

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	DONALD #1-5
Doc ID	1617383

Tops

Name	Top	Datum
Heebner	3417	-1508
Lansing	3593	-1684
Stark	3835	-1926
BKC	3871	-1962
Viola	4008	-2099
Simpson Sand	4128	-2219
Arbuckle	4195	-2286
RTD	4210	-2301



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shelby Resources, LLC
 3700 Quebec St. Suite 100 PMB 376
 Denver, CO 80207
 ATTN: Jeremy Schwartz

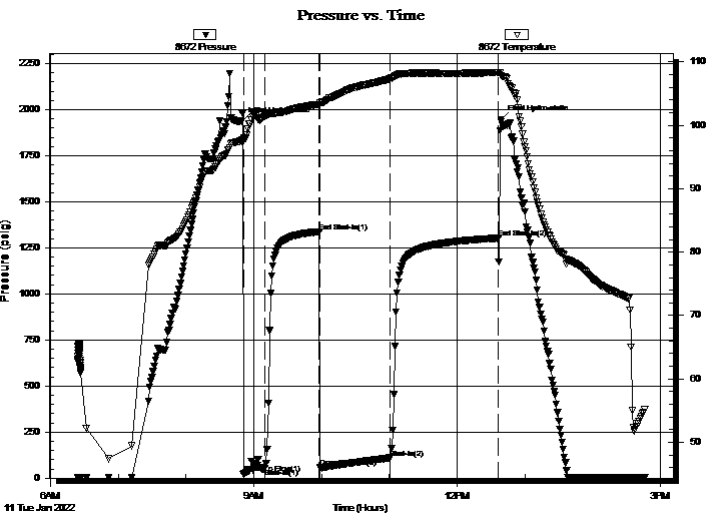
5/25/12
Donald 1-5
 Job Ticket: 67837 **DST#: 1**
 Test Start: 2022.01.11 @ 06:24:00

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: 1909.00 ft (KB)
 Time Tool Opened: 08:51:17
 Time Test Ended: 14:46:02
 Interval: **3930.00 ft (KB) To 3985.00 ft (KB) (TVD)**
 Total Depth: 3985.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Hagman
 Unit No: 69
 Reference Elevations: 1909.00 ft (KB)
 1901.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8672 Inside
 Press@RunDepth: 110.06 psig @ 3933.00 ft (KB) Capacity: psig
 Start Date: 2022.01.11 End Date: 2022.01.11 Last Calib.: 1899.12.30
 Start Time: 06:24:01 End Time: 14:46:02 Time On Btm: 2022.01.11 @ 08:48:47
 Time Off Btm: 2022.01.11 @ 12:38:32

TEST COMMENT: IF: 15 min., fair building blow , 6 inches
 IS: 45 min., no blow back
 FF: 60 min., BOB 30 min., strong building blow , 23 inches
 FS: 90 min., No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1935.50	97.51	Initial Hydro-static
3	25.30	97.98	Open To Flow (1)
21	52.49	101.42	Shut-In(1)
69	1337.28	103.30	End Shut-In(1)
70	57.67	103.22	Open To Flow (2)
132	110.06	107.33	Shut-In(2)
228	1303.06	108.33	End Shut-In(2)
230	1944.22	107.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	oil spotted muddy w ater, 10%M, 90M	2.38
8.00	oil spotted w atery mud, 20%W, 80%M	0.11

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shelby Resources, LLC
 3700 Quebec St. Suite 100 PMB 376
 Denver, CO 80207
 ATTN: Jeremy Schwartz

5/25/12
Donald 1-5
 Job Ticket: 67837 **DST#: 1**
 Test Start: 2022.01.11 @ 06:24:00

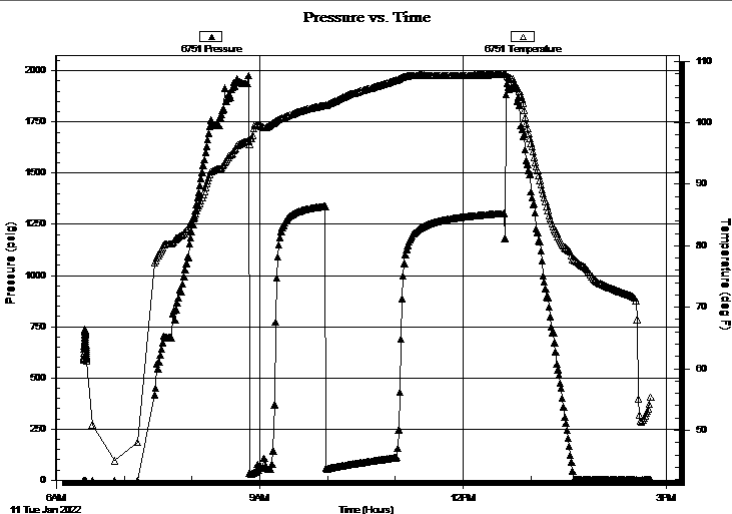
GENERAL INFORMATION:

Formation:	Conglomerate		
Deviated:	No Whipstock:	1909.00 ft (KB)	Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened:	08:51:17		Tester: Chris Hagman
Time Test Ended:	14:46:02		Unit No: 69
Interval:	3930.00 ft (KB) To 3985.00 ft (KB) (TVD)		Reference Elevations: 1909.00 ft (KB)
Total Depth:	3985.00 ft (KB) (TVD)		1901.00 ft (CF)
Hole Diameter:	7.80 inchesHole Condition: Good		KB to GR/CF: 8.00 ft

Serial #: 6751

Press@RunDepth:	psig @	ft (KB)	Capacity:	psig
Start Date:	2022.01.11	End Date:	2022.01.11	Last Calib.: 1899.12.30
Start Time:	06:24:01	End Time:	14:46:02	Time On Btm:
				Time Off Btm:

TEST COMMENT: IF: 15 min., fair building blow , 6 inches
 IS: 45 min., no blow back
 FF: 60 min., BOB 30 min., strong building blow , 23 inches
 FS: 90 min., No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
189.00	oil spotted muddy w ater, 10%M, 90M	2.38
8.00	oil spotted w ater y mud, 20%W, 80%M	0.11

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources, LLC

5/25/12

3700 Quebec St. Suite 100 PMB 376
Denver, CO 80207

Donald 1-5

Job Ticket: 67837

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2022.01.11 @ 06:24:00

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:

26000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
189.00	oil spotted muddy w ater, 10%M, 90M	2.378
8.00	oil spotted w atery mud, 20%W, 80%M	0.112

Total Length: 197.00 ft Total Volume: 2.490 bbl

Num Fluid Samples: 0

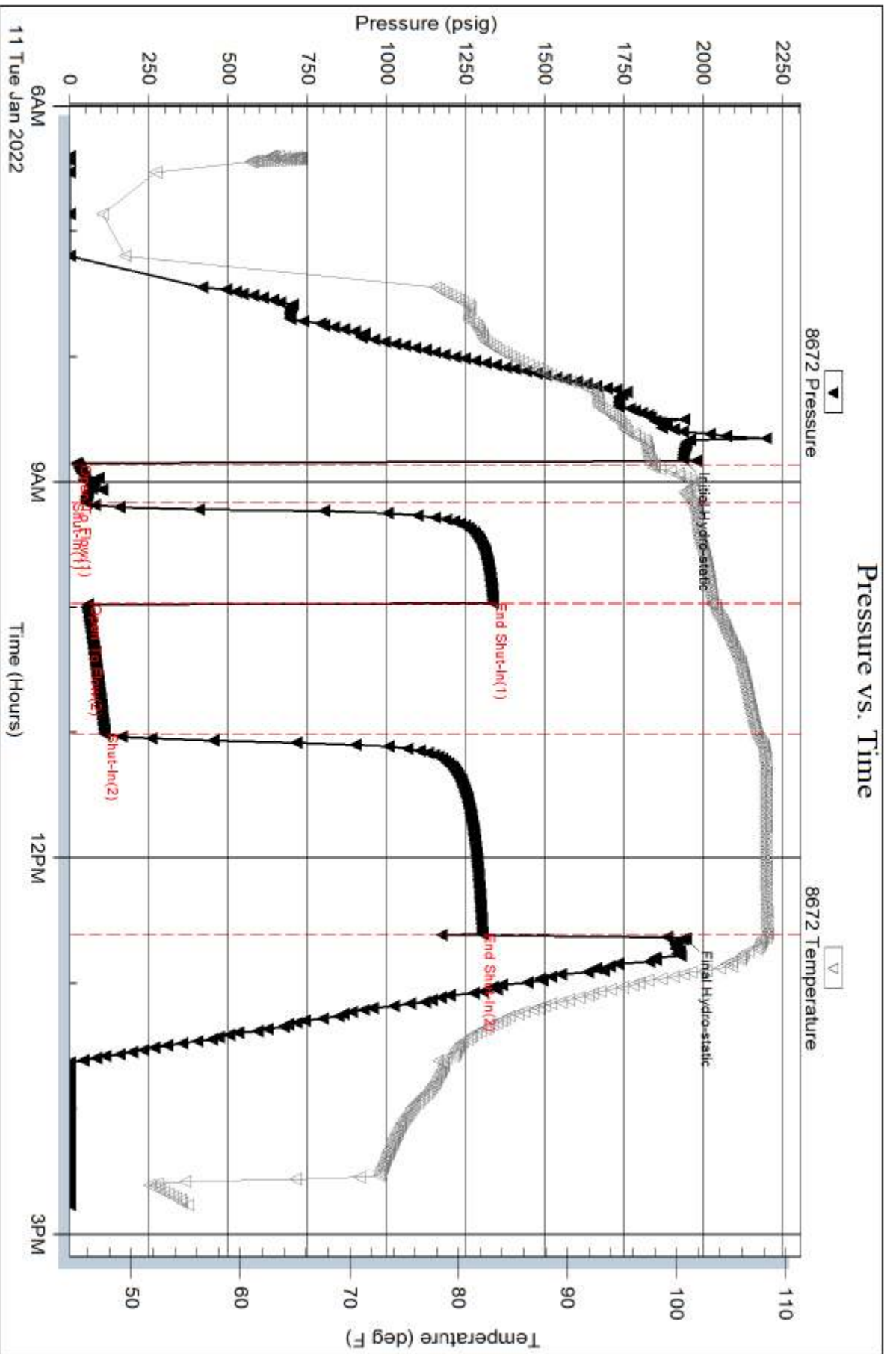
Num Gas Bombs: 0

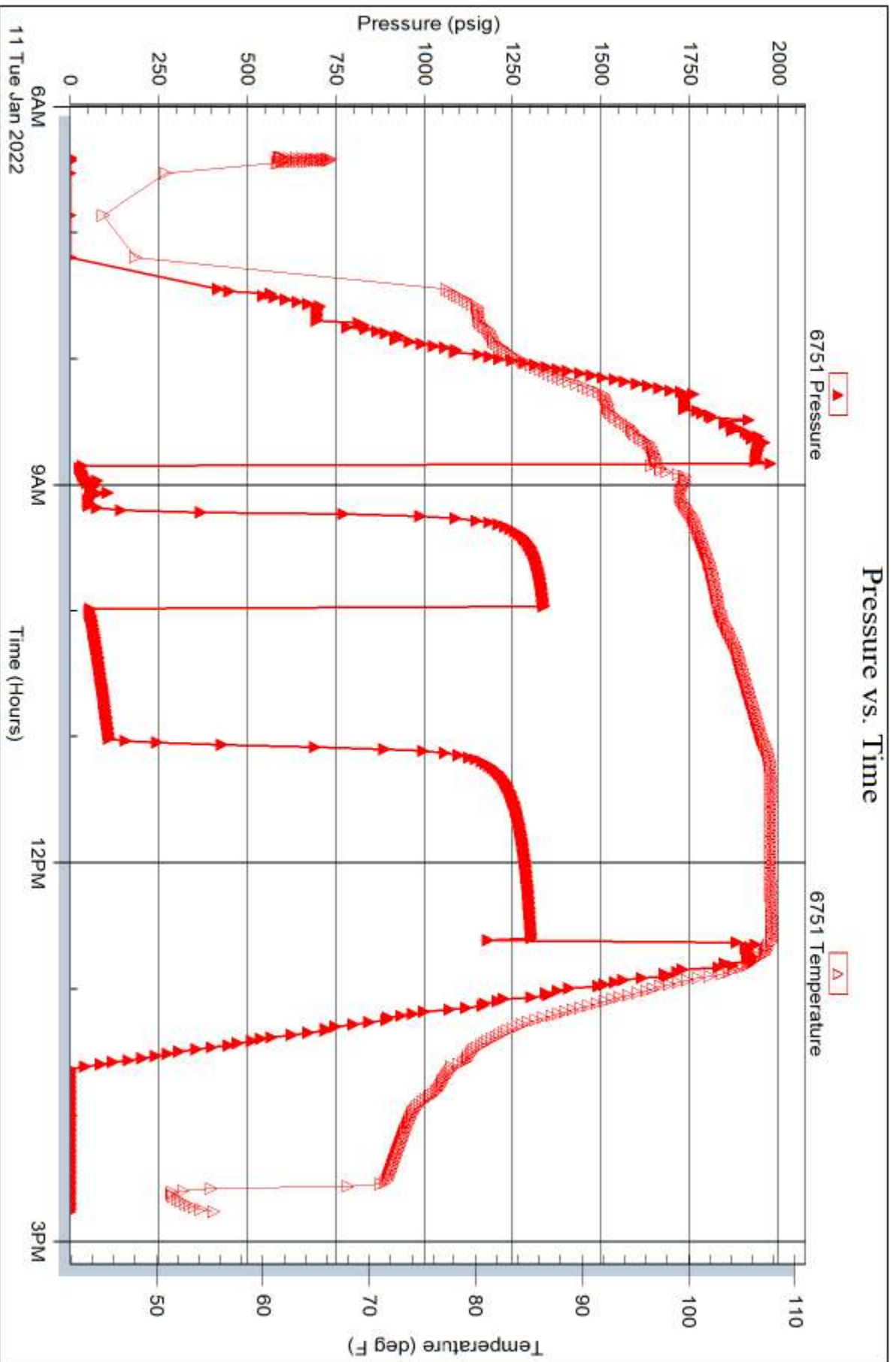
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.290@63F=26,000ppm







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shelby Resources, LLC
 3700 Quebec St. Suite 100 PMB 376
 Denver, CO 80207
 ATTN: Jeremy Schwartz

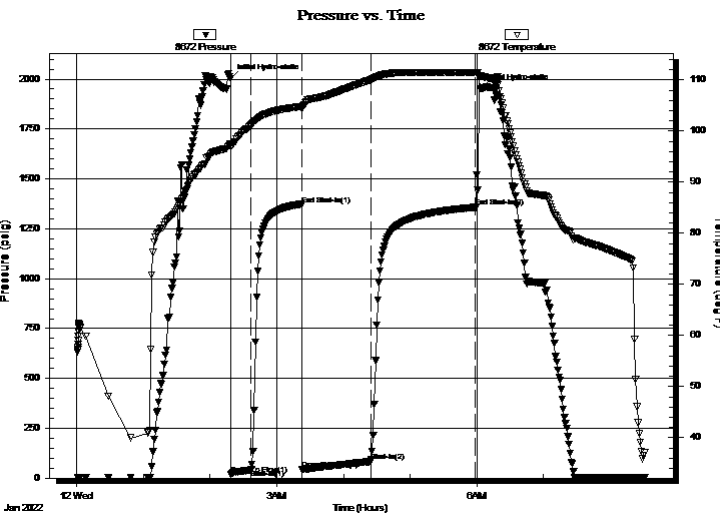
5/25/12
Donald 1-5
 Job Ticket: 67838 **DST#: 2**
 Test Start: 2022.01.12 @ 00:01:00

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: 1909.00 ft (KB)
 Time Tool Opened: 02:19:02
 Time Test Ended: 08:31:02
 Interval: **4013.00 ft (KB) To 4035.00 ft (KB) (TVD)**
 Total Depth: 4035.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Hagman
 Unit No: 69
 Reference Elevations: 1909.00 ft (KB)
 1901.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8672 Inside
 Press@RunDepth: 83.44 psig @ 4015.00 ft (KB) Capacity: psig
 Start Date: 2022.01.12 End Date: 2022.01.12 Last Calib.: 1899.12.30
 Start Time: 00:01:01 End Time: 08:31:02 Time On Btm: 2022.01.12 @ 02:18:47
 Time Off Btm: 2022.01.12 @ 06:04:02

TEST COMMENT: IF: 15 min., fair building blow, 4.8 inches
 IS: 45 min., no blow back
 FF: 60 min., strong building blow, 10 inches
 FS: 90 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2003.51	97.53	Initial Hydro-static
1	19.85	96.92	Open To Flow (1)
19	45.91	101.23	Shut-In(1)
64	1368.20	104.83	End Shut-In(1)
64	45.57	104.34	Open To Flow (2)
126	83.44	110.04	Shut-In(2)
220	1357.43	111.47	End Shut-In(2)
226	1953.36	110.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	oil spotted muddy w ater 5%M,95%W	1.49

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources, LLC

5/25/12

3700 Quebec St. Suite 100 PMB 376
Denver, CO 80207

Donald 1-5

Job Ticket: 67838

DST#: 2

ATTN: Jeremy Schwartz

Test Start: 2022.01.12 @ 00:01:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

27000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	oil spotted muddy water 5%M,95%W	1.494

Total Length: 126.00 ft Total Volume: 1.494 bbl

Num Fluid Samples: 0

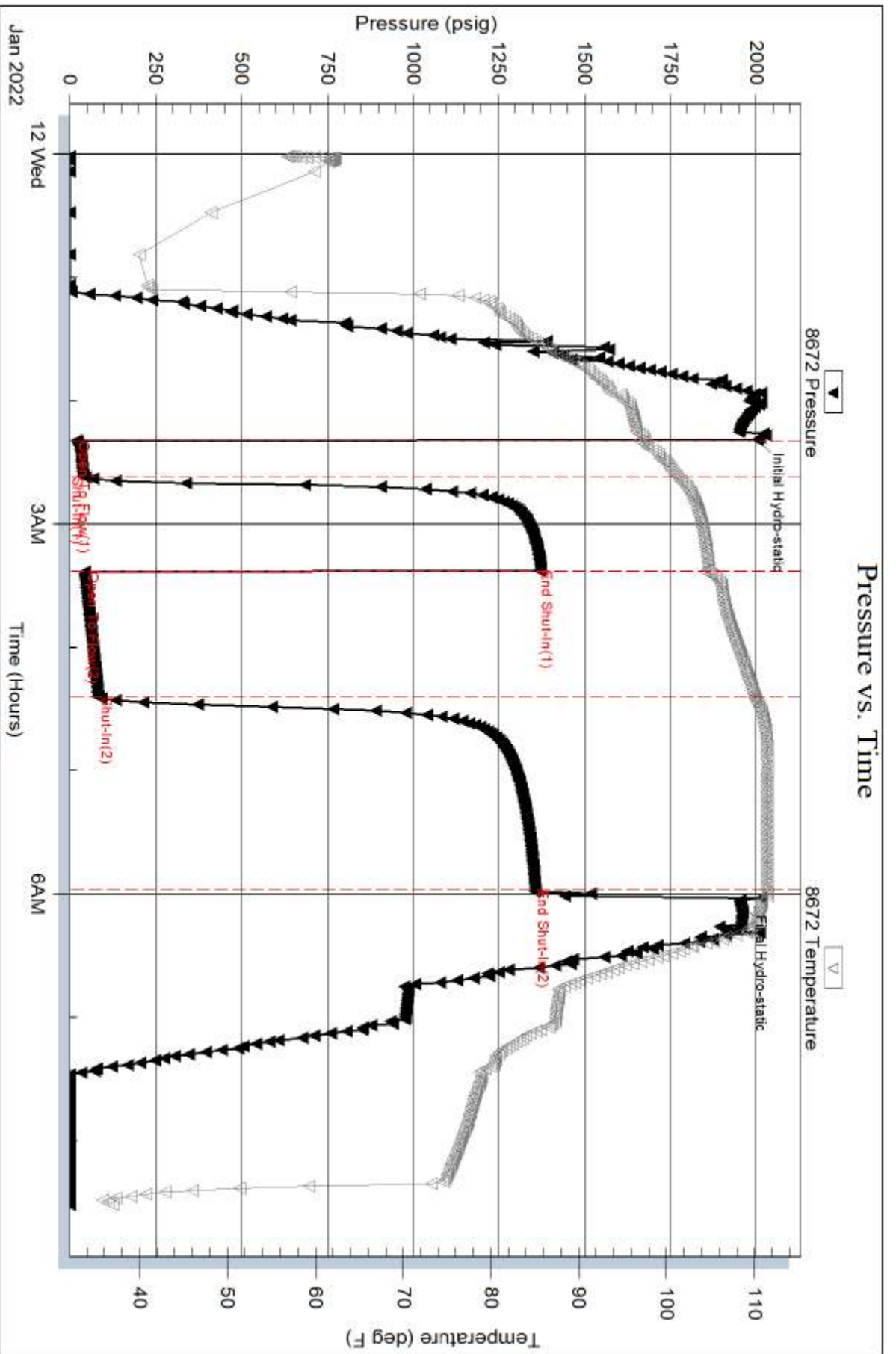
Num Gas Bombs: 0

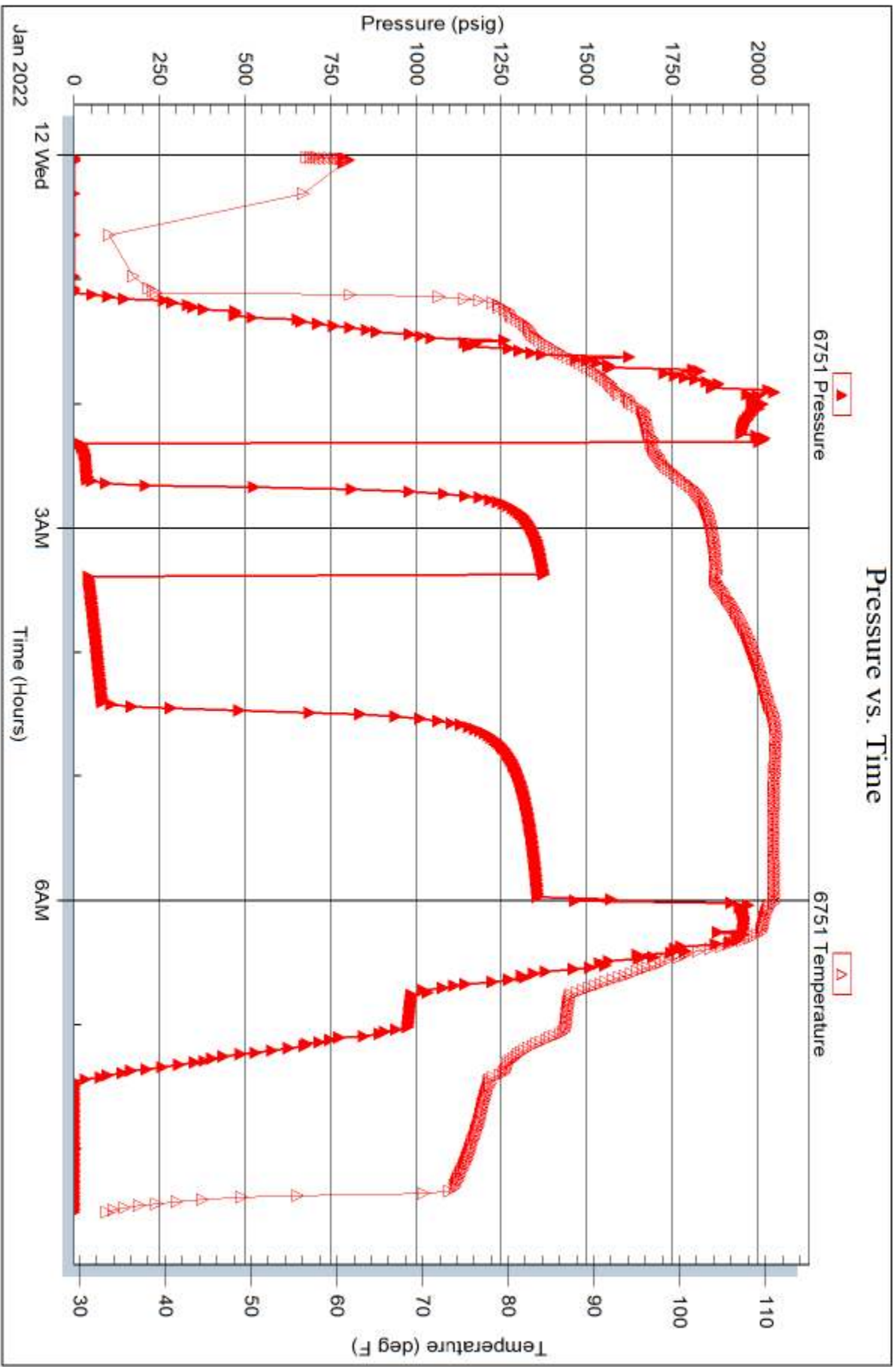
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.315@55F=27000ppm







**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shelby Resources, LLC

5/25/12

3700 Quebec St. Suite 100 PMB 376
Denver, CO 80207

Donald 1-5

Job Ticket: 67839

DST#: 3

ATTN: Jeremy Schwartz

Test Start: 2022.01.13 @ 21:37:00

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: 1909.00 ft (KB)

Time Tool Opened: 00:19:47

Time Test Ended: 04:01:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **4117.00 ft (KB) To 4140.00 ft (KB) (TVD)**

Reference Elevations: 1909.00 ft (KB)

Total Depth: 4140.00 ft (KB) (TVD)

1901.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8672 Inside

Press@RunDepth: 23.03 psig @ 4119.00 ft (KB)

Capacity: psig

Start Date: 2022.01.13

End Date:

2022.01.14

Last Calib.: 1899.12.30

Start Time: 21:37:01

End Time:

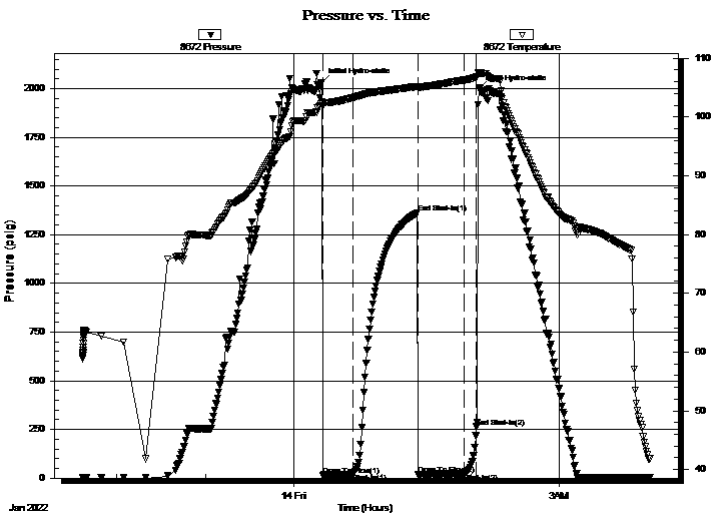
04:01:02

Time On Btm: 2022.01.14 @ 00:19:17

Time Off Btm: 2022.01.14 @ 02:05:47

TEST COMMENT: IF: 15 min., weak surface blow, .9 inches
IS: 45 min., no blow back
FF: 30 min., weak surface blow, died 2 min.
FS: 15 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2029.65	102.66	Initial Hydro-static
1	15.68	101.80	Open To Flow (1)
21	23.89	103.29	Shut-In(1)
65	1361.76	105.17	End Shut-In(1)
66	19.60	104.90	Open To Flow (2)
96	23.03	106.28	Shut-In(2)
105	263.74	106.79	End Shut-In(2)
107	1996.91	107.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil spotted mud, 100% Mud	0.05

Gas Rates

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



DRILL STEM TEST REPORT

Shelby Resources, LLC
 3700 Quebec St. Suite 100 PMB 376
 Denver, CO 80207
 ATTN: Jeremy Schwartz

5/25/12
Donald 1-5
 Job Ticket: 67839 **DST#: 3**
 Test Start: 2022.01.13 @ 21:37:00

GENERAL INFORMATION:

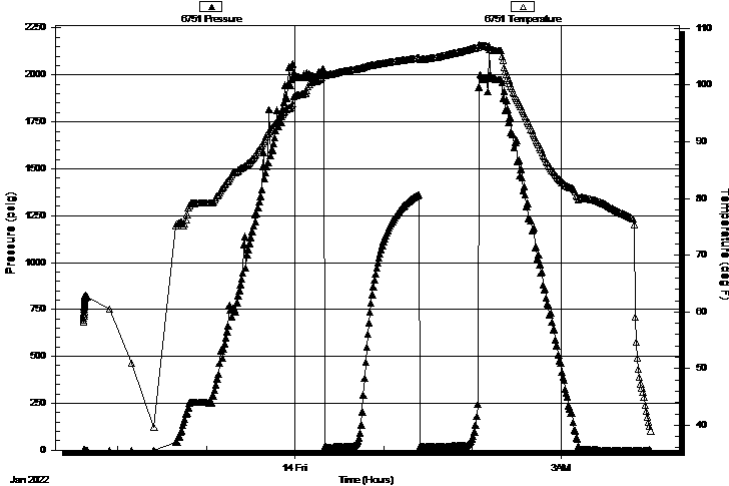
Formation: **Simpson**
 Deviated: No Whipstock: 1909.00 ft (KB)
 Time Tool Opened: 00:19:47
 Time Test Ended: 04:01:02
 Interval: **4117.00 ft (KB) To 4140.00 ft (KB) (TVD)**
 Total Depth: 4140.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Hagman
 Unit No: 69
 Reference Elevations: 1909.00 ft (KB)
 1901.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6751

Press@RunDepth:	psig @	ft (KB)	Capacity:	psig
Start Date:	2022.01.13	End Date:	2022.01.14	Last Calib.: 1899.12.30
Start Time:	21:37:01	End Time:	04:01:02	Time On Btm:
				Time Off Btm:

TEST COMMENT: IF: 15 min., weak surface blow, .9 inches
 IS: 45 min., no blow back
 FF: 30 min., weak surface blow, died 2 min.
 FS: 15 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil spotted mud, 100% Mud	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources, LLC

5/25/12

3700 Quebec St. Suite 100 PMB 376
Denver, CO 80207

Donald 1-5

Job Ticket: 67839

DST#: 3

ATTN: Jeremy Schwartz

Test Start: 2022.01.13 @ 21:37:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Oil spotted mud, 100% Mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

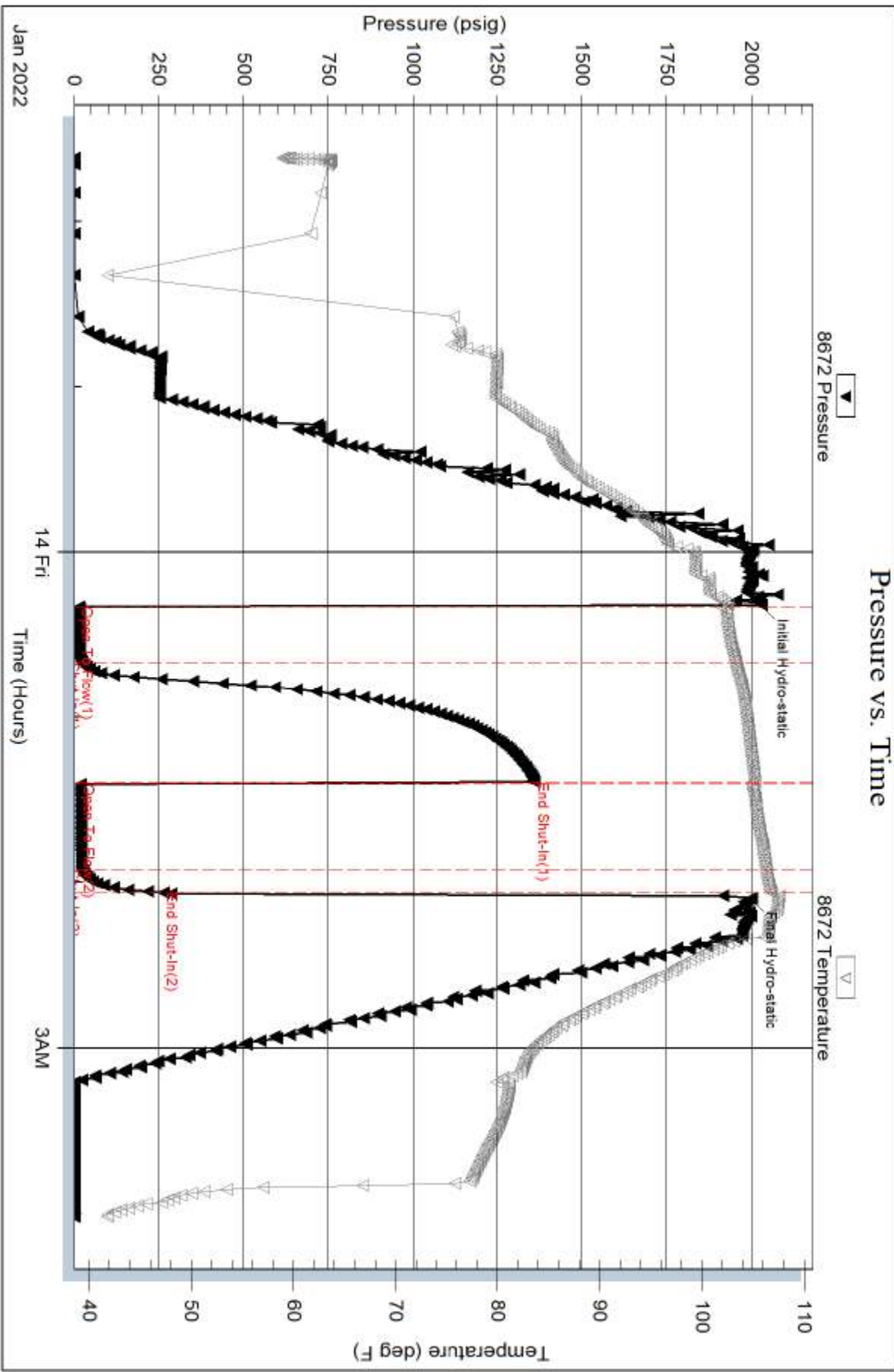
Num Gas Bombs: 0

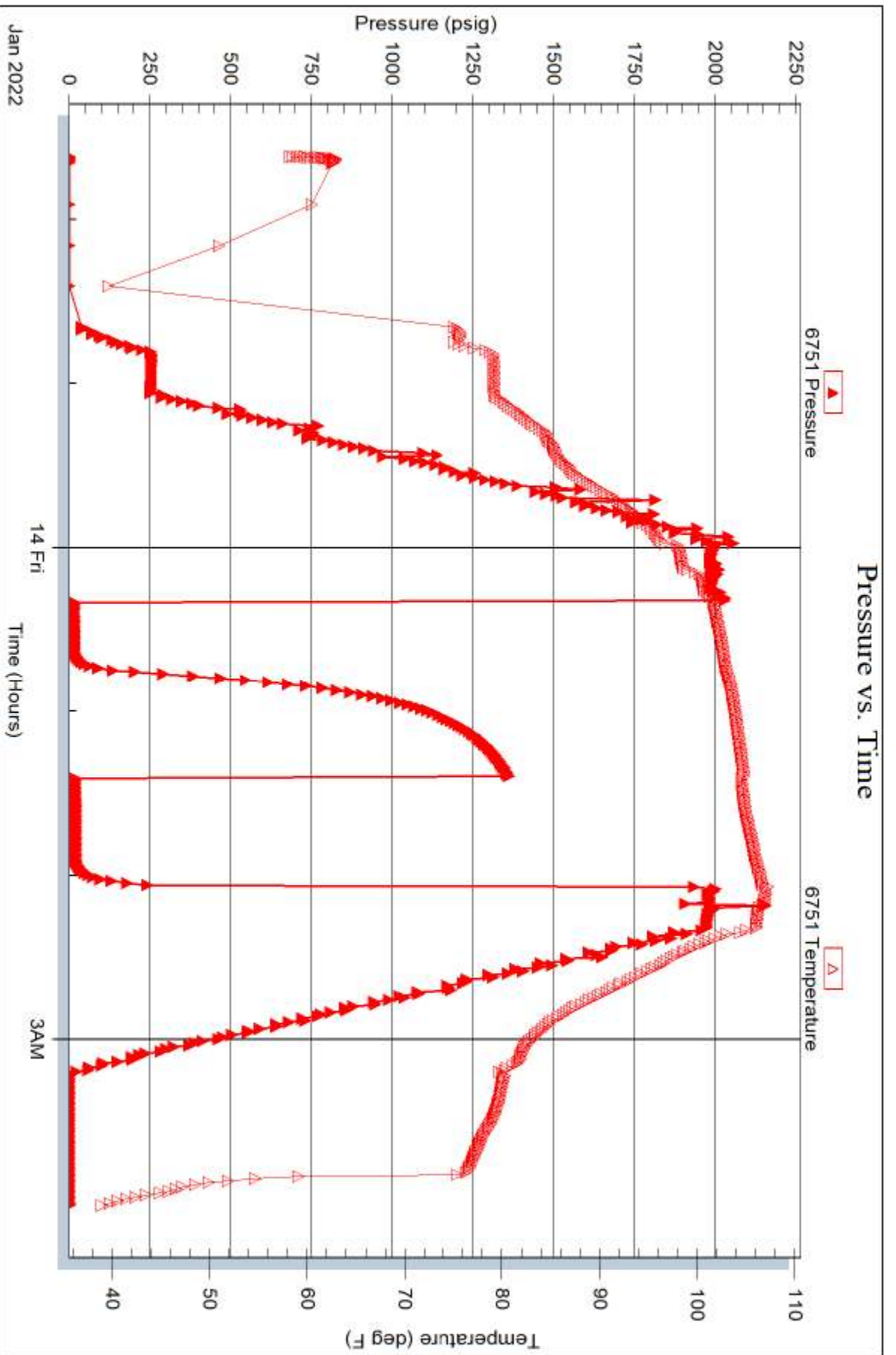
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

Home Office P.O. Box 32 Russell, KS 67665

No. 2638

Cell 785-324-1041

Date	12-21-21	Sec.	5	Twp.	23	Range	12	County	Stafford	State	Ks	On Location		Finish	11:30 AM
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Lease **Donald** Location **281 + 50 Jct - 45 to 40th Street**

Well No. **1-5** Owner **4E to 40th Ave, 1/4 N, E15**

Contractor **Discovery #2** 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** Charge To **Shelby Resources**

Hole Size **12 1/4"** T.D. **741'**

Csg. **8 5/8"** Depth **740'** 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. **40'** Shoe Joint **40'** Cement Amount Ordered **480 60/40 40% CC 2% Gel**

Meas Line Displace **45 BLS** **1/2# Flo-seal**

EQUIPMENT

Pumptrk **16** No. **16** Cementer **David** Common **270**

Bulktrk **19** No. **19** Driver **Jordan** Poz. Mix **180**

Bulktrk **7 p.u.** No. **7** Driver **Rick** Gel. **8**

Calcium **20**

JOB SERVICES & REMARKS

Remarks: **Cement did Circulate** Halls

Rat Hole Salt

Mouse Hole Flowseal **225 #**

Centralizers Kol-Seal

Baskets Mud CLR 48

D/V or Port Collar CFL-117 or CD110 CAF 38

Handling **508**

Mileage

FLOAT EQUIPMENT

Guide Shoe **Rubber plug**

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Thanks

Pumptrk Charge **22** *Long Surface*
Mileage **22**

Signature _____ Tax _____

Discount _____ Total Charge _____

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0496

LOCATION Victoria

FOREMAN Tam Williams

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-13-22	31725	Danah 1-5	5	25	12	Settler

CUSTOMER <u>Shelby Resources LLC</u>		
MAILING ADDRESS <u>3700 Gresham Street</u>		
CITY <u>Denver</u>	STATE <u>CO</u>	ZIP CODE <u>80207</u>

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>191</u>	<u>Tam W</u>		
	<u>Jack T</u>		

JOB TYPE <u>Raising Plug</u>	HOLE SIZE _____	HOLE DEPTH _____	CASING SIZE & WEIGHT _____
CASING DEPTH _____	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT <u>11.5</u>	SLURRY VOL <u>2.45</u>	WATER gal/sk _____	CEMENT LEFT in CASING _____
DISPLACEMENT _____	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____

REMARKS: Safety meeting + rig up on Discovery. Plug well as ordered

<u>1</u>	<u>50 sack</u>	<u>475'</u>
<u>2</u>	<u>50 sack</u>	<u>770'</u>
<u>3</u>	<u>20 sack</u>	<u>60'</u>
<u>RH</u>	<u>30 sacks</u>	
<u>MH</u>	<u>20 sacks</u>	
<u>Thanks Tam + Jack</u>		
<u>170 sacks</u>		

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PL001	1	PUMP CHARGE <u>Raising Plug</u>	\$950 ⁰⁰	\$950 ⁰⁰
MO01	94	MILEAGE	\$6 ⁵⁰	\$611 ⁰⁰
MO02	3157 tons	Ton mileage delivery	\$1135 ⁵⁰	\$1135 ⁵⁰
CB010	170 sacks	60/40 4% oil 1/4" Fib	\$16 ⁷⁵	\$2847 ⁵⁰
			sub total	\$5544 ⁰⁰
			less 20% disc.	\$1108 ⁸⁰
			sub total	\$4435 ²⁰
			SALES TAX	216.41
			ESTIMATED TOTAL	\$4651.61

AUTHORIZATION _____ TITLE _____ DATE _____

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.



Scale 1:240 Imperial

Well Name: Donald #1-5
 Surface Location: 1675' FSL_1094' FWL, Sec. 5-T25s-R12w
 Bottom Location:
 API: 15-185-24098-00-00
 License Number: 31725
 Spud Date: 12/20/2020 Time: 11:30 AM
 Region: Stafford Time: 12:10 PM
 Drilling Completed: 1/13/2022
 Surface Coordinates:
 Bottom Hole Coordinates:
 Ground Elevation: 1901.00ft
 K.B. Elevation: 1909.00ft
 Logged Interval: 3250.00ft To: 4210.00ft
 Total Depth: 4410.00ft
 Formation: Viola
 Drilling Fluid Type: Chemical/Fresh Water Gel

OPERATOR

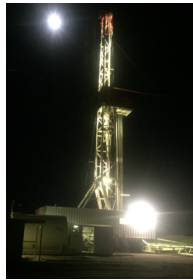
Company: Shelby Resources, LLC
 Address: 3700 Quebec St. Unit 100 PMB 376
 Denver, CO 80207

Contact Geologist: Jeff Zoller / Jeremy Schwartz
 Contact Phone Nbr: 620-786-0807 / 203-671-6034

Well Name: Donald #1-5
 Location: 1675' FSL_1094' FWL, Sec. 5-T25s-R12w
 API: 15-185-24098-00-00

Pool: Kansas Field: Union Center West
 State: Kansas Country: USA

LOGGED BY



Company: Mile High Exploration, LLC
 Address: 14645 Sterling Road
 Colorado Springs, CO 80921

Phone Nbr: 203-671-6034
 Logged By: Geologist Name: Jeremy Schwartz

NOTES

The Shelby Resources, LLC Donald #1-5 was drilled to a total depth of 4210', bottoming in the Arbuckle. An iBall Instruments Bloodhound gas detector was employed in the drilling of said well.

Three DST's were conducted during the drilling of this well.

Due to negative drill stem tests it was determined by all parties involved to plug and abandon the well. The dry samples were saved and will be available for further review at the Kansas Geological Society Well Sample Library, located in Wichita, KS.

Respectfully Submitted,
Jeremy Schwartz
Geologist

CONTRACTOR

Contractor: Discovery Drilling
Rig #: 2
Rig Type: mud rotary
Spud Date: 12/20/2020
TD Date: 1/13/2022
Rig Release:

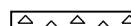







Time: 11:30 AM
Time: 12:10 PM
Time:

ELEVATIONS

K.B. Elevation: 1909.00ft
K.B. to Ground: 8.00ft
Ground Elevation: 1901.00ft

OIL - P&A									
LD Drilling									
Stanley #1 OWWO									
Donald #1-5					SE-NW-SW Sec. 5-25S-12W				
KB		1909			KB		1906		
LOG TOPS		SAMPLE TOPS			COMP. CARD		LOG		SMPL.
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	
ANHYDRITE			741	1168	732	1174			- 6
HEEBNER SHALE			3417	-1508	3416	-1510			+ 2
DOUGLAS			3460	-1551	3458	-1552			+ 1
BROWN LIME			3566	-1657	3567	-1661			+ 4
LANSING			3593	-1684	3593	-1687			+ 3
STARK			3835	-1926	3835	-1929			+ 3
HUSHPUCKNEY			3854	-1945	3856	-1950			+ 5
BKC			3871	-1962	3873	-1967			+ 5
CONGLOMERATE SAND			3976	-2067	3976	-2070			+ 3
KINDERHOOK			3982	-2073	3984	-2078			+ 5
VIOLA			4008	-2099	4010	-2104			+ 5
SIMPSON SAND			4128	-2219	4128	-2222			+ 3
ARBUCKLE			4195	-2286	4195	-2289			+ 3
RTD			4210	-2301	4217	-2311			+ 10
LTD					4216	-2310			

ROCK TYPES




 Cht
 Chtcongl
 Dolprim
 Lmst fw<7
 shale, grn
 shale, gry
 Carbon Sh
 shale, red
 Ss

ACCESSORIES

MINERAL

P Pyrite

FOSSIL

 Bioclastic or Fragmental
 Fossils < 20%
 Oomoldic

STRINGER

 Limestone
 Sandstone
 Siltstone
 Shale
 red shale

TEXTURE

C Chalky

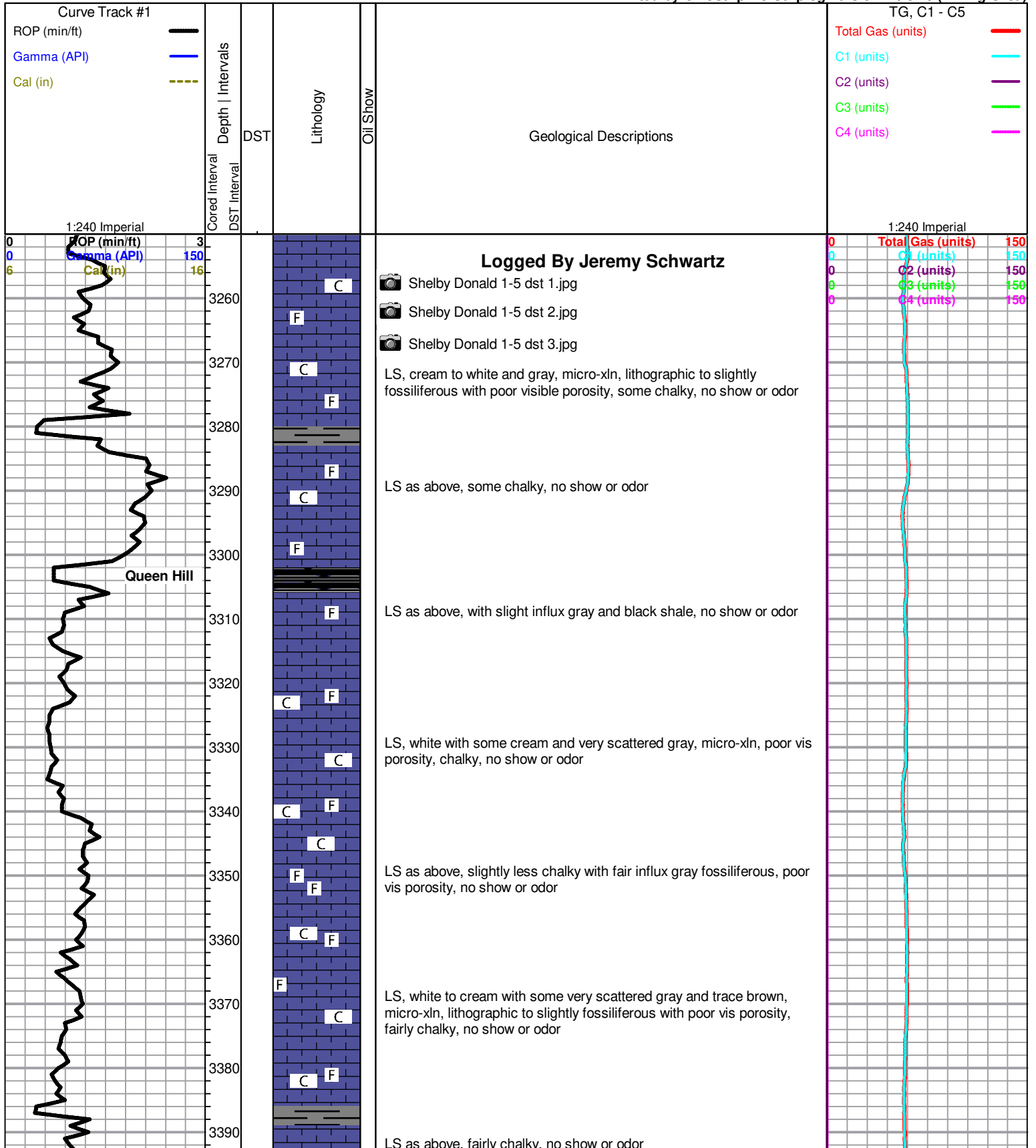
OTHER SYMBOLS

MISC

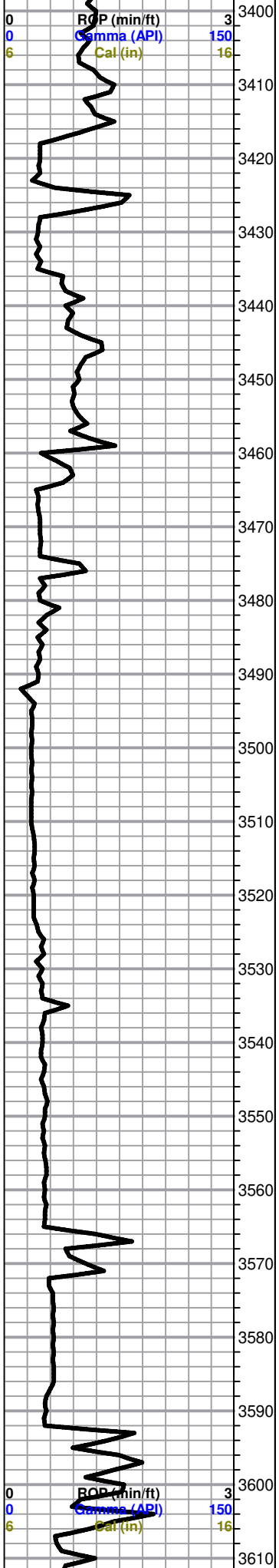
 Daily Report

DST

 DST Int
 DST alt



LS as above, fairly chalky, no show or odor



0 ROP (min/ft) 3
 0 Gamma (API) 150
 6 Cal (in) 16

0 ROP (min/ft) 3
 0 Gamma (API) 150
 6 Cal (in) 16



Heebner 3417 (-1508)

Shale, black carbonaceous with some gray

LS, white to cream with very scattered gray, mostly chalky, no show or odor

Douglas 3460 (-1551)

Influx gray shale with trace red, mostly soft and waxy, some silty, no show or odor

Shale as above, soft and waxy with some silty/sandy, with some very scattered SS, white to light gray, f-grained, sub-angular to angular and poorly sorted, some pyritic, with scattered shale inclusions, no shows or odor

Shale with very scattered SS as above, no show or odor

Brown Lime 3566 (-1657)

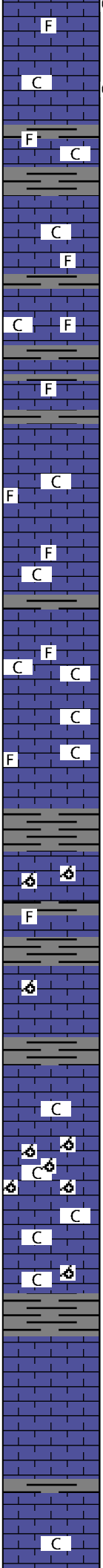
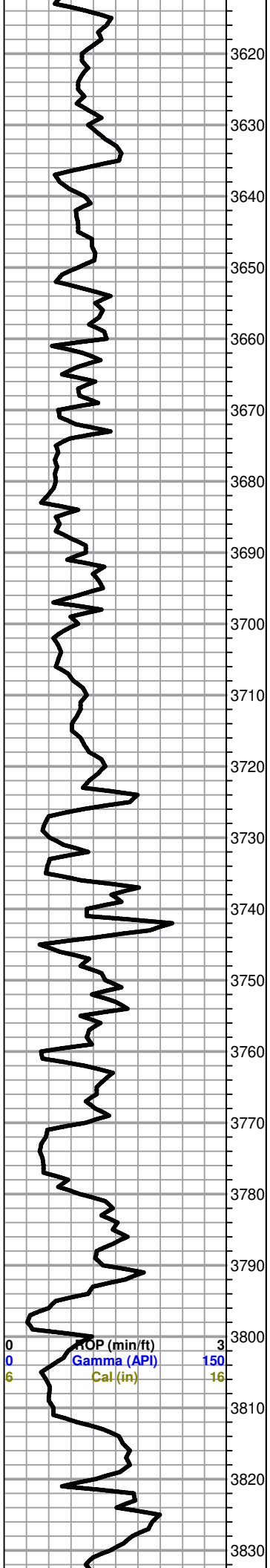
Shale as above, with some very scattered brown to cream LS, fossiliferous and dense with no vis porosity, no show or odor

Lansing 3593 (-1684)

Influx LS, cream to gray, micro-xln, lithographic to slightly fossiliferous and dense with poor vis porosity, trace few chips with very scattered poor stain and poor vis porosity, dense, upon break chips show poor inter-xln porosity with very scattered stain and slight show gas bubbles, VSSFO, poor odor

0	Total Gas (units)	150
0	C1 (units)	150
0	C2 (units)	150
0	C3 (units)	150
0	C4 (units)	150

0	Total Gas (units)	150
0	C1 (units)	150
0	C2 (units)	150
0	C3 (units)	150
0	C4 (units)	150



LS, mostly white to cream with some scattered gray, lithographic to slightly fossiliferous, some chalky, few very scattered chips with poor stain as above, overall chips with show dense with poor vis porosity, NSFO in tray, fair odor

LS, cream to white with some gray, micro-xln, lithographic to fossiliferous with poor vis porosity, some chalky, no shows, poor fleeting odor

LS, mostly cream to light gray, micro-xln, lithographic to fossiliferous with poor vis porosity, trace few chips cream with scattered fair vuggy porosity, barren, upon break NSFO or gas, no fluor.

LS, cream to gray, micro-xln, fossiliferous to lithographic with poor vis porosity, some scattered chalky in part, no show or odor

LS, cream, micro-xln, lithographic to slightly fossiliferous with poor vis porosity, fairly chalky, no show or odor

LS as above, with slight influx cream oomoldic, some fair oomold porosity, barren, no show, odor, or fluor.

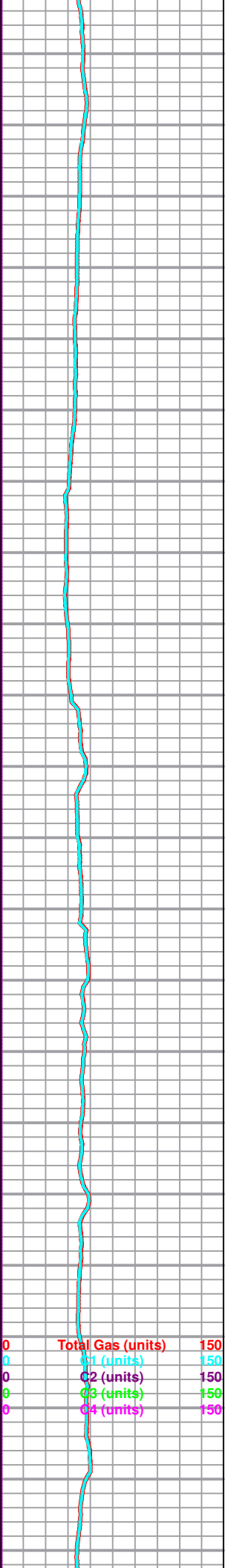
LS, mostly cream with some scattered gray, micro-xln, lithographic to slightly fossiliferous with poor vis porosity, trace oomoldic as above, no show or odor

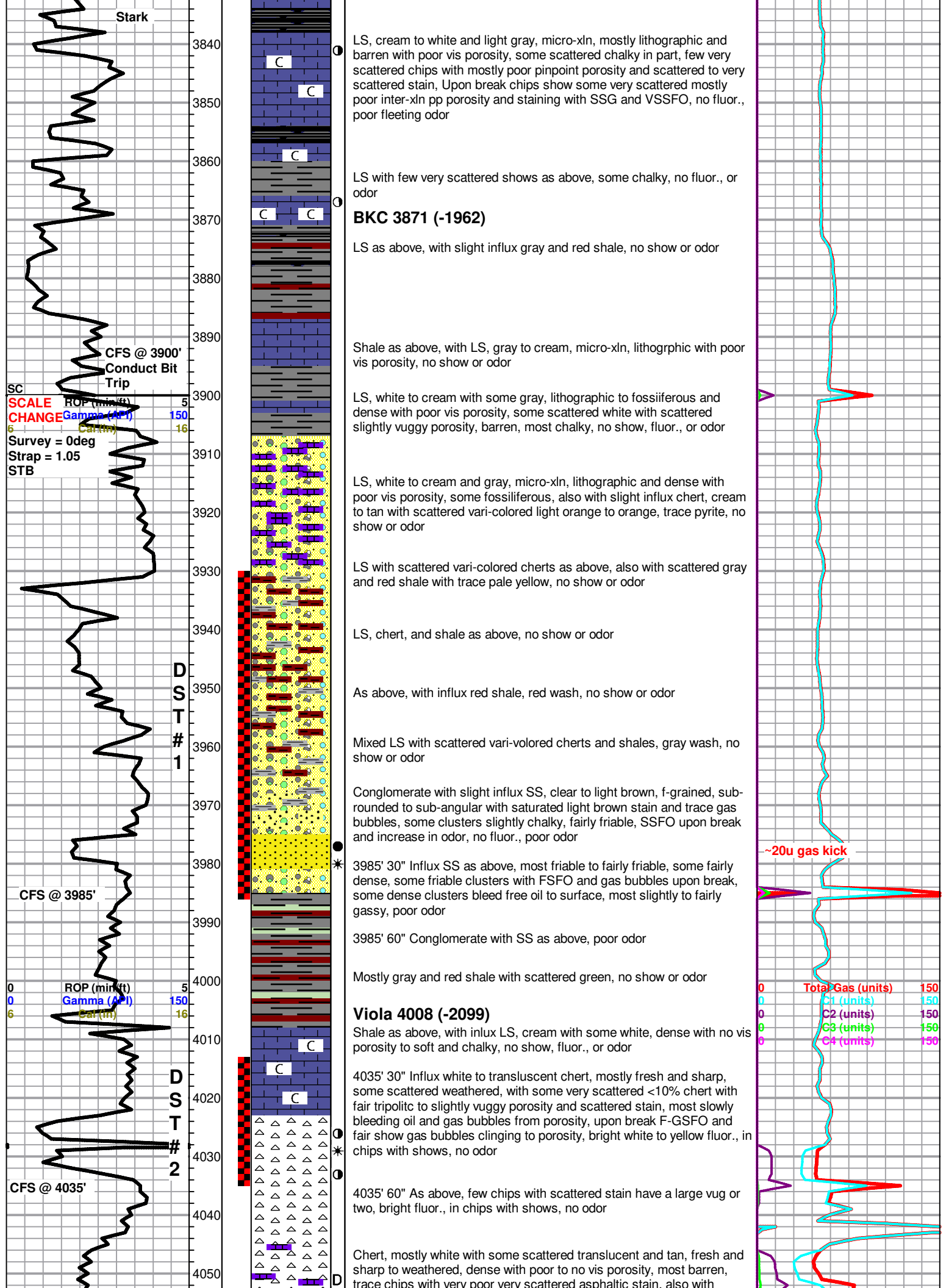
LS, mostly white to cream, micro-xln, lithographic with poor vis porosity, fairly chalky, with some scattered cream oomoldic, poor to fair oomold porosity, barren, no show or odor

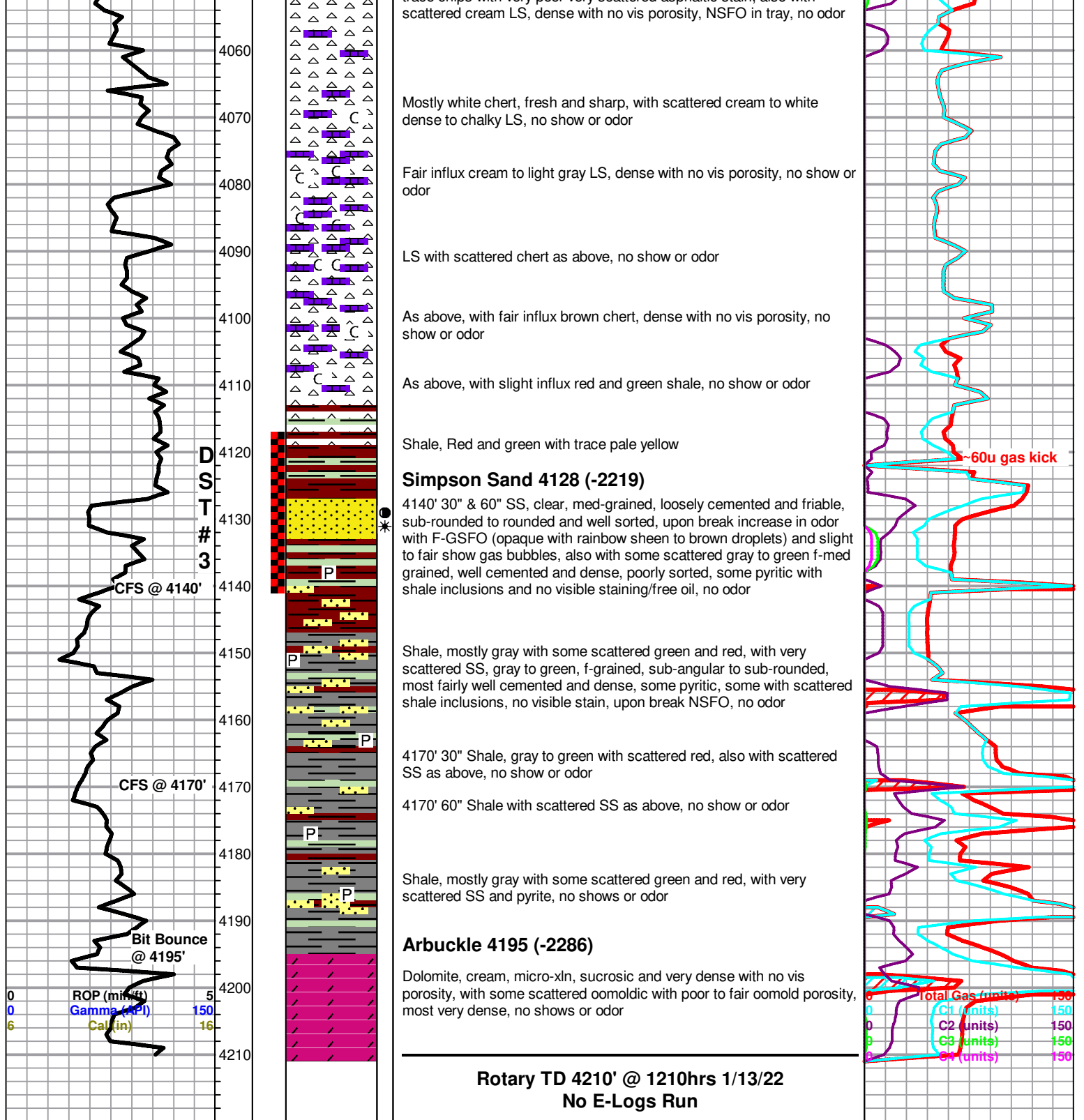
LS as above, no show or odor

LS, cream with some scattered white and gray, micro-xln, mostly lithographic with poor vis porosity, no show or odor

As above, no show or odor







DRILL STEM TEST REPORT



**TRILOBITE
TESTING, INC.**

Shelby Resources, LLC
 3700 Quebec St. Suite 100 PMB 376
 Denver, CO 80207
 ATTN: Jeremy Schwartz

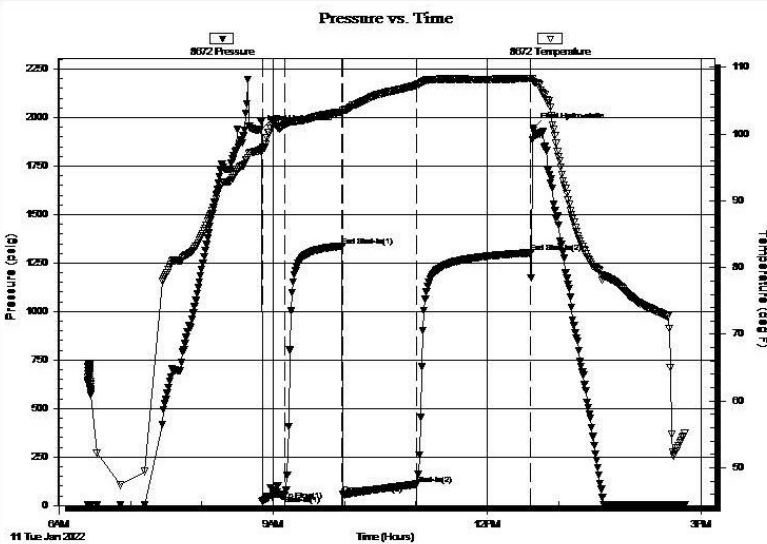
5/25/12
Donald 1-5
 Job Ticket: 67837 **DST#: 1**
 Test Start: 2022.01.11 @ 06:24:00

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: 1909.00 ft (KB)
 Time Tool Opened: 08:51:17
 Time Test Ended: 14:46:02
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Hagman
 Unit No: 69
 Interval: **3930.00 ft (KB) To 3985.00 ft (KB) (TVD)**
 Reference Elevations: 1909.00 ft (KB)
 Total Depth: 3985.00 ft (KB) (TVD) 1901.00 ft (CF)
 Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8672 Inside
 Press@RunDepth: 110.06 psig @ 3933.00 ft (KB) Capacity: psig
 Start Date: 2022.01.11 End Date: 2022.01.11 Last Calib.: 1899.12.30
 Start Time: 06:24:01 End Time: 14:46:02 Time On Btm: 2022.01.11 @ 08:48:47
 Time Off Btm: 2022.01.11 @ 12:38:32

TEST COMMENT: IF: 15 min., fair building blow , 6 inches
 IS: 45 min., no blow back
 FF: 60 min., BOB 30 min., strong building blow , 23 inches
 FSI: 90 min., No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1935.50	97.51	Initial Hydro-static
3	25.30	97.98	Open To Flow (1)
21	52.49	101.42	Shut-In(1)
69	1337.28	103.30	End Shut-In(1)
70	57.67	103.22	Open To Flow (2)
132	110.06	107.33	Shut-In(2)
228	1303.06	108.33	End Shut-In(2)
230	1944.22	107.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	oil spotted muddy w ater, 10%M, 90M	2.38
8.00	oil spotted w atery mud, 20%W, 80%M	0.11

Gas Rates

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

DRILL STEM TEST REPORT



TRILOBITE TESTING, INC.

Shelby Resources, LLC

5/25/12

3700 Quebec St. Suite 100 PMB 376
Denver, CO 80207

Donald 1-5

Job Ticket: 67838

DST#: 2

ATTN: Jeremy Schwartz

Test Start: 2022.01.12 @ 00:01:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: 1909.00 ft (KB)

Time Tool Opened: 02:19:02

Time Test Ended: 08:31:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **4013.00 ft (KB) To 4035.00 ft (KB) (TVD)**

Reference Elevations: 1909.00 ft (KB)

Total Depth: 4035.00 ft (KB) (TVD)

1901.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8672

Inside

Press@RunDepth: 83.44 psig @ 4015.00 ft (KB)

Capacity: psig

Start Date: 2022.01.12

End Date:

2022.01.12

Last Calib.: 1899.12.30

Start Time: 00:01:01

End Time:

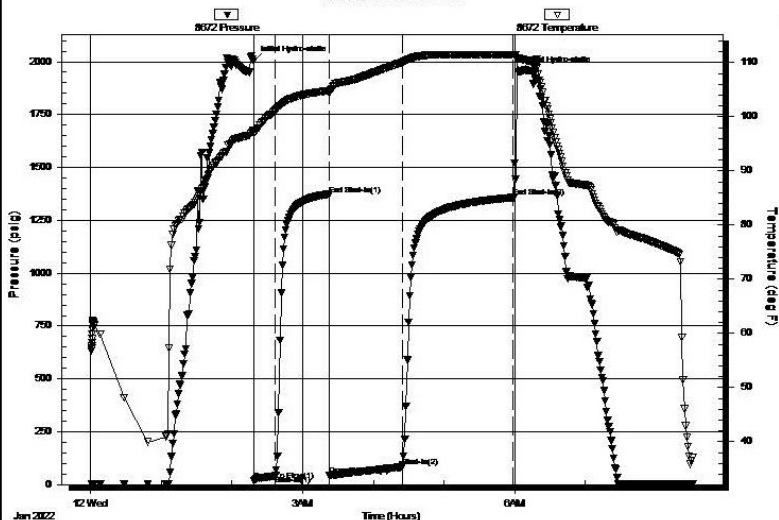
08:31:02

Time On Btm: 2022.01.12 @ 02:18:47

Time Off Btm: 2022.01.12 @ 06:04:02

TEST COMMENT: IF: 15 min., fair building blow, 4.8 inches
ISI: 45 min., no blow back
FF: 60 min., strong building blow, 10 inches
FSI: 90 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2003.51	97.53	Initial Hydro-static
1	19.85	96.92	Open To Flow (1)
19	45.91	101.23	Shut-In(1)
64	1368.20	104.83	End Shut-In(1)
64	45.57	104.34	Open To Flow (2)
126	83.44	110.04	Shut-In(2)
220	1357.43	111.47	End Shut-In(2)
226	1953.36	110.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	oil spotted muddy w ater 5%M,95%W	1.49

Gas Rates

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

DRILL STEM TEST REPORT



**TRILOBITE
TESTING, INC.**

Shelby Resources, LLC

5/25/12

3700 Quebec St. Suite 100 PMB 376
Denver, CO 80207

Donald 1-5

Job Ticket: 67839

DST#: 3

ATTN: Jeremy Schwartz

Test Start: 2022.01.13 @ 21:37:00

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: 1909.00 ft (KB)

Time Tool Opened: 00:19:47

Time Test Ended: 04:01:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **4117.00 ft (KB) To 4140.00 ft (KB) (TVD)**

Reference Elevations: 1909.00 ft (KB)

Total Depth: 4140.00 ft (KB) (TVD)

1901.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8672 Inside

Press@RunDepth: 23.03 psig @ 4119.00 ft (KB)

Capacity: psig

Start Date: 2022.01.13

End Date: 2022.01.14

Last Calib.: 1899.12.30

Start Time: 21:37:01

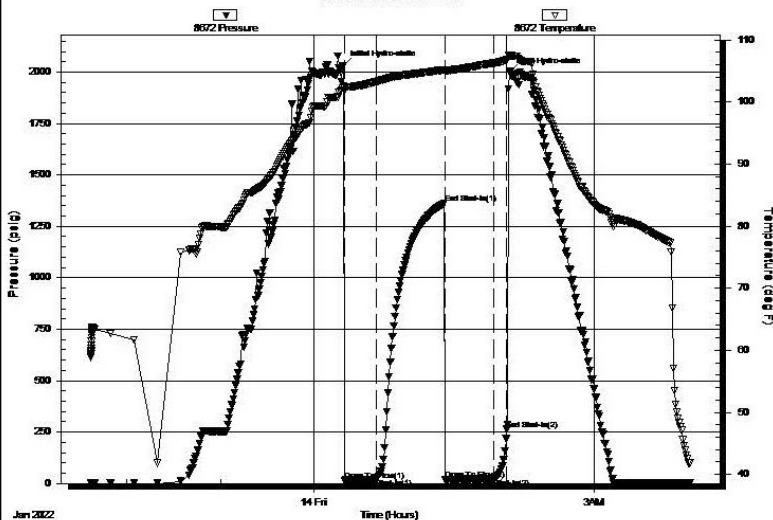
End Time: 04:01:02

Time On Btm: 2022.01.14 @ 00:19:17

Time Off Btm: 2022.01.14 @ 02:05:47

TEST COMMENT: IF: 15 min., weak surface blow, .9 inches
IS: 45 min., no blow back
FF: 30 min., weak surface blow, died 2 min.
FSI: 15 min., no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2029.65	102.66	Initial Hydro-static
1	15.68	101.80	Open To Flow (1)
21	23.89	103.29	Shut-In(1)
65	1361.76	105.17	End Shut-In(1)
66	19.60	104.90	Open To Flow (2)
96	23.03	106.28	Shut-In(2)
105	263.74	106.79	End Shut-In(2)
107	1996.91	107.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil spotted mud, 100% Mud	0.05

Gas Rates

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