </del>
					<u> </u>	<del>                                     </del>	
					<u> </u>	<del> </del>	
	<del>"</del>					<del>                                     </del>	<b>†</b>
			22	9921	•		
			<u> </u>	- /- /	by bitotal		5.162 29
					Less	20 %	-10 = 57
<u></u>	······································			<u> </u>	<u> </u>	<u> </u>	4/30 12
		<u> </u>		•	,	SALES TAX	264.83
avin 3737	^			1		ESTIMATED	
	JF 1	$\mathcal{O}$		.u. A.	the test of the second	TOTAL	4395.10
AUTHORIZMON_	Mroub.	Kame	TITLE 700	1 Pusher	· · · · · · · · · · · · · · · · · · ·	DATE 3-10	- 11
animouried		المراجعة المراكبة والمراكبة والمراكبة والمراكبة والمراكبة		1	والمستعدد والأحاس السا	process of the second	3

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

## **MUD LOG**

## **WellSight Systems**

Scale 1:240 (5"=100") Imperial Measured Depth Log

Well Name: Seele Unit C#1 **Location: Thomas County** 

License Number: API #15-193-20,784-00-00

Spud Date: 12/9/10

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' Total Depth (ft): RTD-4810' LTD-4810'

Logged Interval (ft):

3600"

To: 4810'

Formation: Topeka through Mississippian

Type of Drilling Fluid: Chemical (Mudco) - Reid Atkins, Mud Engineer

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

Region: Kansas

Drilling Completed: 12-19-10

#### **OPERATOR**

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

Edmond, OK 73083

#### **GEOLOGIST**

Name: Steven P. Murphy, PG Company: 3365 County Rd 390 Address: Otis, Kansas 67565

Cell: 620-639-3030

Email: geomurphy55@yahoo.com

#### **FURMATION 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).

The following deviation surveys were taken by wireline:

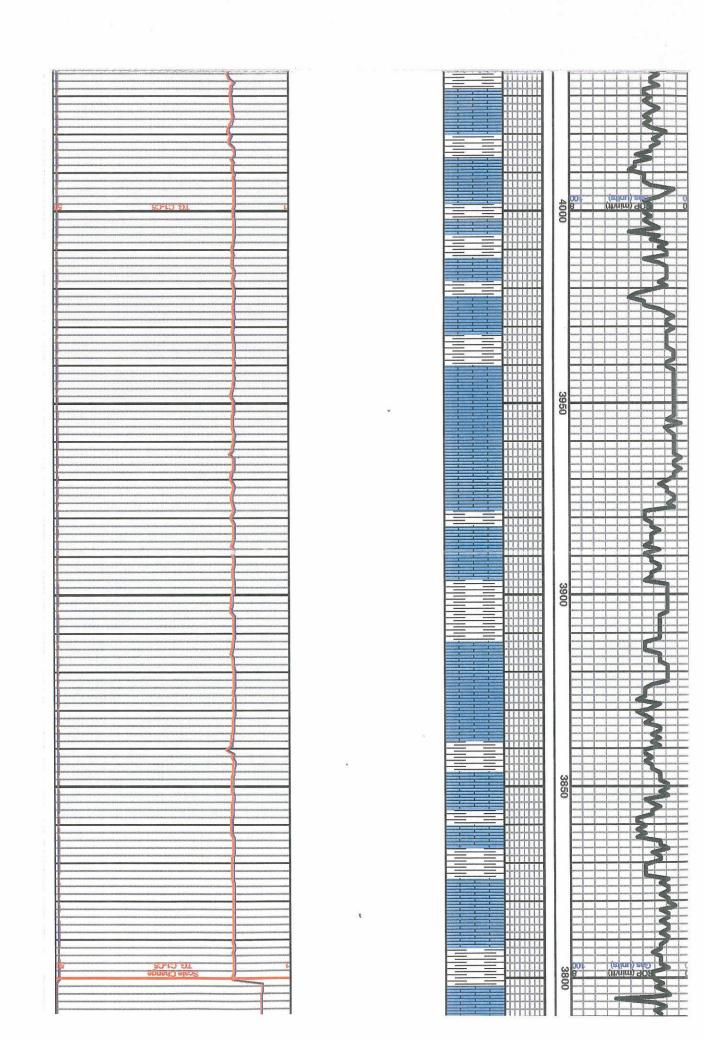
270' - 3/4 773' - 1/4

1260' - 1/2

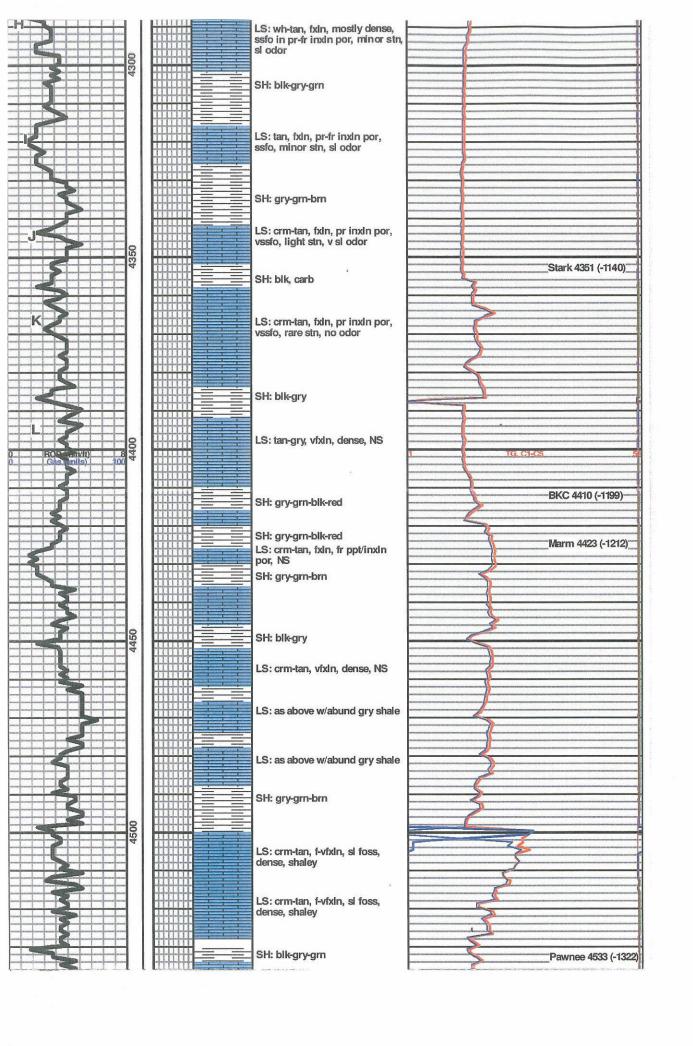
Strap was 0.58' sho	PG	ion made)	at casing be run to pro	duce the Johnson Zone &
Anhy Bent  O O O Brec  Anhy Cht	Clyst Coal Coal Coal Congl	ROCK TYPES  Gyp Igne Lmst Meta	Mrist Salt Shale Shool	Shgy Sltst Ss Till
MINERAL Anhy Arggrn Arg Bent Bit Brecfrag Calc Carb Chtdk Chtlt Dol Feldspar Ferrpel Ferr	S Gyp  □ Hvymin  Kaol  □ Marl  ■ Minxl  □ Nodule  □ Phos  □ Pyr  ■ Salt  □ Sandy  □ Silt  Sil  Sil  Sulphur  Tuff	ACCESSORIES  FOSSIL  Algae Amph Belm Bioclst Brach Fryozoa Cephal Coral Corin Echin Fish Foram Fossil Gastro Oolite	O Ostra Pelec Pellet Pisolite Plant Strom  STRINGER Anhy Arg Bent Coal Dol Gyp Ls Mrst	Sltstrg Ssstrg  TEXTURE SS Boundst C Chalky CX CryxIn E Earthy FinexIn SS Grainst L Lithogr MicroxIn MS Mudst Packst Wackest
POROSITY  E Earthy  Fenest Fracture Inter  Moldic Organic Pinpoint	✓ Vuggy SORTING ✓ Well ✓ Moderate ✓ Poor	OTHER SYMBOLS ROUNDING ROUNDING Suband Subang Angular OIL SHOW EVEN	Spotted Ques Dead  INTERVAL Core Dst	EVENT ☑ Rft ☑ Sidewall

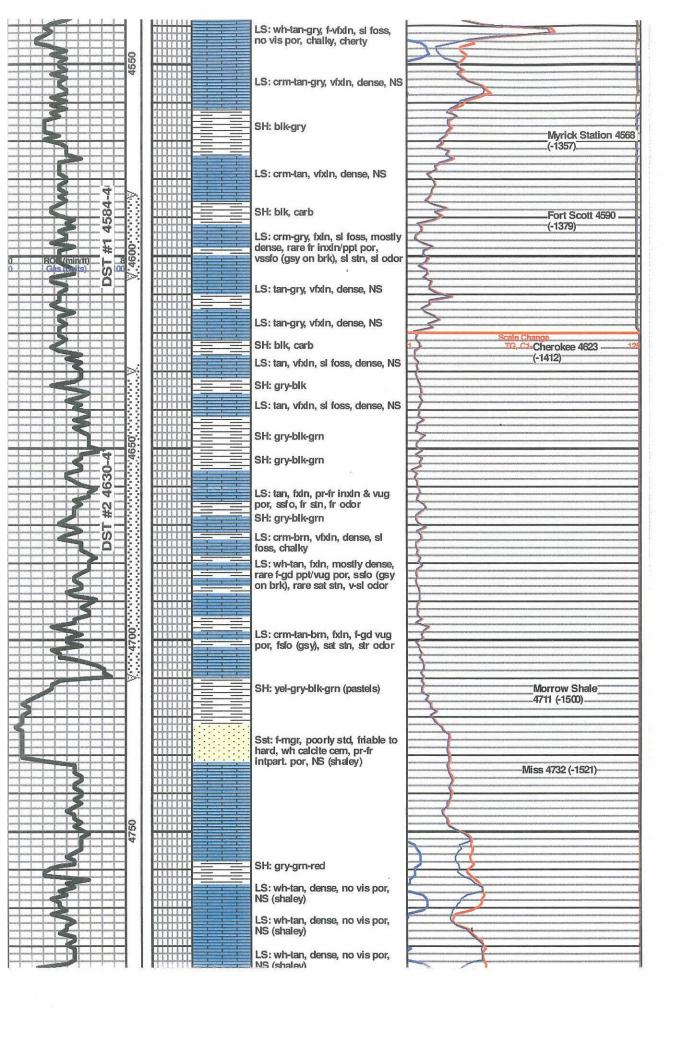
•

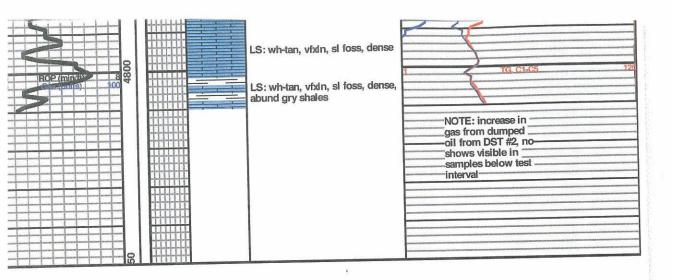
Curve Track 1 ROP (min/ft) Gas (units)	Depth Porosily Type		thology	Geological Descriptions	TG, C1-C5 TG (Units) C1 (units) C2 (units) C3 (units) C4 (units) C5 (units)
	3750 3700 3650 36	24% 198 198 108 108 108 108 108 108 108 108 108 10			The following are sample tops w/associated datums in parentheses



The Control of the Co				**************************************	**************************************
	- 1				
2				40000000000000000000000000000000000000	
	4050				
	4			***************************************	
	***				
	-			********************************	77777000000000000000000000000000000000
	- 1				
The second secon				AMAZON CONTROL	
	1		LS: tan-gry, fxln, fr inxln por,	#20100100100100100100100000000000000000	
CONTRACTOR OF STREET,			chalky, shaley, NS	#1000000000000000000000000000000000000	
	- 1				
	****		I Color was faller to be also was	Department of the Control of the Con	
			LS: tan-gry, fxln, fr inxln por,		
	-		chalky, shaley, NS	#1#(press) (\$120200) (10000000000000000000000000000000000	
	- 1				
	-		1		Heebner 4082 (-871)
			SH: blk, carb	***************************************	Record 4002 (-071)
					# 14 CANADA SA
	- 1				
			SH: gry-grn-blk	**************************************	
		<del>                                      </del>	-		шиминентиничника
	4100		1	ATTENDED CONTRACTOR OF THE PROPERTY OF THE PRO	***************************************
					T1- 4404 / 000\
	4		LS: crm-tan, fxln, fr inxln por,	CONTRACTOR OF THE PROPERTY OF	Toronto 4101 (-890)
	0000			***************************************	
			NS	5400000CW0000000000000000000000000000000	**
			LS: crm-tan, vfxln, dense, NS	ANNEAU LA BOURNA DE LA COMPANION DE LA COMPANI	
	-		Les officially visitly delise, No		
	-		1		
			CU: any and		
			SH: gry-grn		
					Lansing 4126 (-915)
	-				
			LS: wh-tan, vfxln, dense, NS		
			Lo. WIPtan, VIXIII, Gense, No	COMMENTAL AND ASSESSMENT ASSESSME	
					**************************************
				CONTRACTOR OF THE PROPERTY OF	
	-				
100 - 20 100 100 100 100 1	-			AND CONTROL OF STREET AND SERVICE STREET, SERV	
			_	, michaid (0,000,500,000,000,000,000,000,000,000,0	THE DESCRIPTION OF THE PROPERTY OF THE PROPERT
	- 23		SH: grn-gry		
	- 5	++++++===	- 3		
	41				
	_		LS: wh-tan, fxln, pr-fr inxln por,	CALIFORNIA DE DETENDA DA CALIFORNIA ANTONIO COLOMA ENCOLO DE CALIFORNIA	
	-		ssfo, sl stn, sl odor		
		HHHH	3310, 31 3111, 31 0001	Martine Martine Control of the Contr	
				Charles de la company de la co	Management and an analysis of the second control of the second con
	-		SH: gry-grn-brn		
Distriction of the last of the	1110			-	
Total sound many many control or many or				ENDERSONATIONS AND PRESENTING OF A PROPERTY OF THE PROPERTY OF	Light organis A (gastra) Mark Comment and Comment of the Comment o
			I Commeten fuln ne fe invin nor	comply/cacycles/esickasstrosca//Avrandada	
	-		LS: crm-tan, fxln, pr-fr inxln por, mostly dense, ssfo, fr stn, sl		
	netween the same		mostry dense, ssro, ir stn, si		ACCOMPANY AND AND COMPANY AND AND COMPANY
	-		odor	CHARLES AND	
	reason .			-	
	-		I C. orm ton utula dense NO		
	4160		LS: crm-tan, vfxln, dense, NS	**************************************	
	PARAMETER STATE OF THE STATE OF				
	-0			***************************************	The state of the s
C Streets/W	ᅰ윉			-	TG. C1-C5
Et X (min/ft)	860 4200		SH: gry-blk-grn	alana commence de la	MADE RECEIVED THE PROPERTY OF
	MINO.			description were suppressed to the suppressed of	
	MARIN .		LS: wh-gry, fxln, fr inxln por,		
	-		vssfo, gils stn, sl odor		
	MONEY		vaaro, gria arri, ar oddi		
	1000			THE RESERVE THE PROPERTY OF TH	
	Machi		LS: crm-tan, fxln, fr ppt/vug por,		
	-		ssfo, fr stn, sl odor		***************************************
	entra				
<u> TILLLI</u>	MANIE		LS: wh-crm, fxln, oolic, fr por,	NEWSON STATEMENT OF STATEMENT O	
	-		NS	CONTRACTOR AND ADDRESS OF THE ADDRES	
	-		2 (Control 19)		
			10 11 11		
	n) year		LS: wh-tan, fxln, oolic, fr		
			inxln/intool por, NS		
			West and the second sec		
			LS: wh-tan, fxln, oolic, fr	QUESTION AND PRACTICAL PROPERTY OF THE PROPERT	
			inxln/intool por, NS		
	952		manantoor por, No	TA.	
	4250		manumoor por, No		
	4250		man/micor por, No		
	4250				
	4250		SH: gry-blk-grn		
	4550				
	4250				
	4250				
	4550		SH: gry-blk-grn		
	4550				
	4250		SH: gry-blk-grn		
	4550		SH: gry-blk-grn SH: blk-gry		- Muncie Creek 4269 (-1058)
	4550		SH: gry-blk-grn		
	4550		SH: gry-blk-grn SH: blk-gry	•	
	4550		SH: gry-blk-grn SH: blk-gry		







Printed from NeuraView 01/06/11