Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1244918

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 # 31725
Name: Shelby Resources LLC
Address 1: 2717 Canal Blvd
Address 2: SUITE C
City: HAYS State: KS Zip: 67601 + ____
Contact Person: Chris Gottschalk
Phone: (785) 623-1524
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Jeremy Schwartz
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 #:

02/05/2015 — Spud Date or Recompletion Date
02/11/2015 — Date Reached TD
02/11/2015 — Completion Date or Recompletion Date

API No. 15 - 15-009-26083-00-00
Spot Description:
SE - NE - SE - SE Sec. 2 Twp. 18 S. R. 14 ☐ East ☑ West
941 Feet from ☐ North / ☑ South Line of Section
214 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barton
Lease Name: Janice Unit Well #: #1-2
Field Name:
Producing Formation: N/A
Elevation: Ground: 1841 Kelly Bushing: 1850
Total Vertical Depth: 3450 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 801 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: 45000 ppm Fluid volume: 1000 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Shelby Resources
Lease Name: Clark #3-24 License #: 31725
Quarter SW Sec. 24 Twp. 17 S. R. 14 ☐ East ☑ West
County: Barton Permit #: d31557

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: 03/06/2015
☑ **Confidential Release Date:** 03/05/2017
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ I ☐ II ☐ III **Approved by:** NAOMI JAMES **Date:** 03/10/2015

[redacted]

1244918

Operator Name: Shelby Resources LLC Lease Name: Janice Unit Well #: #1-2

Sec. 2 Twp. 18 S. R. 14 ☐ East ☑ West County: Barton

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☑ Sample

Name	Top	Datum
Heebner	3024	-1174
L-KC	3110	-1260
Stark Shale	3293	-1443
BKC	3311	-1461
Conglomerate	3318	-1468
Arbuckle	3340	-1490
RTD	3450	-1600

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	801	60/40 Poz	350	2% gel/ 3% cc

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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 *(Amount and Kind of Material Used)*	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

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	Janice Unit #1-2
Doc ID	1244918

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic

Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	Janice Unit #1-2
Doc ID	1244918

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	801	60/40 Poz	350	2% gel/ 3% cc

DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC`**

445 Union Blvd Suite 208
Lakewood ,Colorado

ATTN: Jeremy Schwartz

Janice Unit #1-2

2-28s-14w Barton

Start Date: 2015.02.09 @ 00:00:00
End Date: 2015.02.09 @ 00:00:00
Job Ticket #: 62070 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.02.09 @ 15:07:43

DRILL STEM TEST REPORT

Shelby Resources LLC`

445 Union Blvd Suite 208
Lakew ood ,Colorado

ATTN: Jeremy Schw artz

2-28s-14w Barton

Janice Unit #1-2

Job Ticket: 62070 **DST#: 1**

Test Start: 2015.02.09 @ 00:00:00

GENERAL INFORMATION:

Formation: **Lansing "A-F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:00:00
Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Gene Budig
Unit No: 60

Interval: 3106.00 ft (KB) To 3181.00 ft (KB) (TVD)
Total Depth: 3181.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

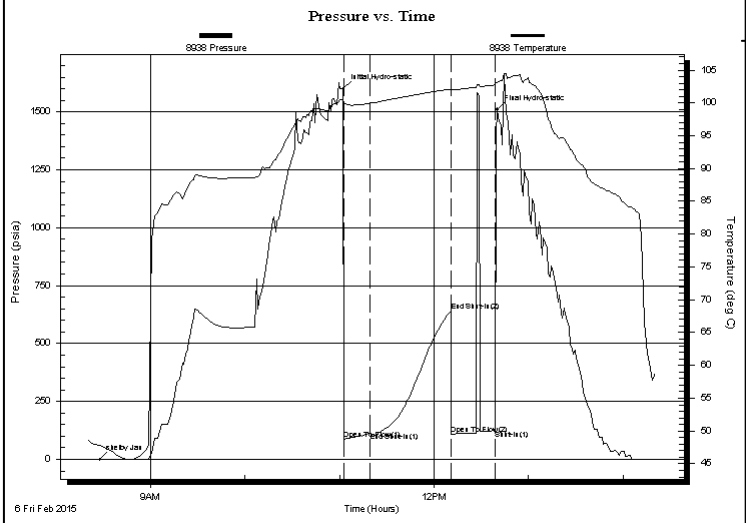
Reference Elevations: 1850.00 ft (KB)
1841.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8938

Press@RunDepth: 642.57 psia @ ft (KB)
Start Date: 2015.02.06 End Date: 2015.02.06
Start Time: 08:21:00 End Time: 14:20:30

Capacity: psia
Last Calib.: 1899.12.30
Time On Btm: 2015.02.06 @ 11:02:30
Time Off Btm: 2015.02.06 @ 12:40:00

TEST COMMENT: 1st Opening 15 Minutes w eak blow builld to 3 1/2 inches into the w ater
1st Shut-In 45 Minutes no blow back
2nd Opening 25 Minutes-Weak blow for 12 minutes and died flushed tool good surge w eak blow for 2 minutes and died cane our of the hole no final shut-in taken



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg C)	Annotation
0	-1.83	47.78	shelby Jan
155	1599.30	100.47	Initial Hydro-static
155	84.70	100.00	Open To Flow (1)
172	117.43	99.95	End Shut-In(1)
223	642.57	102.09	End Shut-In(2)
223	108.47	101.97	Open To Flow (2)
251	123.63	102.74	Shut-In(1)
252	1509.76	103.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	drilling mud w ith a good show of dead	0.64
0.00	oil betw een the tools	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources LLC`

445 Union Blvd Suite 208
Lakew ood ,Colorado

ATTN: Jeremy Schw artz

2-28s-14w Barton

Janice Unit #1-2

Job Ticket: 62070 **DST#: 1**

Test Start: 2015.02.09 @ 00:00:00

Tool Information

Drill Pipe:	Length:	2885.00 ft	Diameter:	3.80 inches	Volume:	40.47 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	208.00 ft	Diameter:	2.25 inches	Volume:	1.02 bbl	Weight to Pull Loose:		72000.00 lb
					Total Volume:	41.49 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		15.00 ft					String Weight:	Initial	60000.00 lb
Depth to Top Packer:		3106.00 ft						Final	60000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		74.47 ft							
Tool Length:		102.47 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3083.00		
Hydraulic tool	5.00			3088.00		
Jars	6.00			3094.00		
Safety Joint	2.00			3096.00		
Top Packer	5.00			3101.00		
Packer	5.00			3106.00	28.00	Bottom Of Top Packer
Anchor	6.00			3112.00		
Change Over Sub	0.75			3112.75		
Drill Pipe	31.97			3144.72		
Change Over Sub	0.75			3145.47		
Anchor	30.00			3175.47		
Recorder	0.00		Inside	3175.47		
Recorder	0.00		Outside	3175.47		
Bullnose	5.00			3180.47	74.47	Anchor Tool
Total Tool Length:	**102.47**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC`

445 Union Blvd Suite 208
Lakew ood ,Colorado

ATTN: Jeremy Schw artz

2-28s-14w Barton

Janice Unit #1-2

Job Ticket: 62070 **DST#: 1**

Test Start: 2015.02.09 @ 00:00:00

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:	68.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.39 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	8200.00 ppm				
Filter Cake:	inches				

Recovery Information

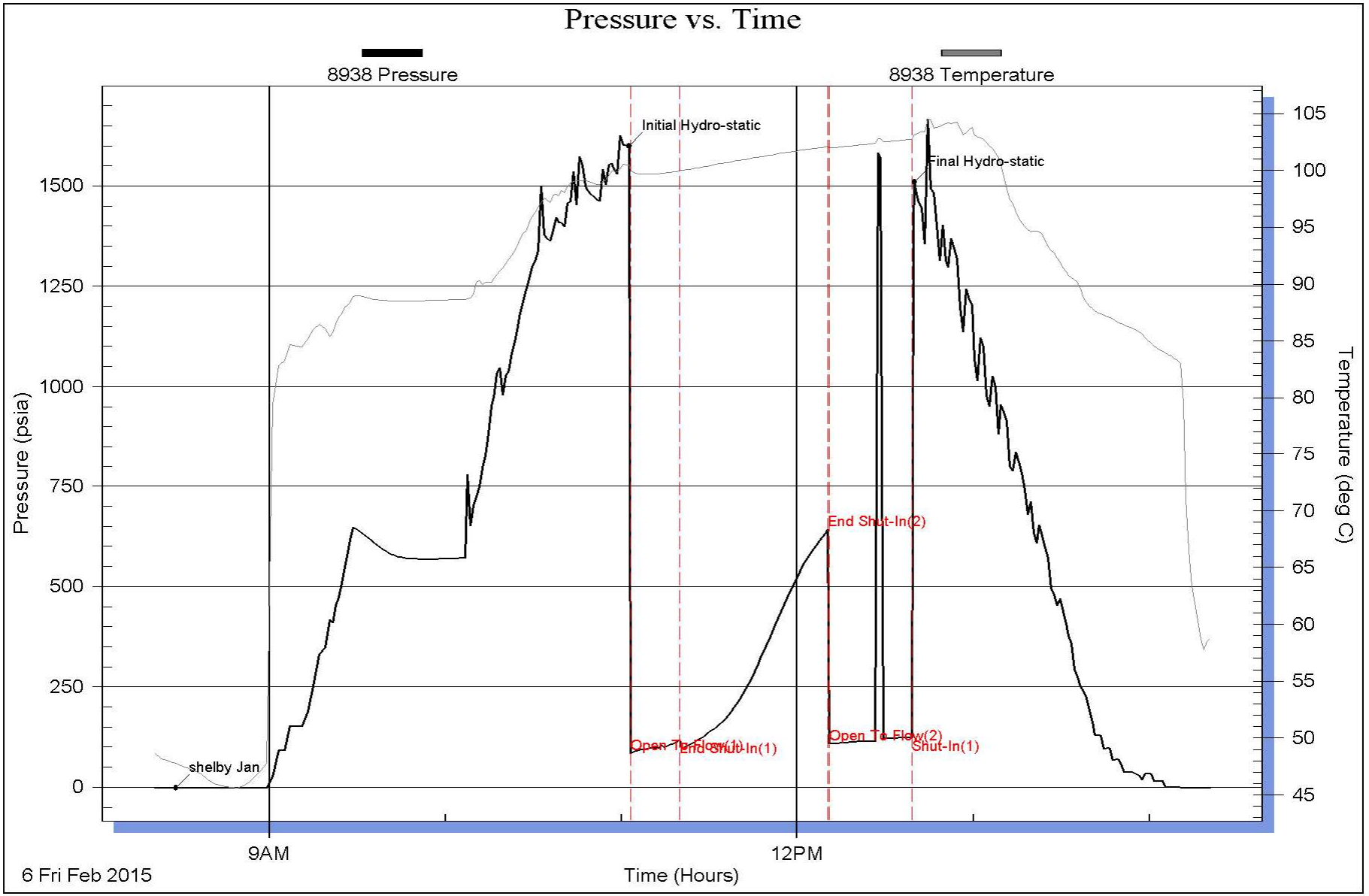
Recovery Table

Length ft	Description	Volume bbl
130.00	drilling mud w ith a good show of dead	0.639
0.00	oil betw een the tools	0.000

Total Length: 130.00 ft Total Volume: 0.639 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8938 Shelby Resources LLC Janice Unit #1-2 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 62070 Printed: 2015.02.09 @ 15:08:23

DRILL STEM TEST REPORT

Shelby Resources LLC`

445 Union Blvd Suite 208
Lakew ood ,Colorado

ATTN: Jeremy Schw artz

2-28s-14w Barton

Janice Unit #1-2

Job Ticket: 62071 **DST#: 2**

Test Start: 2015.02.10 @ 03:21:00

GENERAL INFORMATION:

Formation: **Lansing "H-K"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:23:30
Time Test Ended: 08:37:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Gene Budig
Unit No: 60

Interval: 3328.00 ft (KB) To 3315.00 ft (KB) (TVD)
Total Depth: 3328.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

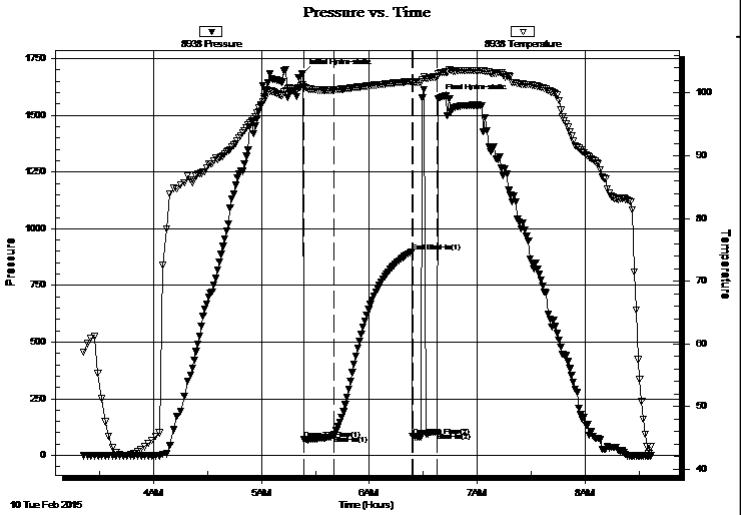
Reference Elevations: 1850.00 ft (KB)
1841.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8938 **Inside**

Press@RunDepth: 89.70 psia @ 3309.54 ft (KB)
Start Date: 2015.02.10 End Date: 2015.02.10
Start Time: 03:21:00 End Time: 08:37:00

Capacity: 5000.00 psia
Last Calib.: 2015.02.10
Time On Btm: 2015.02.10 @ 05:23:00
Time Off Btm: 2015.02.10 @ 06:38:30

TEST COMMENT: 1st Opening 15 Minutes-w eak blow lfor 12 minutes and died'
1st Shut-In 45 Minutes no blow back
2nd Opening 20 Minutes no blow flushed tool good surge w eak blow for 2 minuytes and died came out of the hole no final shut in taken



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg C)	Annotation
0	1683.48	101.39	Initial Hydro-static
1	68.96	100.96	Open To Flow (1)
17	89.70	100.50	Shut-In(1)
61	898.31	101.86	End Shut-In(1)
61	82.88	101.64	Open To Flow (2)
75	100.86	102.53	Shut-In(2)
76	1574.12	103.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.05

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC`

445 Union Blvd Suite 208
Lakew ood ,Colorado

ATTN: Jeremy Schw artz

2-28s-14w Barton

Janice Unit #1-2

Job Ticket: 62071 **DST#: 2**

Test Start: 2015.02.10 @ 03:21:00

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:	68.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.38 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	8200.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

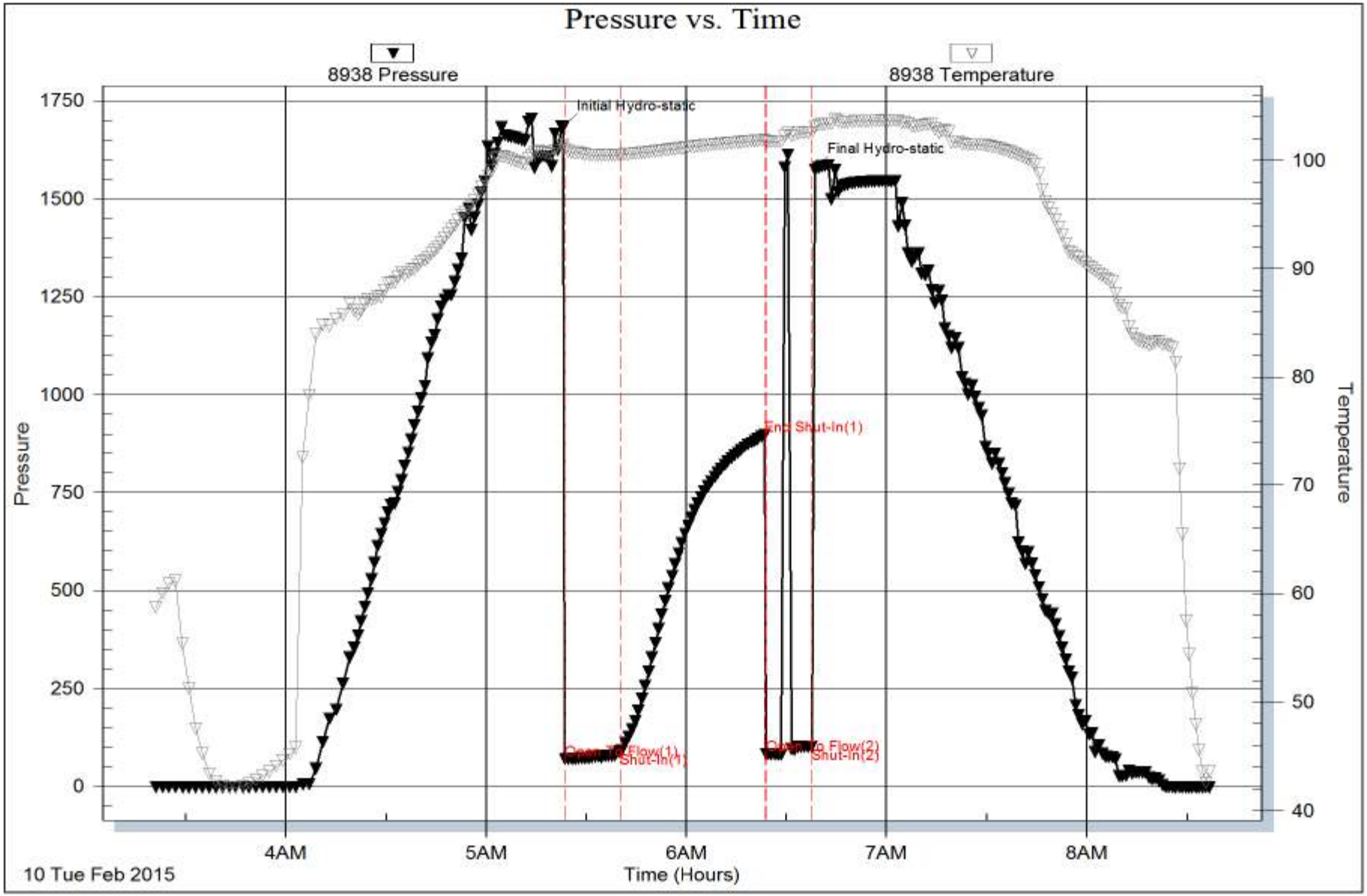
Recovery Table

Length ft	Description	Volume bbl
10.00	Drilling Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8938 **Inside** Shelby Resources LLC Janice Unit #1-2 DST Test Number: 2



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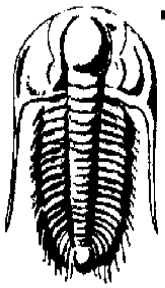


TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Shelby Resources**

448 Union Blvd Suite 208
Lakewood, Colorado 80228

ATTN: Jeremy Schwartz

Janice Unit #1-2

2-18s-14w Barton

Start Date: 2015.02.10 @ 05:20:00

End Date: 2015.02.10 @ 09:40:00

Job Ticket #: 62072 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.02.11 @ 00:50:31

DRILL STEM TEST REPORT

Shelby Resources

448 Union Blvd Suite 208
Lakew ood, Colorado 80228

ATTN: Jeremy Schw artz

2-18s-14w Barton

Janice Unit #1-2

Job Ticket: 62072 **DST#: 3**

Test Start: 2015.02.10 @ 05:20:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:02:30
Time Test Ended: 09:40:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Gene Budig
Unit No: 60

Interval: 3308.00 ft (KB) To 3348.00 ft (KB) (TVD)
Total Depth: 3348.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

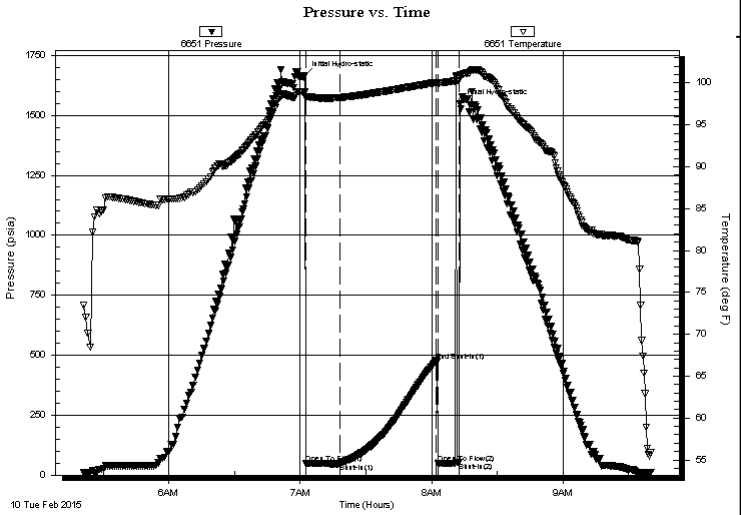
Reference Elevations: 1850.00 ft (KB)
1841.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6651 **Inside**

Press@RunDepth: 49.99 psia @ 3344.00 ft (KB)
Start Date: 2015.02.10 End Date: 2015.02.10
Start Time: 05:21:00 End Time: 09:40:00

Capacity: 5000.00 psia
Last Calib.: 2015.02.11
Time On Btm: 2015.02.10 @ 07:02:00
Time Off Btm: 2015.02.10 @ 08:13:00

TEST COMMENT: 1st Opening 15 Minutes w eak blow for 7 minutetes and died
1st Shut-In 45 Minutes
2nd Openinf 20 Minutes no blow flushed tool good surge no help came out of the hole no final shut in w as taken



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1666.77	98.91	Initial Hydro-static
1	48.20	98.24	Open To Flow (1)
16	49.99	98.25	Shut-In(1)
60	477.45	100.05	End Shut-In(1)
61	49.94	99.97	Open To Flow (2)
71	54.62	100.33	Shut-In(2)
71	1547.98	100.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.05

Gas Rates

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

DRILL STEM TEST REPORT

Shelby Resources

448 Union Blvd Suite 208
Lakew ood, Colorado 80228

ATTN: Jeremy Schw artz

2-18s-14w Barton

Janice Unit #1-2

Job Ticket: 62072 **DST#: 3**

Test Start: 2015.02.10 @ 05:20:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:02:30
Time Test Ended: 09:40:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Gene Budig
Unit No: 60

Interval: 3308.00 ft (KB) To 3348.00 ft (KB) (TVD)
Total Depth: 3348.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

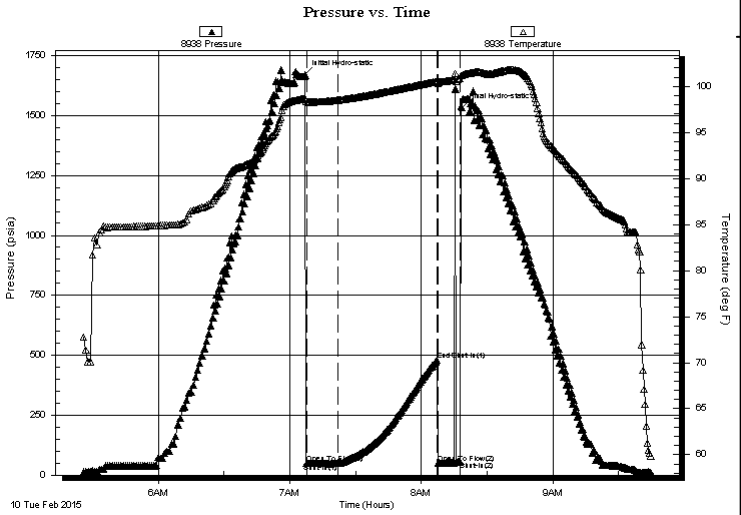
Reference Elevations: 1850.00 ft (KB)
1841.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8938 **Outside**

Press@RunDepth: 479.36 psia @ 3345.00 ft (KB)
Start Date: 2015.02.10 End Date: 2015.02.10
Start Time: 05:26:00 End Time: 09:44:30

Capacity: 5000.00 psia
Last Calib.: 2015.02.11
Time On Btm: 2015.02.10 @ 07:07:00
Time Off Btm: 2015.02.10 @ 08:18:30

TEST COMMENT: 1st Opening 15 Minutes w eak blow for 7 minutetes and died
1st Shut-In 45 Minutes
2nd Openinf 20 Minutes no blow flushed tool good surge no help came out of the hole no final shut in w as taken



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1669.08	98.67	Initial Hydro-static
1	49.44	98.32	Open To Flow (1)
15	48.02	98.51	Shut-In(1)
60	479.36	100.53	End Shut-In(1)
61	51.07	100.35	Open To Flow (2)
71	55.58	100.85	Shut-In(2)
72	1532.23	101.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources

448 Union Blvd Suite 208
Lakew ood, Colorado 80228

ATTN: Jeremy Schw artz

2-18s-14w Barton

Janice Unit #1-2

Job Ticket: 62072 **DST#: 3**

Test Start: 2015.02.10 @ 05:20:00

Tool Information

Drill Pipe:	Length:	3080.00 ft	Diameter:	3.80	inches	Volume:	43.20	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:		inches	Volume:	0.00	bbl	
Drill Collar:	Length:	208.00 ft	Diameter:	2.25	inches	Volume:	1.02	bbl	
						Total Volume:	44.22	bbl	

Drill Pipe Above KB:	8.00 ft
Depth to Top Packer:	3308.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	40.00 ft
Tool Length:	68.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:		2000.00 lb
Weight set on Packer:		20000.00 lb
Weight to Pull Loose:		72999.00 lb
Tool Chased		9.00 ft
String Weight:	Initial	60000.00 lb
	Final	60000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3285.00		
Hydrolic Tool	5.00			3290.00		
Safety Joint	2.00			3292.00		
Jars	6.00			3298.00		
Packer	5.00			3303.00	28.00	Bottom Of Top Packer
Packer	5.00			3308.00		
Anchor	35.00			3343.00		
Recorder	1.00	6651	Inside	3344.00		
Recorder	1.00	8938	Outside	3345.00		
Bullnose	3.00			3348.00	40.00	Bottom Packers & Anchor
Total Tool Length:	**68.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources

448 Union Blvd Suite 208
Lakewood, Colorado 80228

ATTN: Jeremy Schwartz

2-18s-14w Barton

Janice Unit #1-2

Job Ticket: 62072 **DST#: 3**

Test Start: 2015.02.10 @ 05:20:00

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:	63.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	8400.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drilling Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

DRILL STEM TEST REPORT

GAS RATES

Shelby Resources

448 Union Blvd Suite 208
Lakewood, Colorado 80228

ATTN: Jeremy Schwartz

2-18s-14w Barton

Janice Unit #1-2

Job Ticket: 62072 **DST#: 3**

Test Start: 2015.02.10 @ 05:20:00

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
		0.00	0.00	0.00

DRILL STEM TESTING - DATA LISTING

TRILOBITE TESTING, INC.

Shelby Resources

448 Union Blvd Suite 208
Lakewood, Colorado 80228

ATTN: Jeremy Schwartz

2-18s-14w Barton

Janice Unit #1-2

Job Ticket: 62072 **DST#: 3**

Test Start: 2015.02.10 @ 05:20:00

Serial # 6651 **Inside**				**Serial # 6651** **Inside**			
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	0.0	12.32	73.4		33.0	39.66	85.4
	1.0	12.48	72.0		34.0	51.14	85.4
	2.0	12.56	70.2		35.0	69.43	86.1
	3.0	12.58	68.5		36.0	69.56	86.1
	4.0	20.00	82.2		37.0	74.93	86.1
	5.0	12.33	84.0		38.0	99.59	86.2
	6.0	12.26	84.8		39.0	99.80	86.1
	7.0	22.88	84.4		40.0	129.69	86.2
	8.0	22.91	84.6		41.0	128.08	86.1
	9.0	25.87	84.9		42.0	159.84	86.1
	10.0	39.30	86.3		43.0	199.65	86.1
	11.0	39.18	86.4		44.0	236.94	86.2
	12.0	39.14	86.4		45.0	240.60	86.3
	13.0	39.11	86.3		46.0	274.01	86.4
	14.0	39.09	86.3		47.0	300.85	86.6
	15.0	39.07	86.3		48.0	331.19	86.7
	16.0	39.05	86.2		49.0	344.91	87.0
	17.0	39.04	86.2		50.0	375.61	86.9
	18.0	39.02	86.1		51.0	408.95	87.0
	19.0	39.01	86.1		52.0	437.48	87.3
	20.0	38.99	86.0		53.0	467.21	87.4
	21.0	38.98	86.0		54.0	498.50	87.7
	22.0	38.97	85.9		55.0	527.30	88.0
	23.0	38.97	85.9		56.0	559.23	88.2
	24.0	38.96	85.8		57.0	590.65	88.5
	25.0	38.96	85.8		58.0	623.71	88.8
	26.0	38.95	85.7		59.0	653.74	89.4
	27.0	38.95	85.7		59.5	690.70	89.5
	28.0	38.93	85.6		60.0	684.24	89.8
	29.0	38.94	85.6		60.5	724.85	89.8
	30.0	38.91	85.5		61.0	714.52	90.1
	31.0	38.91	85.5		61.5	756.53	90.1
	32.0	38.91	85.4		62.0	745.09	90.4

Printing every 1 samples

Serial # 6651 Inside				Serial # 6651 Inside			
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	62.5	779.31	90.3		83.0	1415.03	95.0
	63.0	776.71	90.2		83.5	1453.30	95.3
	63.5	838.12	90.0		84.0	1446.41	95.5
	64.0	810.05	90.1		84.5	1517.90	95.7
	64.5	881.16	90.1		85.0	1480.07	96.0
	65.0	841.26	90.1		85.5	1548.04	96.1
	65.5	868.61	90.1		86.0	1516.33	96.3
	66.0	874.68	90.4		86.5	1569.52	96.3
	66.5	924.27	90.5		87.0	1548.93	96.9
	67.0	907.82	90.6		87.5	1609.12	97.1
	67.5	991.06	90.6		88.0	1581.99	97.8
	68.0	939.87	90.8		88.5	1634.13	97.9
	68.5	1066.90	90.9		89.0	1608.94	98.2
	69.0	974.74	91.0		89.5	1610.79	98.3
	69.5	1058.78	91.1		90.0	1688.29	98.4
	70.0	1004.10	91.3		90.5	1641.85	98.5
	70.5	1037.64	91.4		91.0	1639.84	98.7
	71.0	1035.10	91.5		91.5	1638.25	98.6
	71.5	1062.39	91.5		92.0	1637.12	98.6
	72.0	1066.33	91.7		92.5	1636.25	98.5
	72.5	1097.13	91.9		93.0	1635.21	98.5
	73.0	1110.63	92.0		93.5	1634.70	98.4
	73.5	1130.89	92.2		94.0	1633.91	98.4
	74.0	1195.54	92.3		94.5	1633.19	98.3
	74.5	1161.85	92.5		95.0	1632.84	98.3
	75.0	1221.12	92.6		95.5	1632.70	98.2
	75.5	1195.56	92.8		96.0	1615.82	98.2
	76.0	1266.65	92.9		96.5	1660.91	98.2
	76.5	1226.70	93.2		97.0	1682.19	98.5
	77.0	1281.01	93.2		97.5	1683.30	98.8
	77.5	1257.19	93.5		98.0	1665.51	99.0
	78.0	1316.73	93.6		98.5	1663.15	99.0
	78.5	1288.25	93.8		99.0	1662.19	99.0
	79.0	1354.05	93.8		99.5	1662.70	98.9
	79.5	1319.94	94.2		100.0	1661.16	98.9
	80.0	1377.26	94.2		100.5	1660.22	98.9
	80.5	1350.11	94.4	Initial Hydro-static	101.0	1666.77	98.9
	81.0	1398.91	94.5	Open To Flow (1)	101.5	48.20	98.2
	81.5	1381.20	94.8		102.0	48.37	98.4
	82.0	1402.81	94.9		102.5	48.25	98.4
	82.5	1410.02	95.0		103.0	48.29	98.3

Printing every 1 samples

Serial # 6651 Inside				Serial # 6651 Inside			
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	103.5	48.35	98.3		124.0	77.12	98.5
	104.0	48.12	98.3		124.5	79.51	98.5
	104.5	48.37	98.3		125.0	81.99	98.5
	105.0	48.53	98.3		125.5	84.50	98.5
	105.5	48.44	98.2		126.0	87.28	98.5
	106.0	48.52	98.2		126.5	90.05	98.5
	106.5	48.91	98.2		127.0	92.85	98.6
	107.0	48.93	98.2		127.5	95.75	98.6
	107.5	48.93	98.2		128.0	98.68	98.6
	108.0	49.29	98.2		128.5	101.76	98.6
	108.5	49.30	98.2		129.0	104.90	98.6
	109.0	49.20	98.2		129.5	108.22	98.7
	109.5	49.33	98.2		130.0	111.61	98.7
	110.0	49.00	98.2		130.5	115.14	98.7
	110.5	48.53	98.2		131.0	118.67	98.7
	111.0	48.43	98.2		131.5	122.43	98.7
	111.5	48.33	98.2		132.0	126.21	98.8
	112.0	48.34	98.2		132.5	130.32	98.8
	112.5	47.22	98.2		133.0	134.34	98.8
	113.0	47.36	98.2		133.5	138.63	98.8
	113.5	47.48	98.2		134.0	142.91	98.8
	114.0	47.43	98.2		134.5	147.46	98.9
	114.5	47.47	98.2		135.0	152.13	98.9
	115.0	47.43	98.2		135.5	156.73	98.9
	115.5	47.33	98.2		136.0	161.77	98.9
	116.0	47.19	98.2		136.5	166.67	99.0
	116.5	48.33	98.2		137.0	171.71	99.0
Shut-In(1)	117.0	49.99	98.3		137.5	176.83	99.0
	117.5	51.74	98.3		138.0	182.10	99.0
	118.0	53.37	98.3		138.5	187.50	99.0
	118.5	54.96	98.3		139.0	193.09	99.1
	119.0	56.75	98.3		139.5	198.84	99.1
	119.5	58.55	98.3		140.0	204.72	99.1
	120.0	60.40	98.3		140.5	210.53	99.1
	120.5	62.25	98.3		141.0	216.62	99.1
	121.0	64.23	98.4		141.5	222.84	99.2
	121.5	66.20	98.4		142.0	229.21	99.2
	122.0	68.28	98.4		142.5	235.56	99.2
	122.5	70.50	98.4		143.0	242.19	99.2
	123.0	72.69	98.4		143.5	248.78	99.3
	123.5	74.90	98.4		144.0	255.52	99.3

Printing every 1 samples

Serial # 6651 Inside				Serial # 6651 Inside			
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	144.5	262.47	99.3		165.0	50.00	100.1
	145.0	269.28	99.3		165.5	50.04	100.1
	145.5	276.07	99.4		166.0	50.08	100.1
	146.0	283.16	99.4		166.5	50.10	100.1
	146.5	290.12	99.4		167.0	50.12	100.1
	147.0	295.49	99.4		167.5	50.14	100.2
	147.5	302.80	99.4		168.0	50.12	100.2
	148.0	309.92	99.5		168.5	50.14	100.2
	148.5	317.10	99.5		169.0	50.17	100.2
	149.0	324.15	99.5		169.5	49.23	100.2
	149.5	331.21	99.5		170.0	1663.48	100.7
	150.0	338.34	99.6		170.5	54.53	100.3
	150.5	345.25	99.6		171.0	54.61	100.3
	151.0	352.34	99.6	Shut-In(2)	171.5	54.62	100.3
	151.5	359.09	99.6	Final Hydro-static	172.0	1547.98	101.0
	152.0	365.95	99.6		172.5	1527.96	100.9
	152.5	372.77	99.7		173.0	1575.42	101.0
	153.0	379.56	99.7		173.5	1565.30	101.1
	153.5	386.24	99.7		174.0	1565.20	101.1
	154.0	392.84	99.7		174.5	1566.12	101.1
	154.5	399.33	99.8		175.0	1567.37	101.2
	155.0	405.88	99.8		175.5	1568.72	101.2
	155.5	412.28	99.8		176.0	1513.66	101.2
	156.0	418.67	99.8		176.5	1516.55	101.3
	156.5	424.74	99.8		177.0	1542.56	101.5
	157.0	430.94	99.9		177.5	1597.89	101.6
	157.5	437.02	99.9		178.0	1484.02	101.5
	158.0	443.06	99.9		178.5	1543.65	101.6
	158.5	449.01	99.9		179.0	1534.55	101.6
	159.0	454.88	100.0		179.5	1482.75	101.6
	159.5	460.59	100.0		180.0	1524.69	101.5
	160.0	466.40	100.0		180.5	1488.57	101.4
	160.5	471.95	100.0		181.0	1442.15	101.4
End Shut-In(1)	161.0	477.45	100.0		181.5	1488.49	101.3
	161.5	470.11	100.1		182.0	1428.45	101.2
Open To Flow (2)	162.0	49.94	100.0		182.5	1462.19	100.9
	162.5	49.77	100.0		183.0	1394.04	100.8
	163.0	49.60	100.0		183.5	1440.84	100.8
	163.5	49.66	100.0		184.0	1427.36	100.7
	164.0	49.77	100.0		184.5	1365.07	100.7
	164.5	49.53	100.0		185.0	1401.36	100.6

Printing every 1 samples

Serial # 6651 Inside				Serial # 6651 Inside			
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	185.5	1346.81	100.5		206.0	830.81	93.5
	186.0	1377.47	100.4		206.5	823.23	93.2
	186.5	1311.51	100.2		207.0	801.55	93.1
	187.0	1357.55	100.2		207.5	795.03	93.0
	187.5	1341.67	100.0		208.0	781.05	92.9
	188.0	1278.10	99.8		208.5	769.51	92.8
	188.5	1314.19	99.6		209.0	718.56	92.7
	189.0	1248.17	99.4		209.5	740.54	92.5
	189.5	1289.15	99.2		210.0	687.12	92.4
	190.0	1277.22	98.7		210.5	710.50	92.1
	190.5	1212.89	98.5		211.0	648.11	91.9
	191.0	1248.90	98.4		211.5	680.17	91.9
	191.5	1186.24	98.2		212.0	620.73	91.8
	192.0	1221.44	98.0		212.5	649.90	91.8
	192.5	1164.03	97.7		213.0	592.27	91.8
	193.0	1193.44	97.7		213.5	619.20	91.8
	193.5	1132.06	97.2		214.0	561.97	91.6
	194.0	1162.69	97.2		214.5	588.47	91.5
	194.5	1156.15	96.9		215.0	534.80	91.3
	195.0	1086.50	96.9		215.5	557.91	90.5
	195.5	1127.02	96.7		216.0	507.45	89.9
	196.0	1066.34	96.5		216.5	527.21	89.5
	196.5	1101.04	96.4		217.0	484.19	89.1
	197.0	1042.80	96.1		217.5	496.31	88.8
	197.5	1072.57	96.0		218.0	456.40	88.3
	198.0	1014.40	95.8		218.5	465.64	88.1
	198.5	1041.07	95.8		219.0	423.37	87.8
	199.0	1030.76	95.5		219.5	434.93	87.7
	199.5	963.46	95.4		220.0	395.19	87.6
	200.0	1005.61	95.3		220.5	404.38	87.3
	200.5	937.12	95.2		221.0	365.81	87.0
	201.0	973.47	95.0		221.5	374.21	86.7
	201.5	902.92	94.8		222.0	339.63	86.3
	202.0	944.68	94.7		222.5	343.65	86.1
	202.5	886.40	94.6		223.0	310.76	85.8
	203.0	915.60	94.5		223.5	313.02	85.7
	203.5	854.34	94.4		224.0	282.48	85.5
	204.0	889.02	94.3		224.5	281.94	85.3
	204.5	834.23	94.1		225.0	254.24	85.0
	205.0	860.05	93.9		225.5	251.51	84.7
	205.5	808.78	93.7		226.0	226.02	84.3

Printing every 1 samples

Serial # 6651 Inside				Serial # 6651 Inside			
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	226.5	220.58	84.0		247.0	29.28	81.5
	227.0	206.16	83.7		247.5	27.48	81.4
	227.5	190.04	83.4		248.0	26.16	81.3
	228.0	189.86	83.0		248.5	23.29	81.3
	228.5	159.52	82.8		249.0	22.96	81.2
	229.0	158.88	82.7		249.5	22.68	81.2
	229.5	126.47	82.5		250.0	22.61	81.2
	230.0	127.48	82.4		250.5	22.53	81.2
	230.5	127.58	82.4		251.0	22.38	81.2
	231.0	128.62	82.4		251.5	20.41	81.2
	231.5	128.69	82.4		252.0	14.00	81.2
	232.0	85.68	82.4		252.5	12.49	81.1
	232.5	98.32	82.1		253.0	12.51	81.1
	233.0	98.16	82.0		253.5	12.37	81.1
	233.5	84.70	82.0		254.0	12.49	77.8
	234.0	67.67	81.9		254.5	12.44	73.5
	234.5	69.22	81.9		255.0	12.59	69.2
	235.0	68.56	81.9		255.5	12.59	67.3
	235.5	68.44	81.9		256.0	12.50	65.4
	236.0	69.39	81.9		256.5	12.37	62.9
	236.5	39.58	81.9		257.0	12.58	58.9
	237.0	40.35	81.8		257.5	12.60	56.4
	237.5	40.31	81.7		258.0	12.49	55.6
	238.0	40.21	81.7		258.5	12.35	55.5
	238.5	40.46	81.8		259.0	12.37	55.9
	239.0	40.02	81.8				
	239.5	39.88	81.8				
	240.0	39.83	81.8				
	240.5	39.22	81.8				
	241.0	38.33	81.8				
	241.5	39.68	81.8				
	242.0	37.92	81.7				
	242.5	37.69	81.7				
	243.0	37.59	81.7				
	243.5	37.57	81.7				
	244.0	37.62	81.7				
	244.5	35.36	81.7				
	245.0	35.33	81.7				
	245.5	32.37	81.6				
	246.0	31.85	81.5				
	246.5	30.01	81.5				

Printing every 1 samples

DRILL STEM TESTING - DATA LISTING

TRILOBITE TESTING, INC.

Shelby Resources

448 Union Blvd Suite 208
Lakewood, Colorado 80228

ATTN: Jeremy Schwartz

2-18s-14w Barton

Janice Unit #1-2

Job Ticket: 62072 **DST#: 3**

Test Start: 2015.02.10 @ 05:20:00

Serial # 8938	**Outside**		
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	0.0	14.13	72.8
	1.0	13.93	71.3
	2.0	13.89	70.1
	3.0	14.52	70.1
	4.0	19.19	81.7
	5.0	14.51	83.5
	6.0	14.67	82.8
	7.0	23.34	84.2
	8.0	23.42	84.4
	9.0	26.15	84.9
	10.0	39.52	84.7
	11.0	39.33	84.7
	12.0	39.34	84.7
	13.0	39.33	84.7
	14.0	39.32	84.7
	15.0	39.33	84.7
	16.0	39.31	84.7
	17.0	39.29	84.8
	18.0	39.29	84.8
	19.0	39.29	84.8
	20.0	39.27	84.8
	21.0	39.26	84.8
	22.0	39.25	84.8
	23.0	39.25	84.8
	24.0	39.25	84.8
	25.0	39.25	84.8
	26.0	39.25	84.8
	27.0	39.26	84.8
	28.0	39.24	84.8
	29.0	39.23	84.8
	30.0	39.21	84.8
	31.0	39.20	84.8
	32.0	39.23	84.9

Serial # 8938	**Outside**		
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	33.0	39.74	84.9
	34.0	73.38	84.9
	35.0	69.98	84.9
	36.0	70.00	84.9
	37.0	90.71	84.9
	38.0	100.17	84.9
	39.0	100.73	84.9
	40.0	130.48	85.0
	41.0	130.63	85.0
	42.0	160.82	85.0
	43.0	210.43	85.0
	44.0	237.45	85.1
	45.0	278.26	85.2
	46.0	285.35	85.3
	47.0	313.20	85.6
	48.0	342.62	86.1
	49.0	345.61	86.5
	50.0	376.54	86.6
	51.0	409.61	86.6
	52.0	438.14	86.7
	53.0	467.79	86.8
	54.0	499.10	86.9
	55.0	527.83	86.9
	56.0	559.82	87.1
	57.0	591.02	87.2
	58.0	624.40	87.3
	59.0	654.51	87.6
	59.5	709.57	87.8
	60.0	684.86	88.0
	60.5	751.26	88.1
	61.0	714.97	88.4
	61.5	778.43	88.4
	62.0	745.34	88.6

Printing every 1 samples

Serial # 8938 Outside				Serial # 8938 Outside			
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	62.5	811.78	88.7		83.0	1473.93	93.8
	63.0	776.66	88.7		83.5	1444.83	94.0
	63.5	851.61	88.8		84.0	1458.80	94.1
	64.0	810.21	89.1		84.5	1474.55	94.3
	64.5	861.71	89.3		85.0	1480.58	94.4
	65.0	841.33	89.6		85.5	1563.92	94.5
	65.5	904.72	89.8		86.0	1516.95	94.7
	66.0	874.78	90.2		86.5	1584.63	94.8
	66.5	969.89	90.5		87.0	1550.13	95.0
	67.0	907.97	90.7		87.5	1643.35	95.1
	67.5	998.72	90.8		88.0	1583.09	95.4
	68.0	940.15	90.9		88.5	1640.90	95.7
	68.5	966.77	90.9		89.0	1611.59	96.1
	69.0	975.02	91.0		89.5	1611.00	96.4
	69.5	1001.86	91.1		90.0	1689.12	96.6
	70.0	1000.04	91.1		90.5	1642.22	97.4
	70.5	1036.00	91.2		91.0	1640.40	97.8
	71.0	1070.10	91.2		91.5	1638.81	98.0
	71.5	1067.53	91.2		92.0	1637.81	98.1
	72.0	1135.73	91.2		92.5	1636.90	98.2
	72.5	1099.57	91.3		93.0	1635.99	98.3
	73.0	1171.25	91.3		93.5	1635.25	98.3
	73.5	1132.12	91.4		94.0	1634.31	98.3
	74.0	1212.77	91.5		94.5	1634.12	98.4
	74.5	1162.80	91.5		95.0	1633.50	98.4
	75.0	1248.22	91.6		95.5	1633.31	98.4
	75.5	1196.40	91.6		96.0	1639.45	98.4
	76.0	1275.32	91.7		96.5	1682.90	98.5
	76.5	1227.51	91.8		97.0	1673.62	98.5
	77.0	1303.39	91.8		97.5	1669.75	98.5
	77.5	1258.63	91.9		98.0	1665.61	98.6
	78.0	1329.68	92.0		98.5	1663.59	98.6
	78.5	1289.52	92.2		99.0	1663.58	98.6
	79.0	1365.55	92.3		99.5	1662.58	98.6
	79.5	1321.23	92.5		100.0	1661.40	98.6
	80.0	1377.91	92.7		100.5	1663.60	98.7
	80.5	1352.09	92.8	Initial Hydro-static	101.0	1669.08	98.7
	81.0	1410.26	92.9	Open To Flow (1)	101.5	49.44	98.3
	81.5	1384.16	93.2		102.0	49.42	98.3
	82.0	1430.60	93.3		102.5	49.29	98.3
	82.5	1415.13	93.6		103.0	49.40	98.3

Printing every 1 samples

Serial # 8938 Outside				Serial # 8938 Outside			
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	103.5	49.11	98.3		124.0	78.74	98.8
	104.0	49.30	98.3		124.5	81.04	98.8
	104.5	49.82	98.3		125.0	83.58	98.8
	105.0	49.54	98.3		125.5	86.26	98.8
	105.5	49.54	98.3		126.0	88.94	98.9
	106.0	49.52	98.3		126.5	91.72	98.9
	106.5	49.85	98.3		127.0	94.59	98.9
	107.0	49.85	98.3		127.5	97.41	98.9
	107.5	50.22	98.3		128.0	100.45	99.0
	108.0	50.16	98.3		128.5	103.52	99.0
	108.5	50.08	98.3		129.0	106.71	99.0
	109.0	50.21	98.4		129.5	110.03	99.0
	109.5	50.22	98.4		130.0	113.47	99.0
	110.0	49.92	98.4		130.5	117.06	99.1
	110.5	49.71	98.4		131.0	120.62	99.1
	111.0	49.28	98.4		131.5	124.27	99.1
	111.5	49.16	98.4		132.0	128.22	99.1
	112.0	48.99	98.4		132.5	132.20	99.2
	112.5	47.59	98.4		133.0	136.28	99.2
	113.0	48.56	98.4		133.5	140.52	99.2
	113.5	48.48	98.4		134.0	144.96	99.2
	114.0	48.45	98.5		134.5	149.40	99.3
	114.5	48.32	98.5		135.0	154.01	99.3
	115.0	48.26	98.5		135.5	158.83	99.3
	115.5	48.15	98.5		136.0	163.56	99.3
Shut-In(1)	116.0	48.02	98.5		136.5	168.53	99.4
	116.5	49.70	98.5		137.0	173.58	99.4
	117.0	51.29	98.5		137.5	178.71	99.4
	117.5	52.87	98.6		138.0	184.05	99.4
	118.0	54.67	98.6		138.5	189.42	99.4
	118.5	56.26	98.6		139.0	195.10	99.5
	119.0	58.00	98.6		139.5	200.86	99.5
	119.5	59.77	98.6		140.0	206.83	99.5
	120.0	61.76	98.6		140.5	212.68	99.5
	120.5	63.60	98.7		141.0	218.88	99.6
	121.0	65.53	98.7		141.5	225.14	99.6
	121.5	67.63	98.7		142.0	231.52	99.6
	122.0	69.75	98.7		142.5	237.96	99.6
	122.5	71.96	98.7		143.0	244.61	99.7
	123.0	74.27	98.8		143.5	251.19	99.7
	123.5	76.50	98.8		144.0	257.94	99.7

Printing every 1 samples

Serial # 8938 Outside				Serial # 8938 Outside			
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	144.5	264.84	99.7		165.0	50.95	100.6
	145.0	271.64	99.8		165.5	50.97	100.6
	145.5	278.53	99.8		166.0	50.99	100.6
	146.0	285.58	99.8		166.5	51.03	100.6
	146.5	292.57	99.8		167.0	51.04	100.7
	147.0	298.09	99.9		167.5	51.06	100.7
	147.5	305.24	99.9		168.0	51.07	100.7
	148.0	312.37	99.9		168.5	51.09	100.7
	148.5	319.52	99.9		169.0	51.02	100.7
	149.0	326.58	100.0		169.5	1610.70	101.4
	149.5	333.63	100.0		170.0	55.51	100.5
	150.0	340.68	100.0		170.5	55.62	100.8
	150.5	347.67	100.0		171.0	55.64	100.8
	151.0	354.50	100.1	Shut-In(2)	171.5	55.58	100.8
	151.5	361.39	100.1		172.0	1535.93	101.2
	152.0	368.27	100.1	Final Hydro-static	172.5	1532.23	101.2
	152.5	375.04	100.1		173.0	1570.65	101.3
	153.0	381.82	100.2		173.5	1565.81	101.3
	153.5	388.46	100.2		174.0	1565.80	101.3
	154.0	395.04	100.2		174.5	1567.06	101.4
	154.5	401.59	100.2		175.0	1568.11	101.4
	155.0	407.93	100.3		175.5	1569.42	101.4
	155.5	414.39	100.3		176.0	1518.76	101.4
	156.0	420.61	100.3		176.5	1550.04	101.5
	156.5	426.88	100.3		177.0	1542.38	101.5
	157.0	432.97	100.3		177.5	1601.41	101.5
	157.5	438.97	100.4		178.0	1480.47	101.5
	158.0	445.11	100.4		178.5	1540.78	101.5
	158.5	450.97	100.4		179.0	1533.98	101.6
	159.0	456.77	100.4		179.5	1480.59	101.6
	159.5	462.52	100.5		180.0	1519.60	101.6
	160.0	468.36	100.5		180.5	1458.33	101.5
	160.5	473.87	100.5		181.0	1494.81	101.5
End Shut-In(1)	161.0	479.36	100.5		181.5	1487.66	101.5
Open To Flow (2)	161.5	51.07	100.4		182.0	1420.91	101.5
	162.0	50.87	100.5		182.5	1458.94	101.4
	162.5	50.57	100.5		183.0	1402.27	101.4
	163.0	50.57	100.5		183.5	1439.52	101.4
	163.5	50.62	100.5		184.0	1401.48	101.3
	164.0	50.31	100.5		184.5	1360.45	101.3
	164.5	50.87	100.6		185.0	1400.08	101.3

Printing every 1 samples

Serial # 8938 Outside				Serial # 8938 Outside			
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	185.5	1337.94	101.3		206.0	830.18	98.7
	186.0	1373.30	101.4		206.5	784.13	98.2
	186.5	1318.36	101.4		207.0	803.29	97.6
	187.0	1350.44	101.5		207.5	760.27	97.0
	187.5	1337.18	101.5		208.0	774.29	96.5
	188.0	1273.87	101.5		208.5	737.54	96.0
	188.5	1314.08	101.5		209.0	743.79	95.4
	189.0	1252.99	101.5		209.5	740.07	94.9
	189.5	1285.29	101.6		210.0	713.40	94.6
	190.0	1222.49	101.6		210.5	710.28	94.3
	190.5	1253.61	101.7		211.0	683.27	94.1
	191.0	1248.01	101.7		211.5	680.11	94.0
	191.5	1180.85	101.7		212.0	654.44	93.8
	192.0	1219.35	101.7		212.5	649.90	93.7
	192.5	1155.45	101.8		213.0	581.10	93.5
	193.0	1189.31	101.8		213.5	619.20	93.4
	193.5	1132.84	101.8		214.0	554.03	93.3
	194.0	1165.27	101.8		214.5	588.53	93.2
	194.5	1105.27	101.8		215.0	523.74	93.0
	195.0	1134.51	101.8		215.5	558.08	92.9
	195.5	1126.08	101.8		216.0	498.67	92.7
	196.0	1057.58	101.8		216.5	527.28	92.6
	196.5	1098.44	101.8		217.0	467.88	92.4
	197.0	1036.19	101.7		217.5	496.58	92.3
	197.5	1069.21	101.7		218.0	439.00	92.2
	198.0	1010.50	101.7		218.5	465.85	92.1
	198.5	1039.09	101.7		219.0	408.16	91.9
	199.0	995.94	101.6		219.5	435.25	91.8
	199.5	1019.99	101.6		220.0	377.20	91.6
	200.0	1003.73	101.5		220.5	404.78	91.5
	200.5	932.16	101.4		221.0	348.92	91.3
	201.0	972.68	101.3		221.5	374.61	91.2
	201.5	901.97	101.2		222.0	326.88	91.1
	202.0	941.90	101.0		222.5	343.91	90.9
	202.5	875.27	100.9		223.0	296.50	90.8
	203.0	915.12	100.7		223.5	313.48	90.6
	203.5	852.23	100.5		224.0	267.78	90.5
	204.0	885.13	100.3		224.5	282.48	90.4
	204.5	831.03	100.0		225.0	242.08	90.3
	205.0	856.87	99.4		225.5	251.98	90.1
	205.5	804.94	99.1		226.0	211.84	90.0

Printing every 1 samples

Serial # 8938 Outside				Serial # 8938 Outside			
Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psia)	Temp. (deg F)
	226.5	221.33	89.8		247.0	30.17	85.0
	227.0	188.01	89.7		247.5	28.33	84.5
	227.5	191.09	89.5		248.0	26.59	84.2
	228.0	164.44	89.4		248.5	24.26	84.1
	228.5	160.41	89.2		249.0	24.06	84.1
	229.0	137.79	89.1		249.5	23.92	84.2
	229.5	128.26	88.8		250.0	23.85	84.2
	230.0	128.40	88.6		250.5	23.77	84.2
	230.5	130.30	88.5		251.0	22.05	84.2
	231.0	129.44	88.4		251.5	19.24	84.2
	231.5	129.56	88.3		252.0	13.45	84.1
	232.0	92.95	88.1		252.5	12.45	82.9
	232.5	99.27	87.9		253.0	12.57	82.3
	233.0	99.16	87.8		253.5	12.53	82.1
	233.5	61.98	87.7		254.0	12.50	80.1
	234.0	69.34	87.4		254.5	12.98	72.0
	234.5	70.02	87.3		255.0	13.20	69.2
	235.0	69.43	87.2		255.5	12.98	67.1
	235.5	69.35	87.1		256.0	13.00	65.5
	236.0	57.56	87.0		256.5	13.19	63.1
	236.5	41.10	86.7		257.0	13.18	61.3
	237.0	41.24	86.6		257.5	13.32	60.5
	237.5	41.19	86.5		258.0	13.09	60.2
	238.0	40.99	86.4		258.5	13.13	59.9
	238.5	41.29	86.3				
	239.0	40.79	86.2				
	239.5	40.72	86.2				
	240.0	40.71	86.1				
	240.5	40.55	86.1				
	241.0	38.51	86.0				
	241.5	38.72	85.9				
	242.0	38.62	85.9				
	242.5	38.57	85.8				
	243.0	38.51	85.8				
	243.5	38.47	85.7				
	244.0	37.44	85.7				
	244.5	36.22	85.6				
	245.0	36.24	85.6				
	245.5	33.35	85.5				
	246.0	32.49	85.4				
	246.5	30.10	85.4				

Printing every 1 samples

ROCK TYPES

Congl
Dolprim
Lmst fw<7
shale, gry
Carbon Sh
shale, red

ACCESSORIES

FOSSIL
- Bioclastic or Fragmental
- F Fossils < 20%

STRINGER
- Chert
- Limestone
- Siltstone
- Shale
- red shale

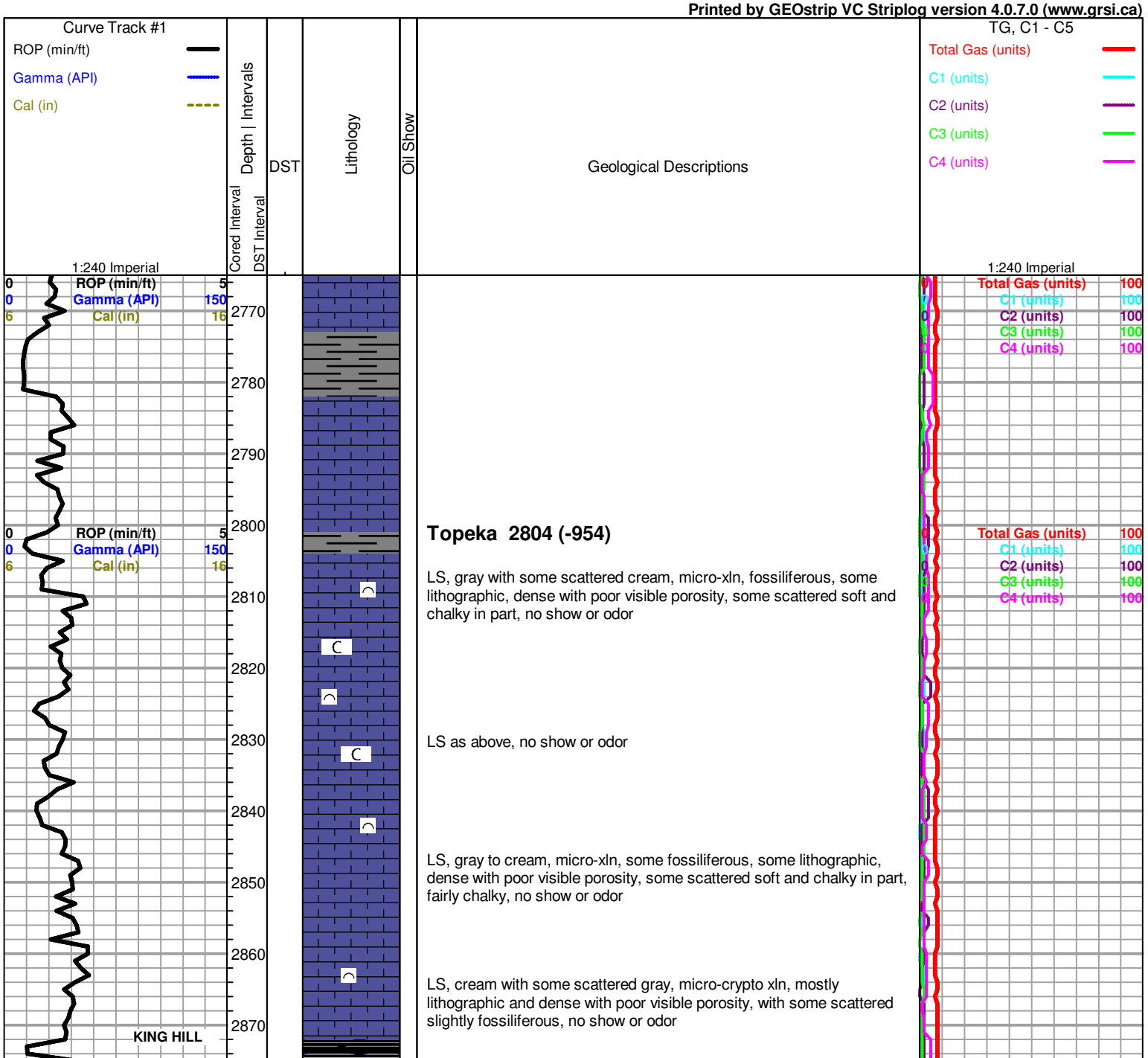
TEXTURE
- C Chalky

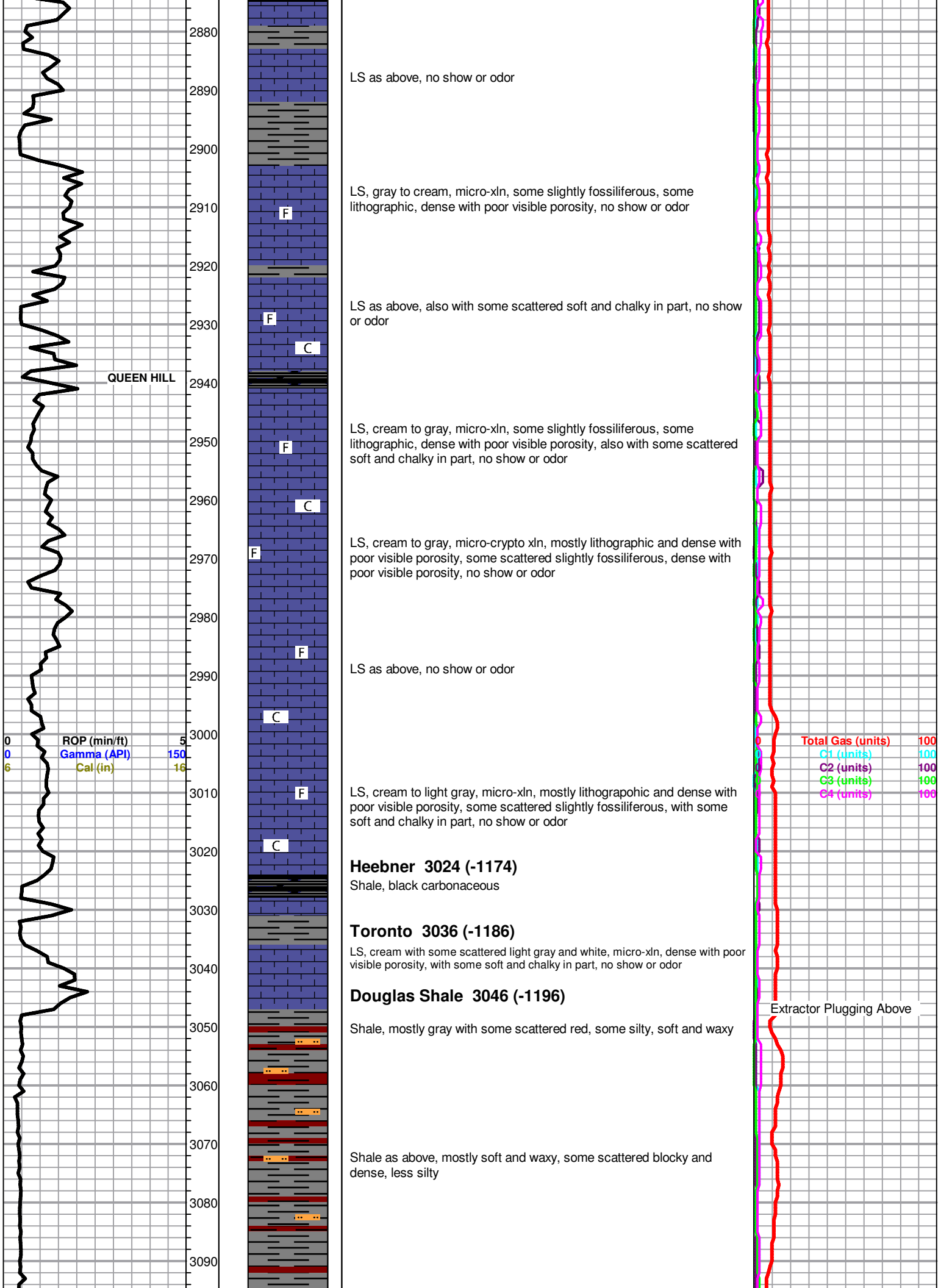
OTHER SYMBOLS

Oil Show
- Good Show
- Fair Show 50-75
- Poor Show 25-50
- Spotted or Trace 1-25
- Questionable Stn
- D Dead Oil Stn
- Fluorescence
- Gas

DST
- DST Int
- DST alt

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)





LS as above, no show or odor

LS, gray to cream, micro-xln, some slightly fossiliferous, some lithographic, dense with poor visible porosity, no show or odor

LS as above, also with some scattered soft and chalky in part, no show or odor

LS, cream to gray, micro-xln, some slightly fossiliferous, some lithographic, dense with poor visible porosity, also with some scattered soft and chalky in part, no show or odor

LS, cream to gray, micro-crypto xln, mostly lithographic and dense with poor visible porosity, some scattered slightly fossiliferous, dense with poor visible porosity, no show or odor

LS as above, no show or odor

LS, cream to light gray, micro-xln, mostly lithograpohic and dense with poor visible porosity, some scattered slightly fossiliferous, with some soft and chalky in part, no show or odor

Heebner 3024 (-1174)

Shale, black carbonaceous

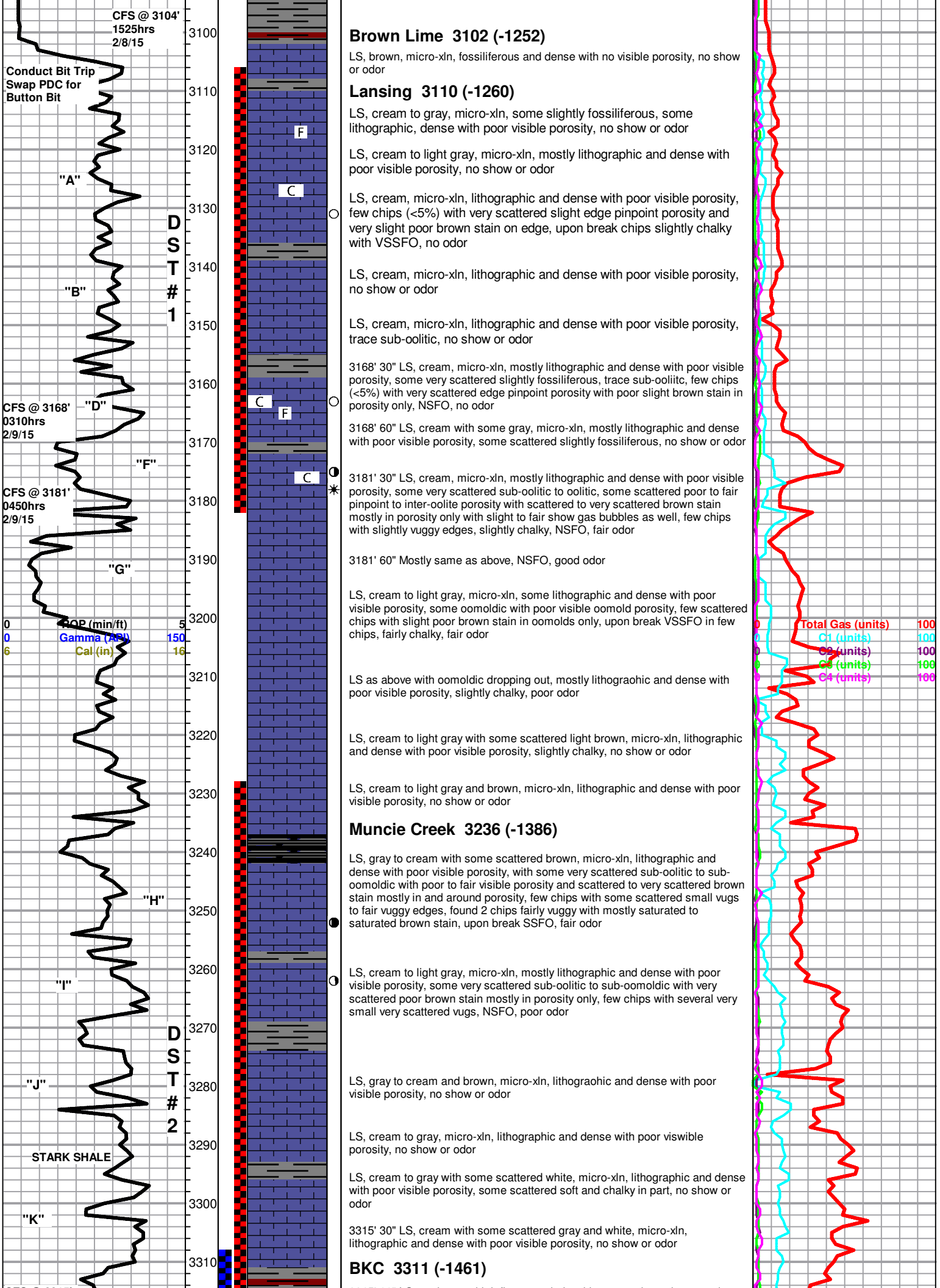
Toronto 3036 (-1186)

LS, cream with some scattered light gray and white, micro-xln, dense with poor visible porosity, with some soft and chalky in part, no show or odor

Douglas Shale 3046 (-1196)

Shale, mostly gray with some scattered red, some silty, soft and waxy

Shale as above, mostly soft and waxy, some scattered blocky and dense, less silty



Brown Lime 3102 (-1252)

LS, brown, micro-xln, fossiliferous and dense with no visible porosity, no show or odor

Lansing 3110 (-1260)

LS, cream to gray, micro-xln, some slightly fossiliferous, some lithographic, dense with poor visible porosity, no show or odor

LS, cream to light gray, micro-xln, mostly lithographic and dense with poor visible porosity, no show or odor

LS, cream, micro-xln, lithographic and dense with poor visible porosity, few chips (<5%) with very scattered slight edge pinpoint porosity and very slight poor brown stain on edge, upon break chips slightly chalky with VSSFO, no odor

LS, cream, micro-xln, lithographic and dense with poor visible porosity, no show or odor

LS, cream, micro-xln, lithographic and dense with poor visible porosity, trace sub-oolitic, no show or odor

3168' 30" LS, cream, micro-xln, mostly lithographic and dense with poor visible porosity, some very scattered slightly fossiliferous, trace sub-ooliitc, few chips (<5%) with very scattered edge pinpoint porosity with poor slight brown stain in porosity only, NSFO, no odor

3168' 60" LS, cream with some gray, micro-xln, mostly lithographic and dense with poor visible porosity, some scattered slightly fossiliferous, no show or odor

3181' 30" LS, cream, micro-xln, mostly lithographic and dense with poor visible porosity, some very scattered sub-oolitic to oolitic, some scattered poor to fair pinpoint to inter-oolite porosity with scattered to very scattered brown stain mostly in porosity only with slight to fair show gas bubbles as well, few chips with slightly vuggy edges, slightly chalky, NSFO, fair odor

3181' 60" Mostly same as above, NSFO, good odor

LS, cream to light gray, micro-xln, some lithographic and dense with poor visible porosity, some oomoldic with poor visible oomold porosity, few scattered chips with slight poor brown stain in oomolds only, upon break VSSFO in few chips, fairly chalky, fair odor

LS as above with oomoldic dropping out, mostly lithograohic and dense with poor visible porosity, slightly chalky, poor odor

LS, cream to light gray with some scattered light brown, micro-xln, lithographic and dense with poor visible porosity, slightly chalky, no show or odor

LS, cream to light gray and brown, micro-xln, lithographic and dense with poor visible porosity, no show or odor

Muncie Creek 3236 (-1386)

LS, gray to cream with some scattered brown, micro-xln, lithographic and dense with poor visible porosity, with some very scattered sub-oolitic to sub-oomoldic with poor to fair visible porosity and scattered to very scattered brown stain mostly in and around porosity, few chips with some scattered small vugs to fair vuggy edges, found 2 chips fairly vuggy with mostly saturated to saturated brown stain, upon break SSFO, fair odor

LS, cream to light gray, micro-xln, mostly lithographic and dense with poor visible porosity, some very scattered sub-oolitic to sub-oomoldic with very scattered poor brown stain mostly in porosity only, few chips with several very small very scattered vugs, NSFO, poor odor

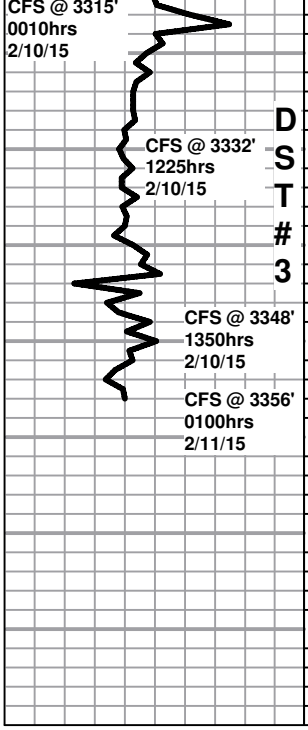
LS, gray to cream and brown, micro-xln, lithograohic and dense with poor visible porosity, no show or odor

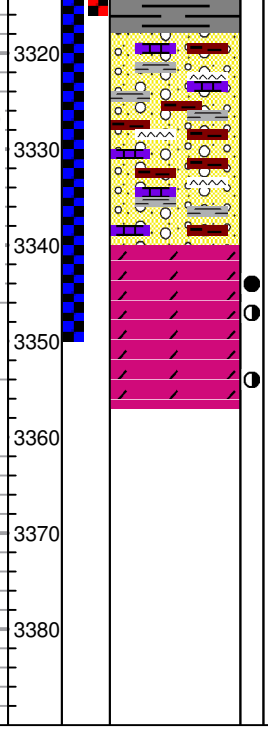
LS, cream to gray, micro-xln, lithographic and dense with poor viswible porosity, no show or odor

LS, cream to gray with some scattered white, micro-xln, lithographic and dense with poor visible porosity, some scattered soft and chalky in part, no show or odor

3315' 30" LS, cream with some scattered gray and white, micro-xln, lithographic and dense with poor visible porosity, no show or odor

BKC 3311 (-1461)





3315' 60" LS as above, with influx gray shale with trace red, no show or odor

Mixed LS, gray and red shales, and tan to white and some red chert, trace oolitic, no show or odor

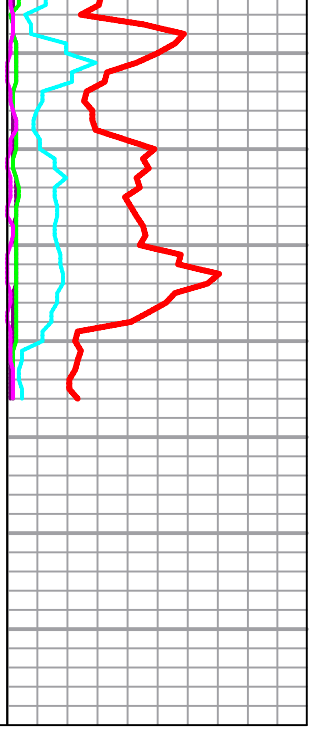
Conglomerate as above, no show or odor

Arbuckle 3340 (-1490)

3348' 30" Cong. as above, with some very scattered dolomite, white to cream, micro-xln, sub-sucrosic and dense with poor visible porosity, few chips sucrosic with fair sub-rhombic to rhombic development and fair visible porosity with scattered to mostly saturated brown to black stain, fairly friable, one chip fairly vuggy with good visible porosity, upon break fair to good show free oil, fair odor

3348' 60" Dolomite, white to cream, micro-xln, mostly sub-sucrosic with poor to fair sub-rhombic development and poor to fair visible porosity with scattered to very scattered brown to black stain, upon break some chips have fair to good show free oil and show fair inter-xln porosity with fair to good inter-xln stain, few chips with fair porosity and mostly saturated stain, fair odor

3356' 60" Dolomite, white, micro-xln, mostly dense with poor visible porosity, some sub-sucrosic with scattered poor to fair sub-rhombic development and poor to fair visible inter-xln porosity, some barren, some with scattered brown to black stain, upon break some chips with fair show free oil (brown to black heavy droplets), fair odor



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041
Home Office P.O. Box 32 Russell, KS 67665

No. 919

Date	Sec.	Twp.	Range	County	State	On Location	Finish
2-6-15	2	18	14	Barton	KS		5:00 PM

Location Boyd 1S 1E 1/4 N Winto

Lease Janice	Well No. 1-2	Owner
Contractor Sterling #4		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job Surface		
Hole Size 12 1/4	T.D. 804'	Charge To Shelby Resources
Csg. 8 5/8	Depth 804'	Street
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. 30.33	Shoe Joint 30.33	Cement Amount Ordered 350 60/40 3% cc 2% Gel 1/4 Flo
Meas Line	Displace 49 1/4 bbl	

EQUIPMENT

	No.	
Pumptrk 5		Cementer / Helper David
Bulktrk 13		Driver / Driver Ryan
Bulktrk PU		Driver / Driver Brett

JOB SERVICES & REMARKS

Remarks:	Common 210	
Rat Hole	Poz. Mix 140	
Mouse Hole	Gel. 7	
Centralizers	Calcium 12	
Baskets	Hulls	
D/V or Port Collar	Salt	
	Flowseal 87#	
	Kol-Seal	
	Mud CLR 48	
	CFL-117 or CD110 CAF 38	
	Sand	
	Handling 369	
	Mileage	
	8 5/8 FLOAT EQUIPMENT	
Cement	Guide Shoe	
	Centralizer	
	Baskets	
Circulated!!	AFU Inserts	
	Float Shoe	
	Latch Down	
	Rubber Plug-1	
	Baffle Plate-1	
	Pumptrk Charge Long Surface	
	Mileage 14	
	Tax	
	Discount	
X Signature [signature]	Total Charge	

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 No. 1128

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
2-11-15	2	18	14	Barton	KS		10:00 PM

Location 281 + 4 Jct, 2S 1E ¼N, W/S

Lease Janice unit Well No. 1-2 Owner

Contractor Sterling 4 To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Type Job Plug

Hole Size 7 7/8" T.D. 3450' Charge To Shelby Ressources

Csg. Depth Street

Tbg. Size 4½" D.P. Depth 3320' City State

Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. Shoe Joint Cement Amount Ordered 235 60/40 4% Gel ¼# Flo seal

Meas Line Displace H20/mud

EQUIPMENT

Pumptrk 16 No. Cementer / Helper Lonnie

Bulktrk 3 No. Driver / Driver Ryan

~~Bulktrk~~ p.u. No. Driver / Driver Rick

JOB SERVICES & REMARKS

Remarks: 3320' - 50 sx

Rat Hole 900' - 80 sx

Mouse Hole 350' - 50 sx

Centralizers 40' - 10 sx ~~set plug~~

Baskets Rathole - 30 sx

D/V or Port Collar Mousehole 15 sx

Cement did Circulate

Common	141
Poz. Mix	94
Gel.	6
Calcium	
Hulls	
Salt	
Flowseal	50#
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	241
Mileage	
FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
~~1 - Drybole plug~~	
Pumptrk Charge	plug
Mileage 14	
Tax	
Discount	
Total Charge	

X Signature Timmy L. Salazar