

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
--	---

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)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Darrah Oil Company, LLC
Well Name	GAUNT 35 A 1
Doc ID	1646929

All Electric Logs Run

Dual Induction
Comp Porosity
Microlog
Sonic Log



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Darrah Oil Co., LLC

35/20/14W

125 N Market Suite 1425
Wichita, KS 67202

Gaunt 35A-1

Job Ticket: 67877

DST#: 1

ATTN: Saman Sharifaie

Test Start: 2022.02.13 @ 18:45:00

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: 1905.00 ft (KB)

Time Tool Opened: 21:09:32

Time Test Ended: 02:33:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3286.00 ft (KB) To 3350.00 ft (KB) (TVD)

Reference Elevations: 1905.00 ft (KB)

Total Depth: 3350.00 ft (KB) (TVD)

1894.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8672

Inside

Press@RunDepth: 45.14 psig @ 3288.00 ft (KB)

Capacity: psig

Start Date: 2022.02.13

End Date:

2022.02.14

Last Calib.:

1899.12.30

Start Time: 18:45:01

End Time:

02:33:02

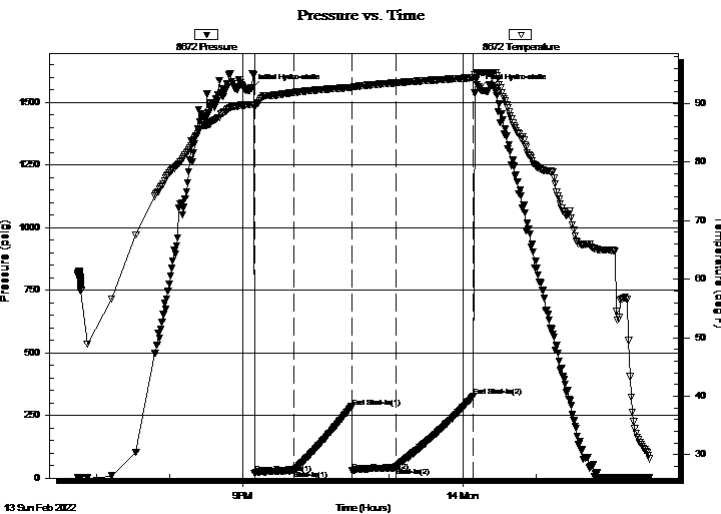
Time On Btm:

2022.02.13 @ 21:07:02

Time Off Btm:

2022.02.14 @ 00:13:32

TEST COMMENT: IF: 30 min., fair building blow , 9.5 inches
IS: 45 min., no blow back
FF: 30 min., BOB 20 min., strong building blow , 14.25 inches
FS: 60 min., no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1556.78	89.84	Initial Hydro-static
3	20.37	89.33	Open To Flow (1)
35	29.88	91.89	Shut-In(1)
82	284.07	92.74	End Shut-In(1)
83	29.31	92.76	Open To Flow (2)
118	45.14	93.53	Shut-In(2)
182	327.12	94.45	End Shut-In(2)
187	1556.40	95.27	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
60.00	oil cut mud 10%O, 90%M	0.30

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Darrah Oil Co., LLC
125 N Market Suite 1425
Wichita, KS 67202
ATTN: Saman Sharifaie

35/20/14W
Gaunt 35A-1
Job Ticket: 67877 **DST#: 1**
Test Start: 2022.02.13 @ 18:45:00

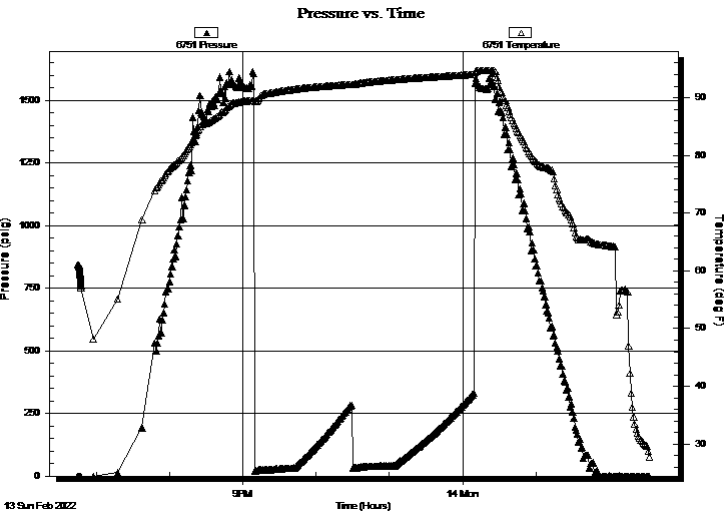
GENERAL INFORMATION:

Formation: **Lansing**
Deviated: No Whipstock: 1905.00 ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 21:09:32 Tester: Chris Hagman
Time Test Ended: 02:33:02 Unit No: 69
Interval: 3286.00 ft (KB) To 3350.00 ft (KB) (TVD) Reference Elevations: 1905.00 ft (KB)
Total Depth: 3350.00 ft (KB) (TVD) 1894.00 ft (CF)
Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 6751

Press@RunDepth: psig @ ft (KB) Capacity: psig
Start Date: 2022.02.13 End Date: 2022.02.14 Last Calib.: 1899.12.30
Start Time: 18:45:01 End Time: 02:33:02 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 30 min., fair building blow , 9.5 inches
IS: 45 min., no blow back
FF: 30 min., BOB 20 min., strong building blow , 14.25 inches
FS: 60 min., no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	oil cut mud 10%O, 90%M	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah Oil Co., LLC

35/20/14W

125 N Market Suite 1425
Wichita, KS 67202

Gaunt 35A-1

Job Ticket: 67877

DST#: 1

ATTN: Saman Sharifaie

Test Start: 2022.02.13 @ 18:45:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	oil cut mud 10%O, 90%M	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

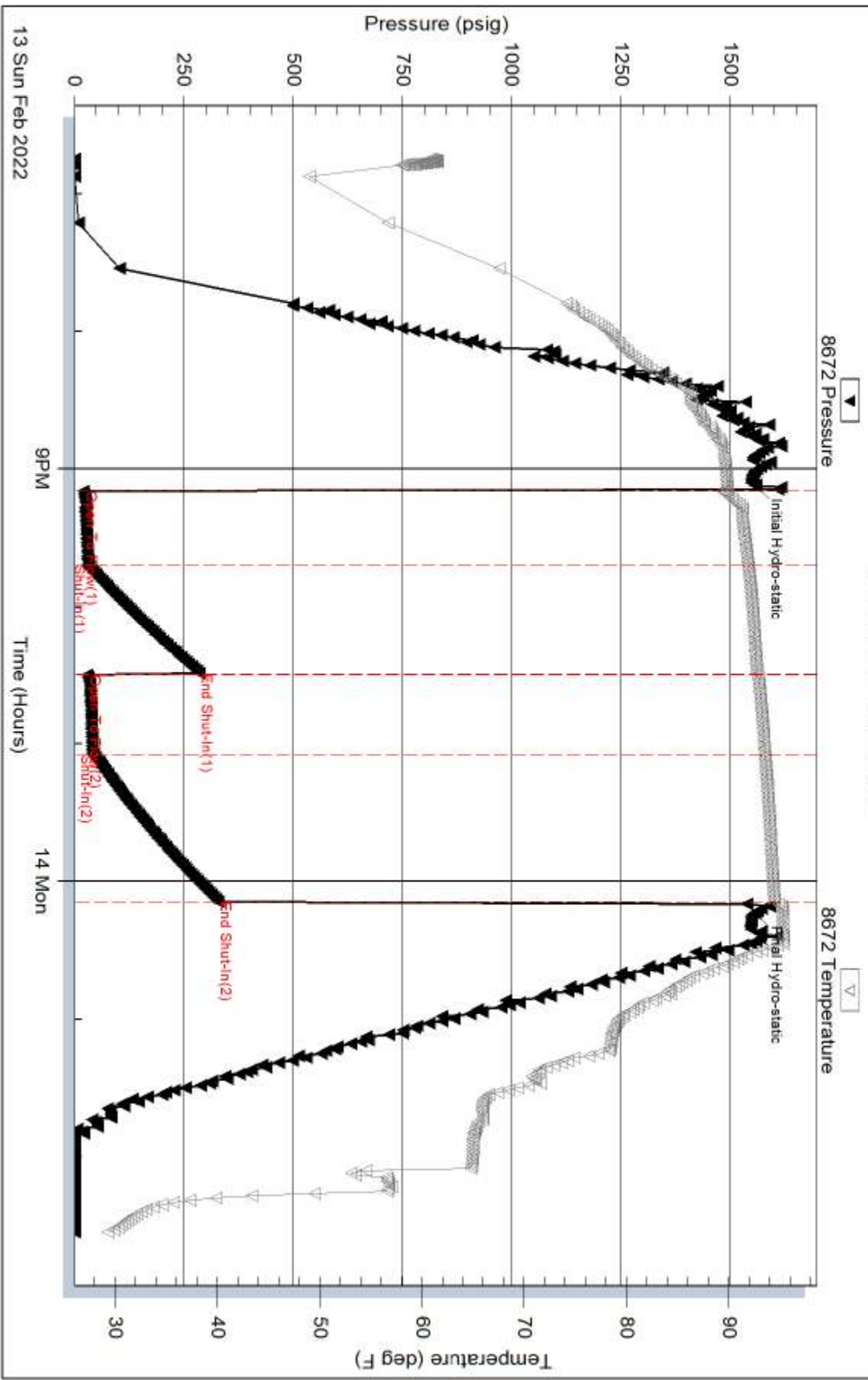
Serial #:

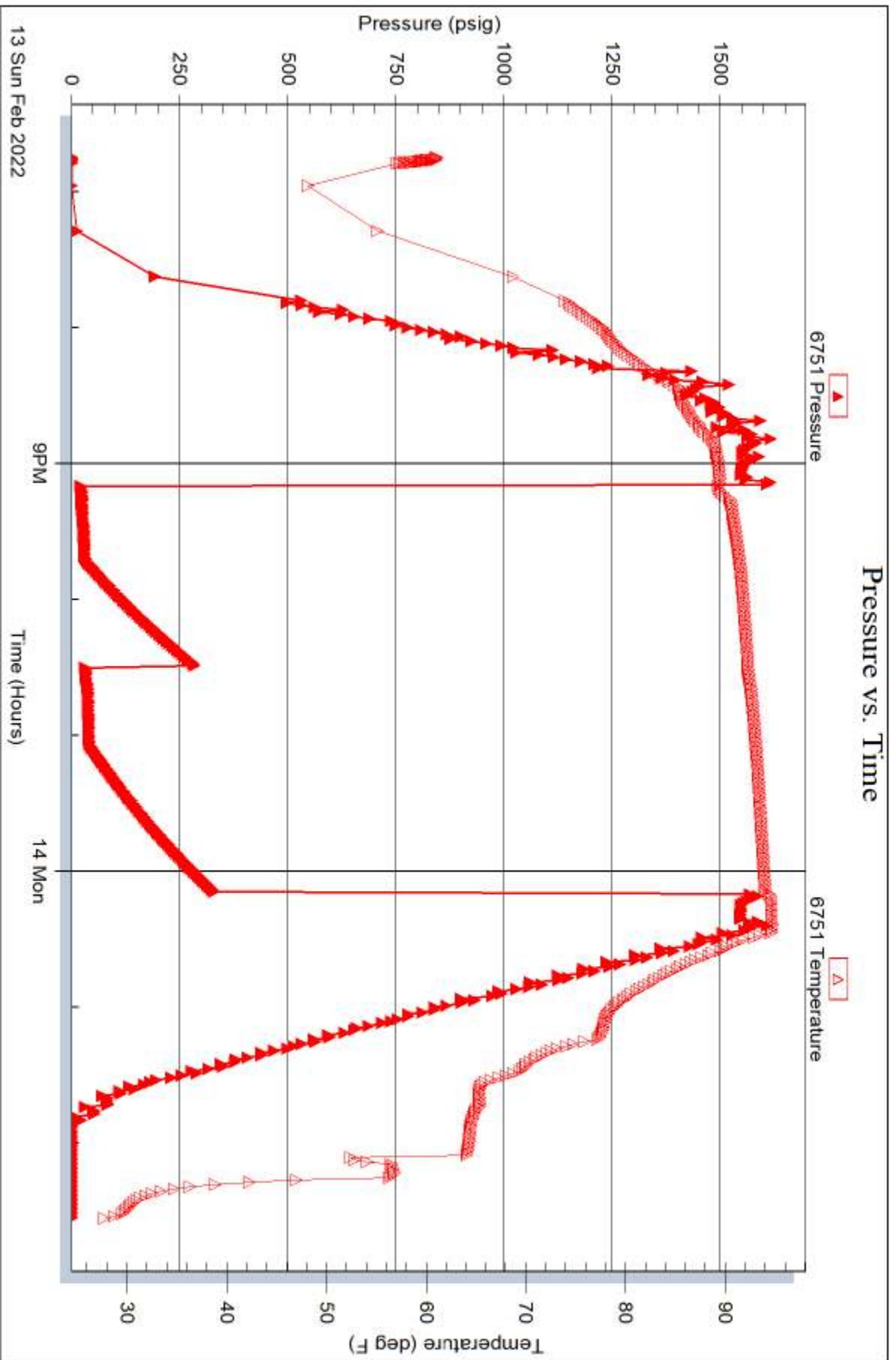
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Darrah Oil Co., LLC

35/20/14W

125 N Market Suite 1425
Wichita, KS 67202

Gaunt 35A-1

Job Ticket: 67878

DST#: 2

ATTN: Saman Sharifaie

Test Start: 2022.02.14 @ 14:35:00

GENERAL INFORMATION:

Formation: **LKC G-H**

Deviated: No Whipstock: 1905.00 ft (KB)

Time Tool Opened: 17:18:32

Time Test Ended: 22:05:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3350.00 ft (KB) To 3432.00 ft (KB) (TVD)

Reference Elevations: 1905.00 ft (KB)

Total Depth: 3432.00 ft (KB) (TVD)

1894.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8672

Inside

Press@RunDepth: 294.87 psig @ 3353.00 ft (KB)

Capacity: psig

Start Date: 2022.02.14

End Date: 2022.02.14

Last Calib.: 1899.12.30

Start Time: 14:35:01

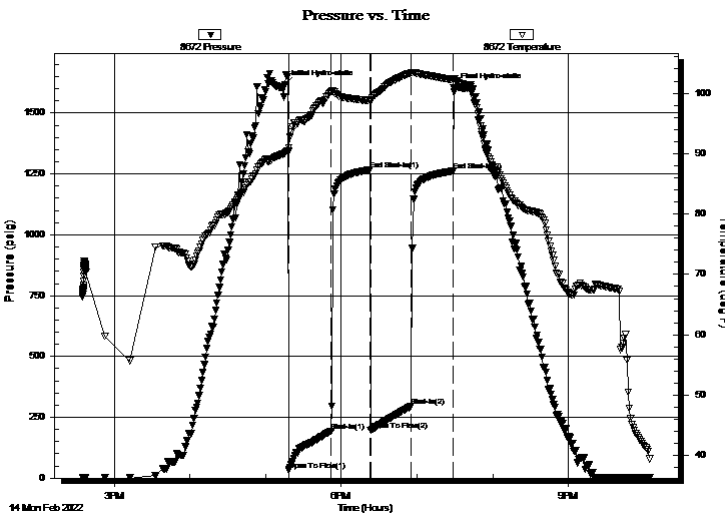
End Time: 22:05:02

Time On Btm: 2022.02.14 @ 17:15:02

Time Off Btm: 2022.02.14 @ 19:29:02

TEST COMMENT: IF: 30 min., BOB 12 min., strong building blow , 32 inches
IS: 30 min., no blow back
FF: 30 min., BOB 11 min., strong building blow , 27 inches
FS: 30 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1616.63	90.08	Initial Hydro-static
4	34.19	91.01	Open To Flow (1)
37	193.97	100.27	Shut-In(1)
68	1266.21	98.78	End Shut-In(1)
68	196.35	98.63	Open To Flow (2)
100	294.87	103.37	Shut-In(2)
134	1261.48	102.28	End Shut-In(2)
134	1604.29	102.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
320.00	muddy water 5%M, 95%W	2.86
284.00	muddy water 30%M, 70%W	3.98

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Darrah Oil Co., LLC
125 N Market Suite 1425
Wichita, KS 67202
ATTN: Saman Sharifaie

35/20/14W
Gaunt 35A-1
Job Ticket: 67878 **DST#: 2**
Test Start: 2022.02.14 @ 14:35:00

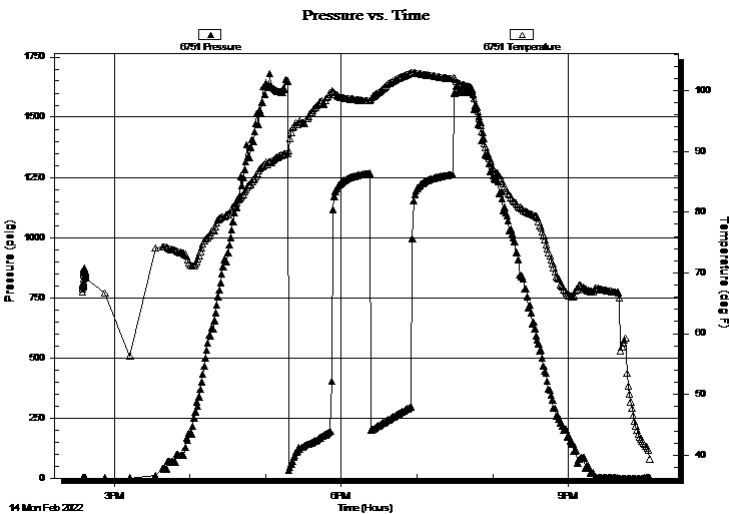
GENERAL INFORMATION:

Formation: **LKC G-H**
Deviated: No Whipstock: 1905.00 ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 17:18:32 Tester: Chris Hagman
Time Test Ended: 22:05:02 Unit No: 69
Interval: 3350.00 ft (KB) To 3432.00 ft (KB) (TVD) Reference Elevations: 1905.00 ft (KB)
Total Depth: 3432.00 ft (KB) (TVD) 1894.00 ft (CF)
Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 6751

Press@RunDepth: psig @ ft (KB) Capacity: psig
Start Date: 2022.02.14 End Date: 2022.02.14 Last Calib.: 1899.12.30
Start Time: 14:35:01 End Time: 22:05:02 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 30 min., BOB 12 min., strong building blow , 32 inches
IS: 30 min., no blow back
FF: 30 min., BOB 11 min., strong building blow , 27 inches
FS: 30 min., no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
320.00	muddy water 5%M, 95%W	2.86
284.00	muddy water 30%M, 70%W	3.98

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah Oil Co., LLC

35/20/14W

125 N Market Suite 1425
Wichita, KS 67202

Gaunt 35A-1

Job Ticket: 67878

DST#: 2

ATTN: Saman Sharifaie

Test Start: 2022.02.14 @ 14:35:00

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: 61000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume: bbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 8500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
320.00	muddy w ater 5%M, 95%W	2.858
284.00	muddy w ater 30%M, 70%W	3.984

Total Length: 604.00 ft Total Volume: 6.842 bbl

Num Fluid Samples: 0

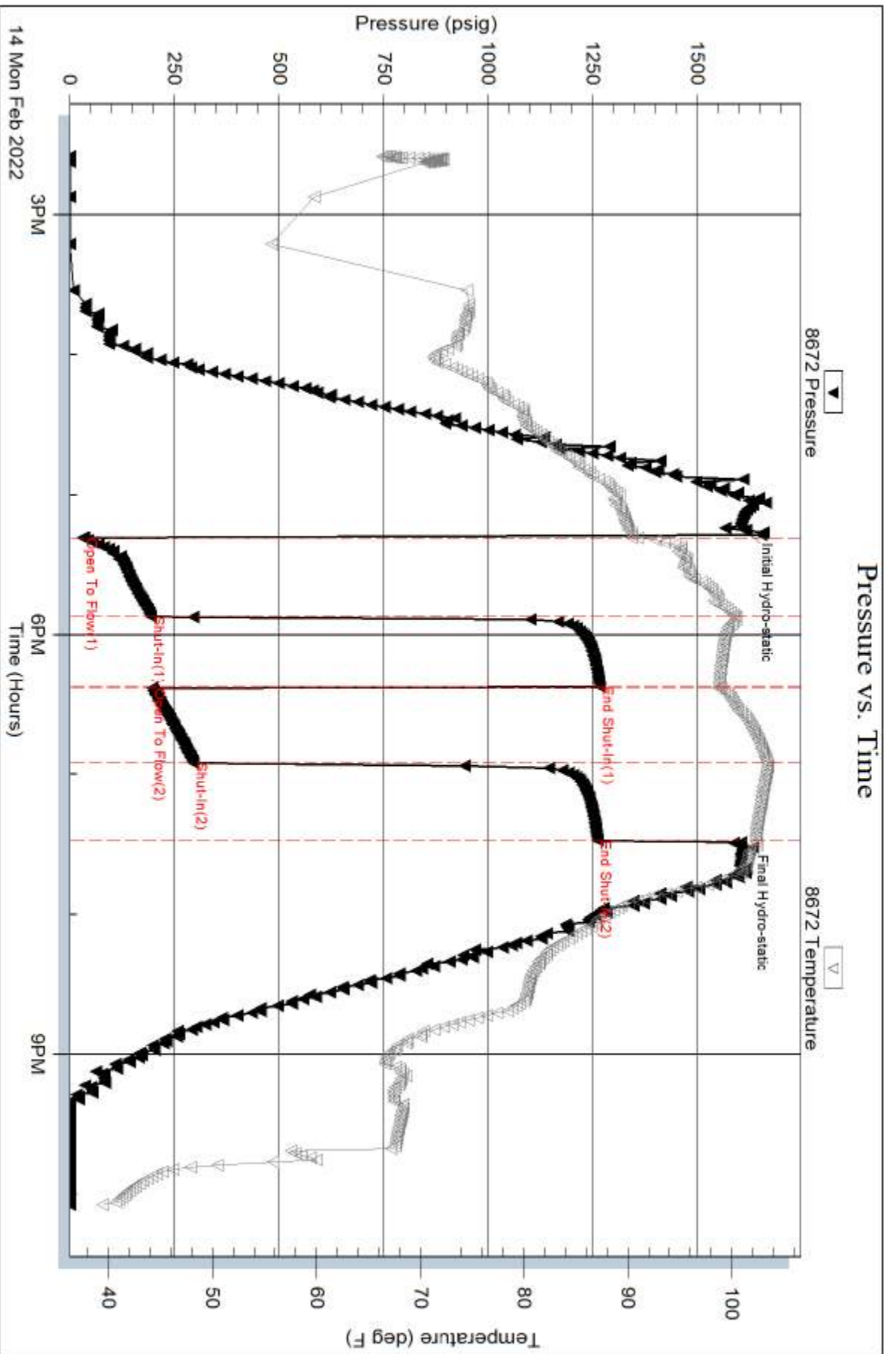
Num Gas Bombs: 0

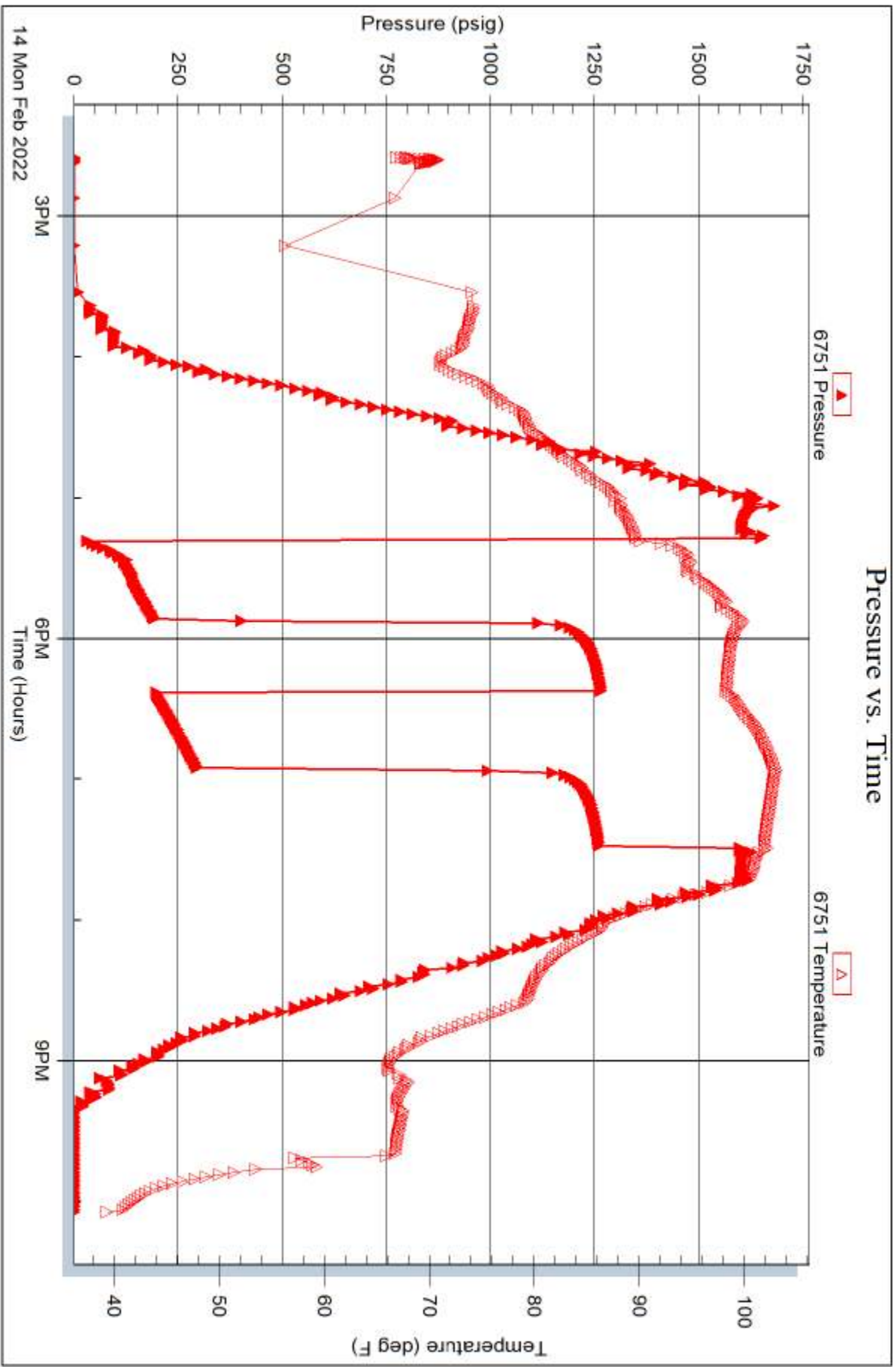
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.173@50F=61000 ppm







**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Darrah Oil Co., LLC

35/20/14W

125 N Market Suite 1425
Wichita, KS 67202

Gaunt 35A-1

Job Ticket: 67879

DST#: 3

ATTN: Saman Sharifaie

Test Start: 2022.02.15 @ 09:55:00

GENERAL INFORMATION:

Formation: **LKC J-K**

Deviated: No Whipstock: 1905.00 ft (KB)

Time Tool Opened: 12:57:17

Time Test Ended: 17:51:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3432.00 ft (KB) To 3506.00 ft (KB) (TVD)

Reference Elevations: 1905.00 ft (KB)

Total Depth: 3506.00 ft (KB) (TVD)

1894.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8672 Inside

Press@RunDepth: 79.86 psig @ 3433.00 ft (KB)

Capacity: psig

Start Date: 2022.02.15

End Date: 2022.02.15

Last Calib.: 1899.12.30

Start Time: 09:55:01

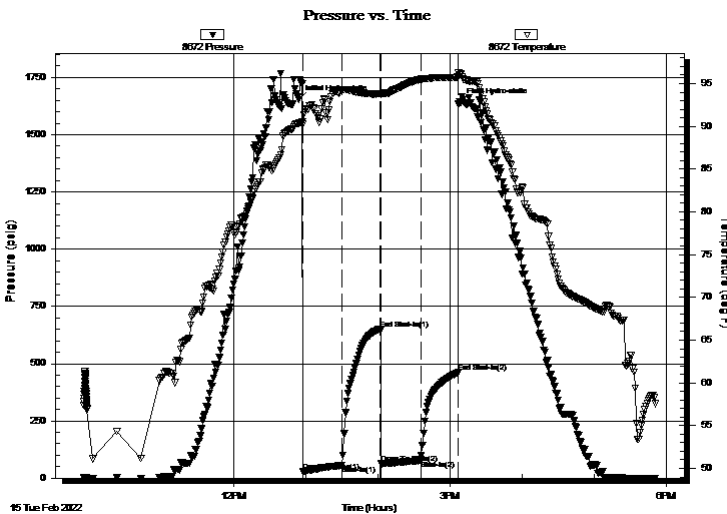
End Time: 17:51:02

Time On Btm: 2022.02.15 @ 12:53:47

Time Off Btm: 2022.02.15 @ 15:07:47

TEST COMMENT: IF: 30 min., fair building blow , 3.3 inches
IS: 30 min., no blow back
FF: 30 min., weak building blow , 1.6 inches
FS: 30 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1653.63	90.37	Initial Hydro-static
4	30.80	90.25	Open To Flow (1)
36	56.09	94.28	Shut-In(1)
68	652.11	93.79	End Shut-In(1)
69	63.10	93.77	Open To Flow (2)
102	79.86	95.50	Shut-In(2)
133	461.26	95.77	End Shut-In(2)
134	1641.58	96.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	100% Mud	0.59

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Darrah Oil Co., LLC
 125 N Market Suite 1425
 Wichita, KS 67202
 ATTN: Saman Sharifaie

35/20/14W
Gaunt 35A-1
 Job Ticket: 67879 **DST#: 3**
 Test Start: 2022.02.15 @ 09:55:00

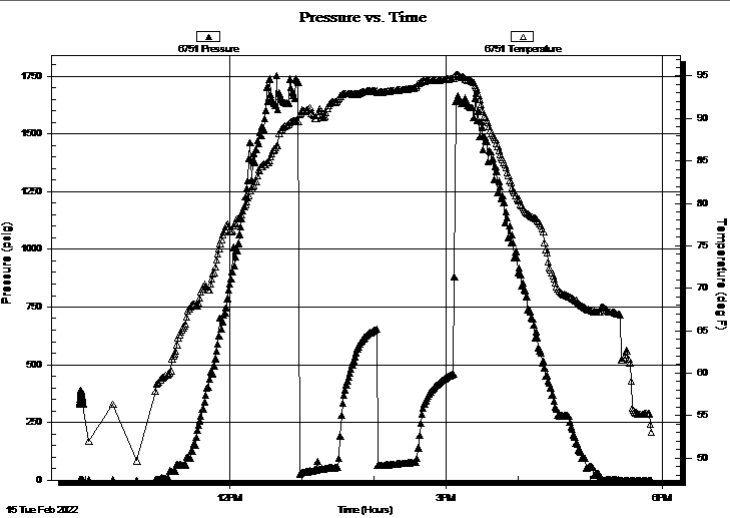
GENERAL INFORMATION:

Formation: **LKC J-K**
 Deviated: No Whipstock: 1905.00 ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 12:57:17 Tester: Chris Hagman
 Time Test Ended: 17:51:02 Unit No: 69
Interval: 3432.00 ft (KB) To 3506.00 ft (KB) (TVD) Reference Elevations: 1905.00 ft (KB)
 Total Depth: 3506.00 ft (KB) (TVD) 1894.00 ft (CF)
 Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 6751

Press@RunDepth: psig @ ft (KB) Capacity: psig
 Start Date: 2022.02.15 End Date: 2022.02.15 Last Calib.: 1899.12.30
 Start Time: 09:55:01 End Time: 17:51:02 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: 30 min., fair building blow , 3.3 inches
 IS: 30 min., no blow back
 FF: 30 min., weak building blow , 1.6 inches
 FS: 30 min., no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	100% Mud	0.59

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah Oil Co., LLC

35/20/14W

125 N Market Suite 1425
Wichita, KS 67202

Gaunt 35A-1

Job Ticket: 67879

DST#: 3

ATTN: Saman Sharifaie

Test Start: 2022.02.15 @ 09:55:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	100% Mud	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

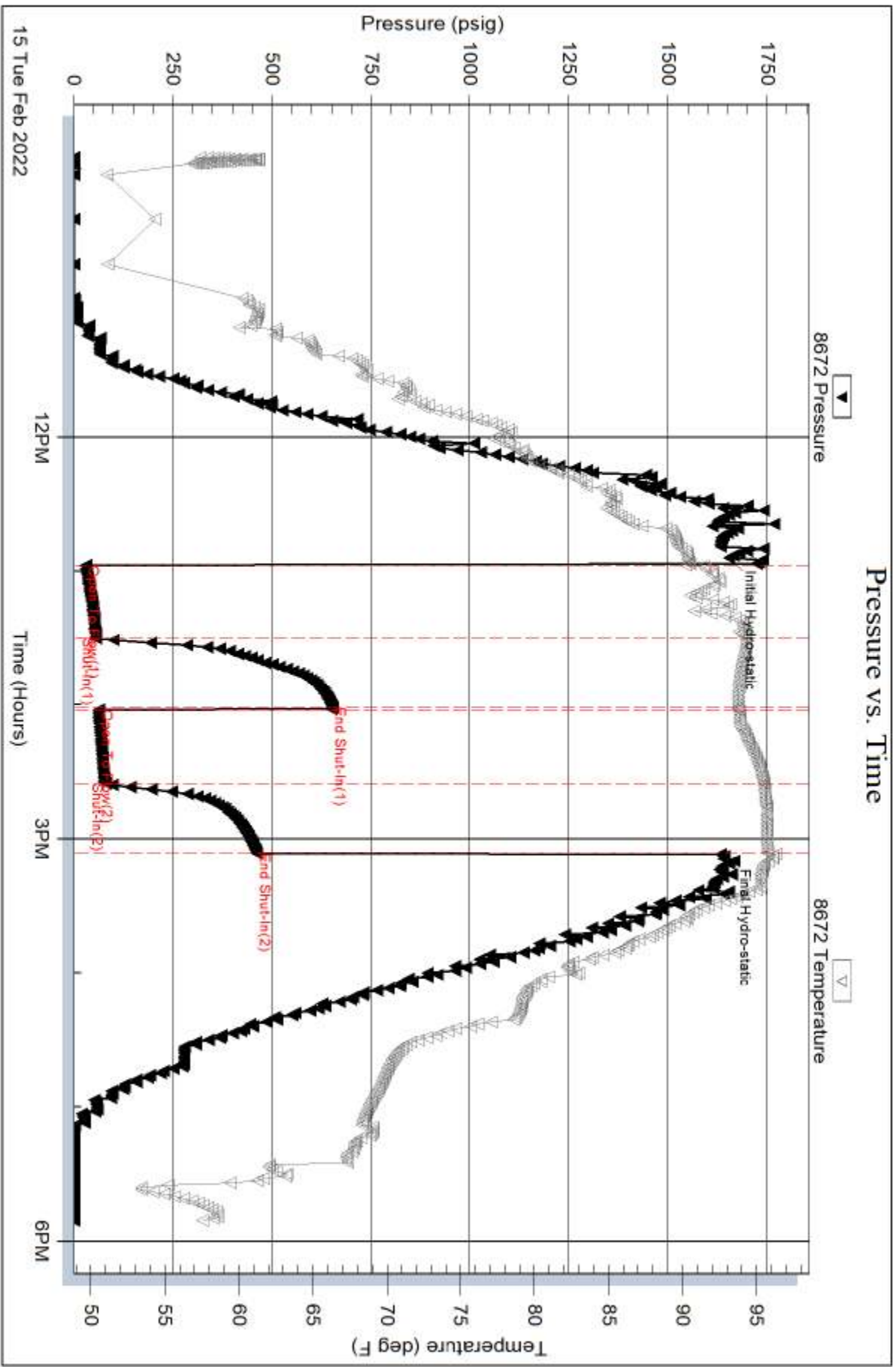
Num Gas Bombs: 0

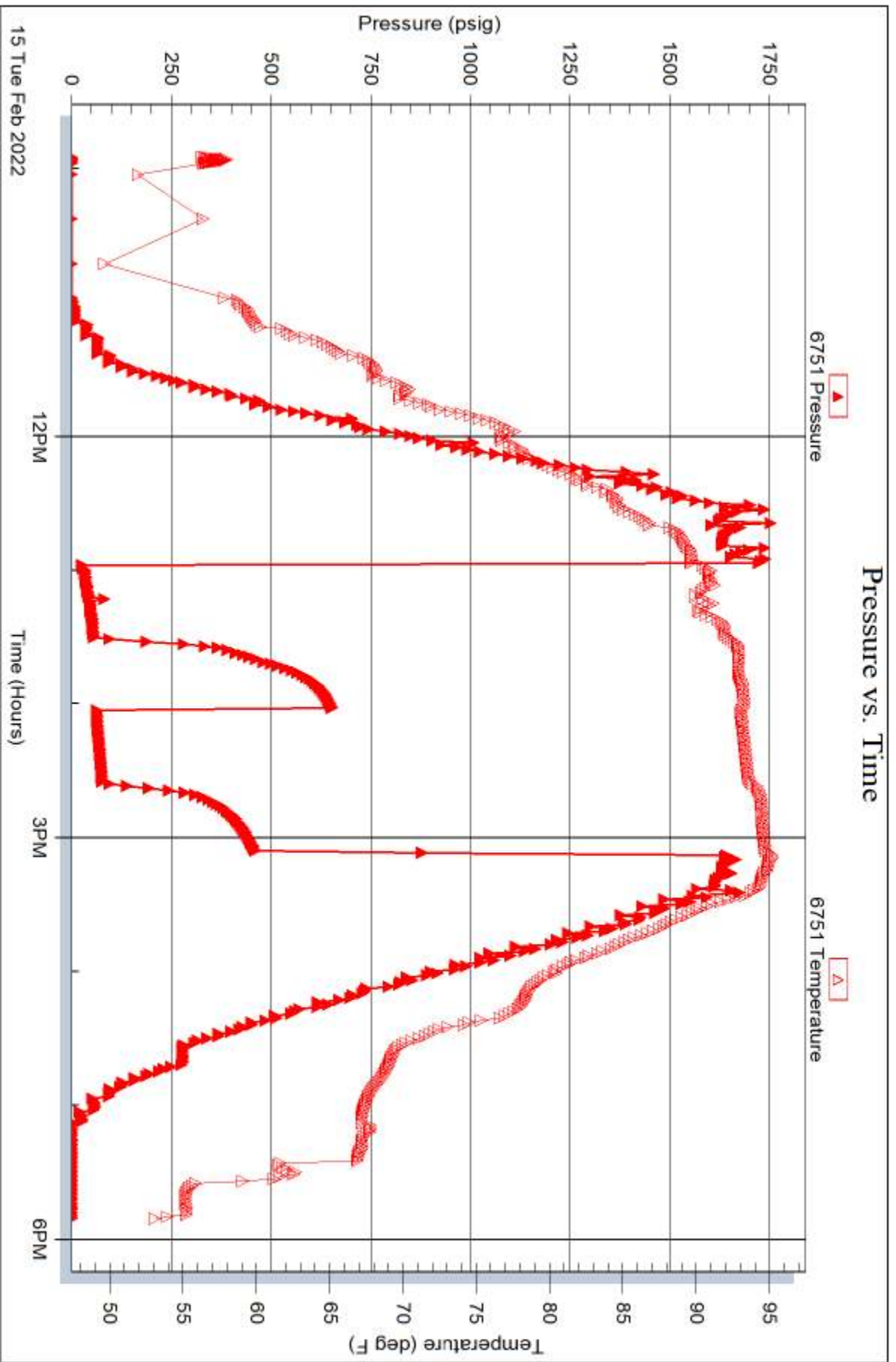
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Darrah Oil Co., LLC

35/20/14W

125 N Market Suite 1425
Wichita, KS 67202

Gaunt 35A-1

Job Ticket: 67880

DST#: 4

ATTN: Saman Sharifaie

Test Start: 2022.02.16 @ 04:18:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: 1905.00 ft (KB)

Time Tool Opened: 06:34:47

Time Test Ended: 15:23:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 3498.00 ft (KB) To 3560.00 ft (KB) (TVD)

Reference Elevations: 1905.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

1894.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8672 Inside

Press@RunDepth: 1084.56 psig @ 3500.00 ft (KB)

Capacity: psig

Start Date: 2022.02.16

End Date: 2022.02.16

Last Calib.: 1899.12.30

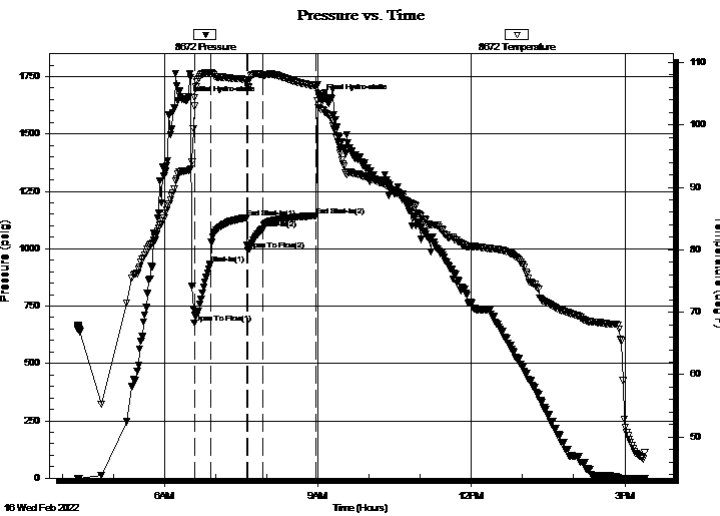
Start Time: 04:18:01

End Time: 15:23:47

Time On Btm: 2022.02.16 @ 06:25:32

Time Off Btm: 2022.02.16 @ 09:02:32

TEST COMMENT: IF: 15 min., BOB 30 sec, strong building blow , 604 inches
IS: 45 min., no blow back
FF: 15 min., BOB 30 sec., strong building blow , 358 inches
FS: 60 min., blow back in 5 min., .6 inches



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1646.67	92.65	Initial Hydro-static
10	674.47	103.04	Open To Flow (1)
28	932.43	108.41	Shut-In(1)
71	1135.29	107.12	End Shut-In(1)
73	992.83	105.89	Open To Flow (2)
90	1084.56	108.02	Shut-In(2)
153	1144.41	106.24	End Shut-In(2)
157	1652.87	102.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2900.00	gassy oil 15%G, 85%O	39.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah Oil Co., LLC

35/20/14W

125 N Market Suite 1425
Wichita, KS 67202

Gaunt 35A-1

Job Ticket: 67880

DST#: 4

ATTN: Saman Sharifaie

Test Start: 2022.02.16 @ 04:18:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2900.00	gassy oil 15%G, 85%O	39.049

Total Length: 2900.00 ft Total Volume: 39.049 bbl

Num Fluid Samples: 0

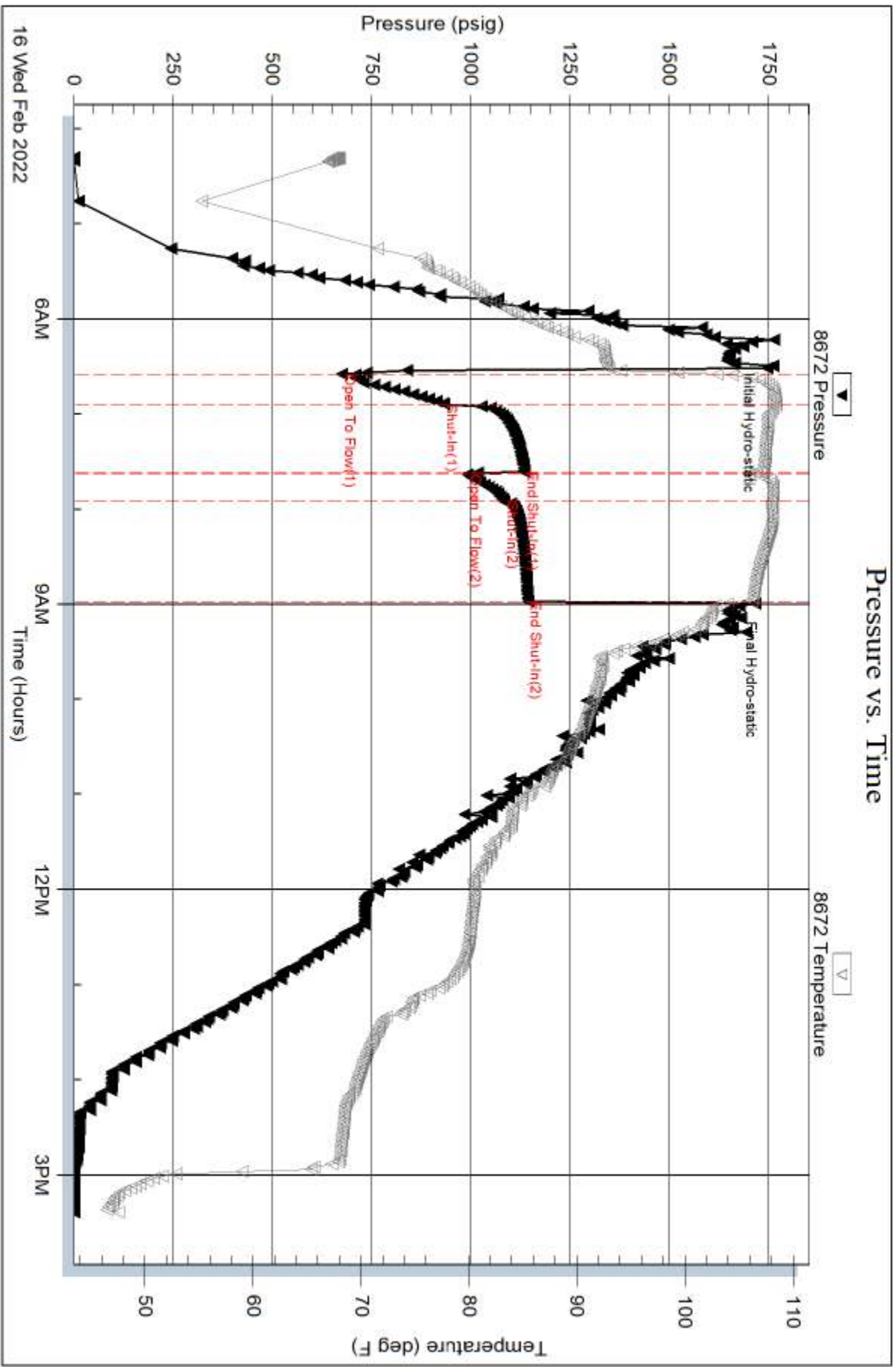
Num Gas Bombs: 0

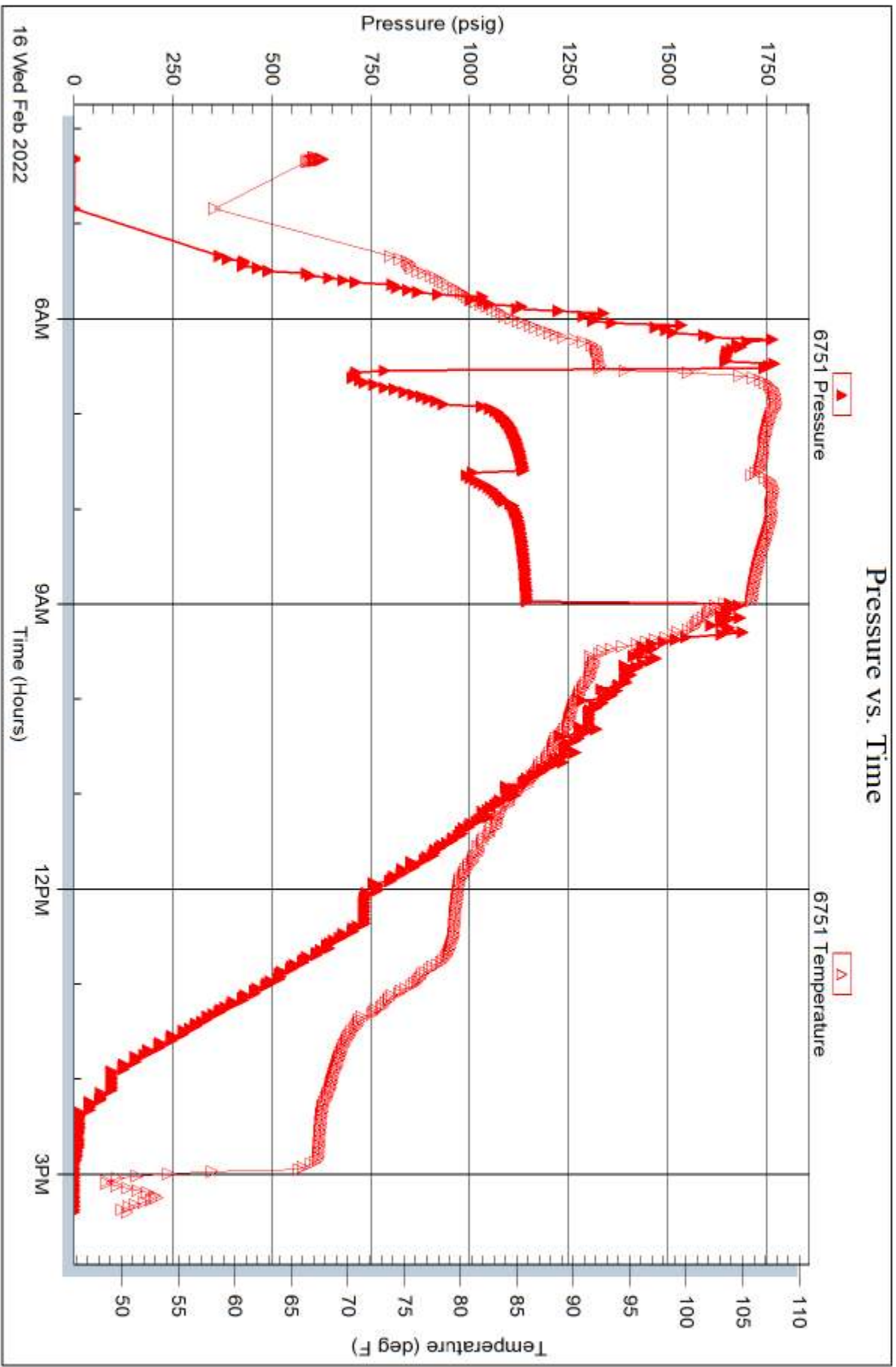
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API=37@50F=36 api





Saman Sharfaie

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Darrin OH Company, LLC**
LEASE **Gaunt 35A #1**
FIELD **Pritchard**
LOCATION **1617 E.NL & 869' FEL**
SEC **35** TWP **20S** RGE **14W**
COUNTY **Barton** STATE **Kansas**
CONTRACTOR **Murfin Drilling #210**
SPUD **02/09/22** COMP **02/17/22**
RTD **3560'** LTD **3559'**
MUD UP **3000'** TYPE MUD **Chemical**

ELEVATIONS
KB 1917'
DF _____
GL 1906'
Measurements Are All From Kelly Bushing

CASING
CONDUCTOR _____
SURFACE 8-5/8" at 220'
PRODUCTION 5-1/2" at 3551.5'

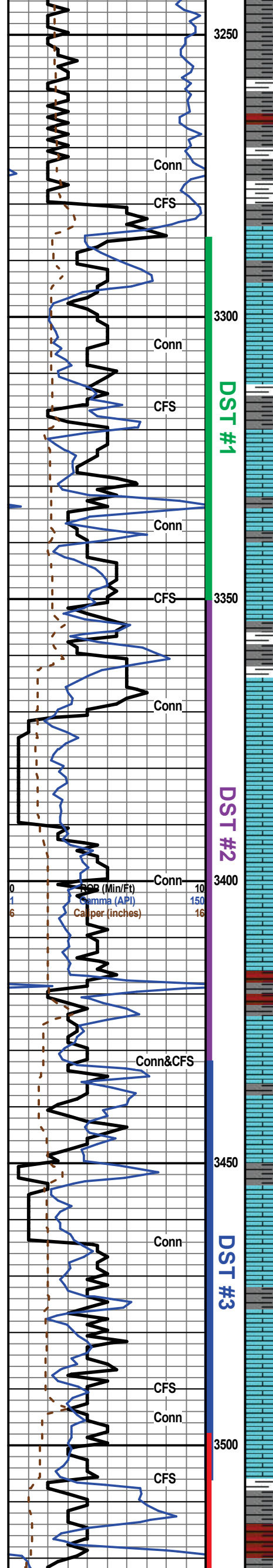
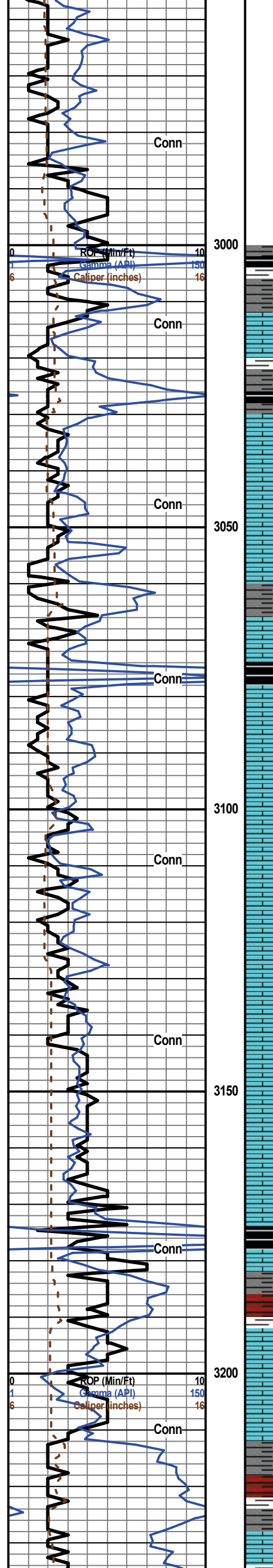
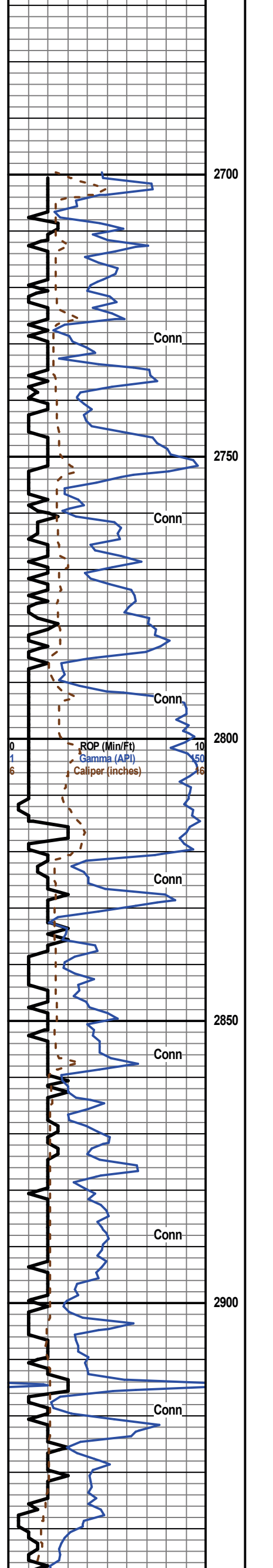
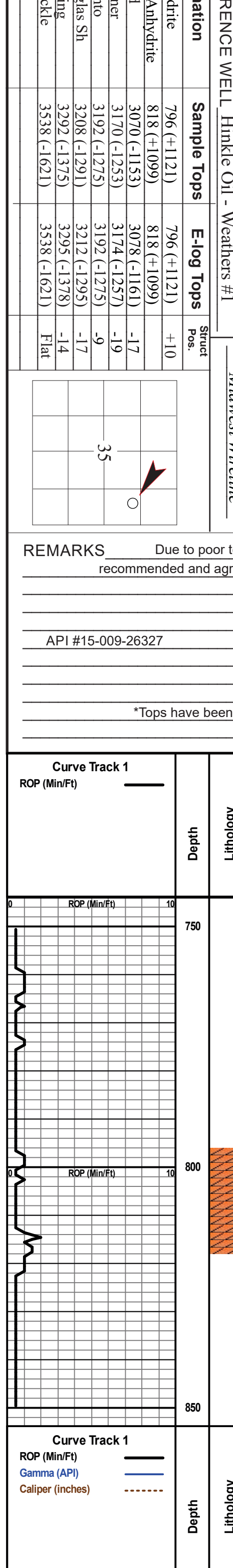
ELECTRICAL SURVEYS
CND, DIL, MEL, sonic
Midwest Wireline

Formation	Sample Tops	E-log Tops	Struct Pos
Anhydrite	796 (+121)	796 (+121)	+10
Base Anhydrite	818 (+1099)	818 (+1099)	-17
Oread	3070 (-1153)	3078 (-1161)	-19
Heebner	3170 (-1253)	3174 (-1257)	-9
Toronto	3192 (-1275)	3192 (-1275)	-17
Doublet Sh	3308 (-1291)	3212 (-1295)	-14
Lansing	3292 (-1375)	3295 (-1378)	-14
Anhydrite	3538 (-1621)	3538 (-1621)	Flat

REMARKS
Due to poor to fair shows of oil in multiple potential pay zones and positive DST results, it is recommended and agreed upon by all parties that production casing be set to further evaluate this well.

Respectfully Submitted,
Saman Sharfaie
Petroleum Geologist

*Tops have been adjusted to electric logs



DAILY PENETRATION
02/09/22 - Spud & Set Casing
02/10/22 - Drilling
02/11/22 - Drilling
02/12/22 - Drilling
02/13/22 - DST#1
02/14/22 - DST#2
02/15/22 - DST#3
02/16/22 - DST#4
02/17/22 - Set production casing

Sh, gryflt gnbk carb
Ls, tanlcrmlt gry, Tr molt, vf-fn xln, Tr foss/Oolc, no-pr vis poc dns to sub-chly, hd to brnt, calc IP, sbang to bkly, shy IP, nis

Sh, gryfltklt gn, sly to snyd, scat pyr
Ls, tanlcrmlt gry, molt IP, vf-fn xln, foss, Oolc IP, no-pr vis poc pt dns to sub-chly, pyr, calc IP, sbang gry Sh, nis
Ls, cmntanlgr, fn xln, foss, pr intpart & xln por, dns to sub-chly, calc crnt, hd to brnt, Tr pyrc, sbang to sil bkly, nis

Sh, blk carb, pyrc IP **Oread 3078 (-1161)**
Ls, tanlcrmbm, micr-fn xln, foss IP, pr pp intfoss & xln por pt dns to chly, calc IP, pyrc IP, Tr Chl, nis
Ls, tanlcrmbm, fn xln, foss IP, pr vis poc pt dns to chly, calc IP, sbang to bkly, Tr pyrc, Tr Chl, nis
Ls, cmntanlgr, molt IP, vf-fn xln, foss IP, pr-fr intpart pt dns to chly, brnt to fit, calc, scat Chl, nis
Ls, cmntanlgr, sing, vf xln, Tr pr intpart por, pred NVP, dns, calc IP, hd to brnt, nis
Ls, aa, sub-chly IP, Tr pyrc, nis
Ls, cmntanlgr, Tr molt, vf-fn xln, foss IP, pr pp intpart & xln por, dns to sub-chly, calc IP, shy, scat molt Chl, nis

Ls, cmntanlgr, micr-fn xln, foss IP, Tr pr-fr intpart & vug por, pred NVP, calc IP, Tr pyrc, nis
Sh, gryfltm/vari, sly, argil
Ls, cmntanlgr, micr-vf xln, foss IP, no-pr vis poc dns to sub-chly, calc crnt, pyrc IP, Tr Chl, scat med bm stn, spkld to spdt, IP, r med-dk bm spdt stn, sub-sat, Tr slw bld pp & strks FO (pred ind), Tr G Bubbles, fr gsy odt, VSSFO
Sh, gryflt gnbm/vari, sly & calc IP
Ls, cmntanlgr, micr-fn xln, foss, pr fr pp intpart & xln por pt dns to sub-chly, calc crnt, pyrc IP, Tr Chl, scat med bm stn, spkld to spdt, v fnt odt, VSSFO
Sh, gryfltklt gn, sly to snyd IP, pyrc IP
Sh, gry, calc, pyrc, sly to gmy
Sh, gryfltklt gnbm, pred sly to snyd, calc, Tr gmy
Sh, gryfltklt gn, sly, pyrc
Ls, cmntanlgr, micr-vf xln, foss IP, no-pr vis poc dns, hd to brnt, calc, nis

Ls, cmntanlgr, micr-fn xln, pr-fr intpart & xln por, Tr vug por, dns to sub-chly, calc, scat med bmbk stn, spkld to spdt, gls IP, It pt sat, slw bld pp FO (pred ind), Tr G Bubbles, gd gsy odt, SFSO
Ls, cmntanlgr, vf-fn xln, foss, Oolc IP, fr intOolc & vug por pt dns to sub-chly, calc IP, Tr med-dk bm spdt stn, sub-sat, slw bld pp FO, ind OCW, Tr G Bubbles, gd odt, SFSO
Ls, aa, decr Shw & por abund, fnt odt, VSSFO
Sh, gryfltklt gn, pyrc IP, sly & calc IP
Ls, cmntanlgr, micr-fn xln, foss IP, pr infoss poc dns to fit, calc IP, Tr Chl, r med-dk bmbk pchly stn, l-med pt sat, m rid pp FO bld & G Bubbles, v fnt odt, VSSFO
Ls, tanlcrmbm, fn xln, foss, fr-gd intOolc & vug por pt dns to sub-chly, calc crnt, pyrc IP, Tr Chl, scat med bm stn, spkld to spdt, pp FO, ind OCW, abund G Bubbles, gd gsy odt, SFSO
Ls, cmntanlgr, vf-fn xln, foss IP, pr fr pp intpart & xln por, Tr fr-gd Oolc & vug por, dns to sub-chly, hd to brnt, calc IP, Tr pyrc, scat med bm stn, spkld to spdt, l-med pt sat, Tr ind pps & strks FO, scat G Bubbles, fr odt, SFSO
Ls, aa, pred NVP, infound sub-chly pcs, scat on tan Chl, decr Shw abund, fnt odt, VSSFO
Ls, cmntanlgr, vf-med xln, foss IP, pr-fr intpart & Oolc por, Tr vuggy, dns to sub-chly, calc crnt, hd to brnt, Tr l-med bm pchly stn, spkld to spdt, pp FO, ind OCW, m G Bubbles, fr gsy odt, SFSO
Ls, cmntanlgr, micr-fn xln, foss IP, pr infoss poc pt dns to sub-chly, hd to fit, shy IP, Tr med bm intOolc stn, sub-sat, Tr ind FO bld, fnt odt, VSSFO
Ls, tanlcrmbm, fn xln, foss, fr-gd intOolc & vug por pt dns to sub-chly, calc crnt, pyrc IP, Tr Chl, scat med bm stn, spkld to spdt, pp FO, ind OCW, abund G Bubbles, gd gsy odt, SFSO
Dol, tanlcr, vf-med xln, suc btd, fr-gd intgran & intOolc por, pt dns to sub-chly, fit to sil argl, Lmy IP, fr ant med-dk bm spdt stn, l-med sat, scat pp FO & G Bubbles, ind OCW, bn y floor, gd odt, gd odt, P-GSFO
Dol, aa, pred crm, lncr, Lmy, decr Shw abund, SFSO

RTD 3560 (-1643)
Deviation Survey @ 3560': 34°

Engineering Data
Andy's Mud @ 3060'
Wt: 8.7
Vis: 55
Wl: 8.4
Chl: 4,500
LCM: 2#

DST #1
(LKC A-F)
3286'-3430'
30-45-30-60
IF: Blow built to 9.5"
ISI: No blow
FF: BOB in 20 mins
FS: No blow
Rec: 60' OM (100%, 90%M)

DST #2
(LKC G-H)
3350'-3432'
30-30-30-30
IF: BOB in 12 mins
ISI: No blow
FF: BOB in 11 mins
FS: No blow
Rec: 320' MW (5%M, 95%M), 284' MW (30%M, 70%M)

DST #3
(LKC J-K)
3432'-3508'
30-30-30-30
IF: Blow built to 3.3"
FF: BOB in 30 secs
Rec: 120' M (100%M)

DST #4
(Arbuckle)
3498'-3560'
15-45-15-60
IF: BOB in 30 secs
ISI: No blow
FF: Blow built to 1.6"
Rec: 2900' GO (15%M, 85%O)

Engineering Data
Andy's Mud @ 3560'
Wt: 9.1
Vis: 51
Wl: 10.4
Chl: 10,000
LCM: 2#
Deviation Survey @ 3560': 34°



Remit To: Hurricane Services, Inc.
 250 N. Water, Suite 200
 Wichita, KS 67202
 316-303-9515

Customer:
 DARRAH OIL
 C/O JOHN JAY DARRAH JR
 PO BOX 2786
 WICHITA, KS 67201-2786

Invoice Date: 2/17/2022
 Invoice #: 0358923
 Lease Name: Gaunt
 Well #: A #1 (New)
 County: Barton, Ks
 Job Number: WP2428
 District: Pratt

Date/Description	HRS/QTY	Rate	Total
Production Casing	0.000	0.000	0.00
H-Long	150.000	25.760	3,864.00
H-Plug	50.000	11.960	598.00
5 1/2" Floatshoe-Flapper AFU	1.000	345.000	345.00
5 1/2" LD Plug & Baffle	1.000	322.000	322.00
5 1/2" Turbolizers	5.000	115.000	575.00
Mud flush	500.000	0.920	460.00
Liquid KCL Substitute 2	1.000	18.400	18.40
Light Eq Mileage	50.000	1.840	92.00
Heavy Eq Mileage	100.000	3.680	368.00
Ton Mileage	458.000	1.380	632.04
Cement Blending & Mixing	200.000	1.288	257.60
Depth Charge 3001'-4000'	1.000	2,070.000	2,070.00
Cement Plug Container	1.000	230.000	230.00
Cement Data Acquisition	1.000	230.000	230.00
Service Supervisor	1.000	275.000	275.00

Total 10,337.04

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!




Customer	Darrah Oil	Lease & Well #	Gaunt 35A 1	Date	2/17/20200
Service District	Pratt Kansas	County & State	Barton Kansas	Legals S/T/R	35-29s-14w
Job Type	Production casing	<input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No	Ticket #
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			
916	M Brungardt	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
523/522	K Lesely	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
526/532	B Strickland	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations
		<input type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	
Comments					

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
cp030	H-Long	sack	150.00	\$3,864.00
cp055	H-Plug	sack	50.00	\$598.00
fe145	5 1/2" Float Shoe - AFU Flapper Type	ea	1.00	\$345.00
fe170	5 1/2" Latch Down Plug & Baffle	ea	1.00	\$322.00
fe135	5 1/2 Turbolizer	ea	5.00	\$575.00
cp170	Mud Flush	gal	500.00	\$460.00
af056	Liquid KCL Substitute 2	gal	1.00	\$18.40
m015	Light Equipment Mileage	mi	50.00	\$92.00
m010	Heavy Equipment Mileage	mi	100.00	\$368.00
m020	Ton Mileage	tm	458.00	\$632.04
c060	Cement Blending & Mixing Service	sack	200.00	\$257.60
d014	Depth Charge: 3001'-4000'	job	1.00	\$2,070.00
c050	Cement Plug Container	job	1.00	\$230.00
c035	Cement Data Acquisition	job	1.00	\$230.00
r061	Service Supervisor	day	1.00	\$275.00
c025	Cement Pump - Hourly Service	hr		

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Net:	\$10,337.04
		Total Taxable	\$ -
		Tax Rate:	
Based on this job, how likely is it you would recommend HSI to a colleague?		Sale Tax:	\$ -
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Total:	\$ 10,337.04
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely			
		HSI Representative:	

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X  CUSTOMER AUTHORIZATION SIGNATURE



CEMENT TREATMENT REPORT

Customer: Darrah Oil	Well: Gaunt 35A 1	Ticket: wp2428
City, State: Great Bend Kansas	County: Barton Kansas	Date: 2/17/20200
Field Rep: Cooper sealy	S-T-R: 35-29s-14w	Service: Production casing

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	3565 ft
Casing Size:	5 1/2 in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	81.s bbls

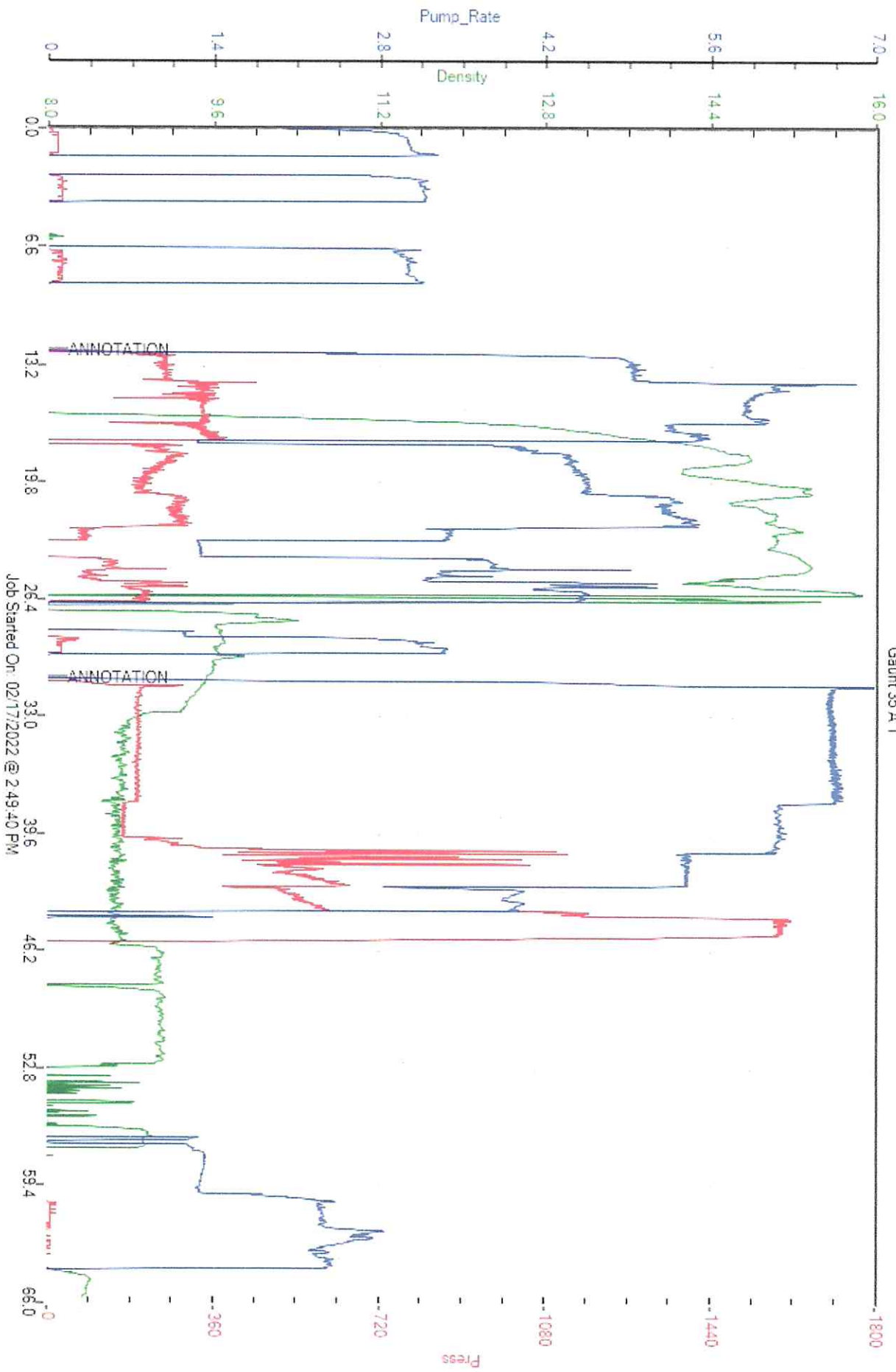
Calculated Slurry - Lead	
Blend:	H-Long
Weight:	15.0 ppg
Water / Sx:	6.0 gal / sx
Yield:	1.42 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	37.9 bbls
Total Sacks:	150 sx

Calculated Slurry - Tail	
Blend:	H-Plug
Weight:	13.7 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.43 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	12.7 bbls
Total Sacks:	50 sx

TIME	RATE	PSI	BBLs	STAGE	TOTAL BBLs	REMARKS
6:45 AM			-	-	-	on location job and safety
7:00 AM				-	-	spot trucks and rig up
				-	-	turbolizers 1,3,5,7,9
9:45 AM				-	-	start casing in the ground
12:35 PM				-	-	on bottom and circulate
2:08 PM				-	-	start flush
	5.0	250.0	5.0		5.0	fresh water
	5.0	250.0	12.0		17.0	500 gal mud flush
	5.0	250.0	5.0		22.0	fresh water
1:55 PM	2.0	-	12.7		12.7	plug rat and mouse hole,,,,,,,,,,,,,rat hole 30 sacks ,,,,mouse hole 20 sacks
2:10 PM						start cement
	5.0	300.0	37.9			mix 150 sacks cement
2:20 PM						cement in and shut down
						wash pump and lines
2:25 PM						start displacement
	6.5	200.0	40.0			
	6.5	220.0	60.0			
	5.5	650.0	70.0			
	3.5	550.0	75.0			
2:40 PM	3.5	1,100.0	81.5			plug down.....1100 to 1600 psi plug did hold

CREW			UNIT	SUMMARY		
Cementer:	M Brungardt		916	Average Rate	Average Pressure	Total Fluid
Pump Operator:	K Lesely		523/522	4.8 bpm	377 psi	399 bbls
Bulk #1:	B Strickland		526/532			
Bulk #2:						

Darrah Oil
Gault 35 A 1





Remit To: Hurricane Services, Inc.
 250 N. Water, Suite 200
 Wichita, KS 67202
 316-303-9515

Customer:
 DARRAH OIL
 C/O JOHN JAY DARRAH JR
 PO BOX 2786
 WICHITA, KS 67201-2786

Invoice Date: 2/9/2022
 Invoice #: 0358758
 Lease Name: Gaunt
 Well #: A #1 (New)
 County: Barton, Ks
 Job Number: WP2390
 District: Pratt

Date/Description	HRS/QTY	Rate	Total
Surface Pipe	0.000	0.000	0.00
Cement Pozmix 60/40	400.000	11.960	4,784.00
Calcium Chloride	1,032.000	0.690	712.08
Cello Flake	100.000	1.610	161.00
Light Eq Mileage	50.000	1.840	92.00
Heavy Eq Mileage	100.000	3.680	368.00
Ton Mileage	860.000	1.380	1,186.80
Cement Blending & Mixing	400.000	1.288	515.20
Depth Charge 0'-500'	1.000	920.000	920.00
Cement Data Acquisition	1.000	230.000	230.00
Service Supervisor	1.000	275.000	275.00

Total 9,244.08

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



Customer	DARRAH OIL COMPANY	Lease & Well #	GAUNT 35 A 1	Date	2/9/2022
Service District	PRATT, KS.	County & State	BARTON, KS.	Legals S/T/R	35-29S-14W
Job Type	SURFACE PIPE	<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	New Well? <input checked="" type="checkbox"/> YES <input type="checkbox"/> No
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			

926	LESLEY	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
176-521	BROCKMAN	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
181-533	WHITFIELD	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input type="checkbox"/> Slip/Trip/Fall Hazards	<input checked="" type="checkbox"/> Specific Job Sequence/Expectations
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations
		<input type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	

Comments

8 5/8" SURFACE PIPE

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
CP070	60/40/2 Pozmix	sack	400.00	\$4,784.00
CP100	Calcium Chloride	lb	1,032.00	\$712.08
CP120	Cello-flake	lb	100.00	\$161.00
M015	Light Equipment Mileage	mi	50.00	\$92.00
M010	Heavy Equipment Mileage	mi	100.00	\$368.00
M020	Ton Mileage	tm	860.00	\$1,186.80
C060	Cement Blending & Mixing Service	sack	400.00	\$515.20
D010	Depth Charge: 0'-500'	job	1.00	\$920.00
C035	Cement Data Acquisition	job	1.00	\$230.00
R061	Service Supervisor	day	1.00	\$275.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Net:	\$9,244.08
	Total Taxable	\$ -	Tax Rate:

Based on this job, how likely is it you would recommend HSI to a colleague?	<small>State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.</small>	Sale Tax:	\$ -
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <small>Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely</small>		Total:	\$ 9,244.08

	HSI Representative:	<i>Kevin Lesley</i>
--	----------------------------	---------------------

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**



CEMENT TREATMENT REPORT

Customer:	DARRAH OIL COMPANY	Well:	GAUNT 35 A 1	Ticket:	WP 2390
City, State:		County:	BARTON, KS.	Date:	2/9/2022
Field Rep:	JESUS VARGAS	S-T-R:	35-29S-14W	Service:	SURFACE PIPE

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	12 1/4 in	Blend:		Blend:	60/40 POZMIX
Hole Depth:	214 ft	Weight:	ppg	Weight:	14.8 ppg
Casing Size:	8 5/8 in	Water / Sx:	gal / sx	Water / Sx:	5.2 gal / sx
Casing Depth:	200 ft	Yield:	ft ³ / sx	Yield:	1.21 ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	180 ft	Depth:	ft	Depth:	ft
Tool / Packer:		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	11.0 bbls	Total Slurry:	0.0 bbls	Total Slurry:	86.2 bbls
		Total Sacks:	0 sx	Total Sacks:	400 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
1:00PM			-	-	ON LOCATION- SPOT EQUIPMENT- RIG UP FOR JOB
2:45PM					RUN5 JTS. 8 5/8" X 32# CASING
3:40PM					CASING ON BOTTOM
3:45PM					HOOK, UPTP CASING AND BREAK CIRCULATION WITH RIG PUMP AND MUD
4:05PM	5.0	300.0	5.0	5.0	H2o AHEAD
4:07PM	5.0	200.0	86.2	91.2	MIX 400 SKS 60/40 POZ @14.8 PPG
4:25PM	5.0	200.0		91.2	START DISPLACEMENT
4:29PM	4.0	250.0	9.0	100.2	SLOW RATE
4:30PM	3.0	250.0	11.8	112.0	CEMENT @ DESIRED DEPTH
				112.0	CIRCULATION THRU JOB
				112.0	CIRCULATED 15 BBL TO PIT
					JOB COMPLETE,
					THANKS KEVEN AND CREW

CREW		UNIT	SUMMARY		
Cementer:	LESLEY	926	Average Rate	Average Pressure	Total Fluid
Pump Operator:	BROCKMAN	176-521	4.4 bpm	240 psi	112 bbls
Bulk #1:	WHITFIELD	181-533			
Bulk #2:					