

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)</i> <i>(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	Darrah Oil Company, LLC
Well Name	SEALOCK 1-16
Doc ID	1677884

All Electric Logs Run

dual induction
micro
porosity
sonic



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: 8/30/2022
 Invoice #: 0362786
 Lease Name: Sealock
 Well #: 1-16 (New)
 County: Sheridan, Ks
 Job Number: WP3300
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	225.000	22.500	5,062.50
Light Eq Mileage	50.000	2.000	100.00
Heavy Eq Mileage	100.000	4.000	400.00
Ton Mileage	530.000	1.500	795.00
Depth Charge 0'-500'	1.000	1,000.000	1,000.00
Cement Blending & Mixing	225.000	1.400	315.00
Service Supervisor	1.000	275.000	275.00

Total 7,947.50

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!



CEMENT TREATMENT REPORT

Customer: Darrah Oil Co	Well: Sealock #1-16	Ticket: WP 3300
City, State: Hoxie KS	County: Sheridan KS	Date: 8/30/2022
Field Rep: Jason Galli	S-T-R: 16-7S27W	Service: Surface

Downhole Information	
Hole Size:	12 1/4 in
Hole Depth:	308 ft
Casing Size:	8 5/8 in
Casing Depth:	306 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	18.2 bbls

Calculated Slurry - Lead	
Blend:	H-325
Weight:	14.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.41 ft ³ / sx
Annular Bbls / Ft.:	0.0735 bbs / ft.
Depth:	306 ft
Annular Volume:	22.5 bbls
Excess:	
Total Slurry:	56.5 bbls
Total Sacks:	225 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	STAGE TOTAL BBLs	REMARKS
11:58 AM			-	-	Arrived on location
12:08 PM				-	Safety meeting
12:18 PM				-	Rigged up
3:06 PM				-	Casing on bottom
3:10 PM				-	Circulated mud
3:20 PM	3.0	100.0	5.0	5.0	Water ahead
3:21 PM	4.5	250.0	56.5	61.5	Mixed 225 sacks H-325 cement @ 14.8 ppg
3:38 PM	4.2	200.0	18.2	79.7	Begin displacement
3:43 PM		125.0		79.7	Plug down and shut in with 5 bbls cement circulated to pit
3:45 PM				79.7	Washed up and rigged down
4:15 PM				79.7	Left location

	CREW		UNIT	SUMMARY		
	Average Rate	Average Pressure		Total Fluid		
Cementer:	John		73	3.9 bpm	169 psi	80 bbls
Pump Operator:	Jose V		208			
Bulk #1:	Kale		180-250			
Bulk #2:						



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 316-303-9515

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

Invoice Date: 9/5/2022
 Invoice #: 0363080
 Lease Name: Sealock
 Well #: 1-16
 County: Sheridan, Ks
 Job Number: WP3328
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
PTA	0.000	0.000	0.00
H-Plug	255.000	14.000	3,570.00
Wooden plug 8 5/8"	1.000	175.000	175.00
Light Eq Mileage	50.000	2.000	100.00
Heavy Eq Mileage	100.000	4.000	400.00
Ton Mileage	568.000	1.500	852.00
Depth Charge 2001'-3000'	1.000	2,000.000	2,000.00
Cement Blending & Mixing	255.000	1.400	357.00
Service Supervisor	1.000	275.000	275.00

Net Invoice	7,729.00
Sales Tax:	510.54
Total	8,239.54

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.

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CEMENT TREATMENT REPORT

Customer:	Darrah Oil Co	Well:	Sealock #1-16	Ticket:	WP 3328
City, State:	Hoxie KS	County:	Sheridan KS	Date:	9/5/2022
Field Rep:	Jason Galli	S-T-R:	16-7S-27W	Service:	PTA

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	7 7/8 in	Blend:	H-Plug	Blend:	
Hole Depth:	4505 ft	Weight:	13.8 ppg	Weight:	ppg
Casing Size:	in	Water / Sx:	6.9 gal / sx	Water / Sx:	gal / sx
Casing Depth:	ft	Yield:	1.42 ft ³ / sx	Yield:	ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	0.0406 bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	2420 ft	Depth:	ft
Tool / Packer:		Annular Volume:	98.3 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	bbls	Total Slurry:	64.4 bbls	Total Slurry:	0.0 bbls
		Total Sacks:	255 sx	Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
5:40 PM			-	-	Arrived on location
5:50 PM				-	Safety meeting
6:00 PM				-	Rigged up
6:22 PM	3.0	300.0	5.0	5.0	Water ahead
6:27 PM	4.7	300.0	12.6	17.6	Mixed 50 sacks H-Plug cement 13.8 ppg @ 2420'
6:31 PM	3.0	50.0	5.0	22.6	Begin displacement
6:35 PM				22.6	Pumped mud with rig pump for 1:55 minutes
				22.6	
7:04 PM	3.0	200.0	5.0	27.6	Water ahead
7:06 PM	4.0	200.0	25.2	52.8	Mixed 100 sacks H-Plug cement 13.8 ppg @ 1600'
7:15 PM	3.0	50.0	13.2	66.0	Begin displacement
7:59 PM	3.0	150.0	5.0		Water ahead
8:01 PM	5.0	250.0	12.6		Mixed 50 sacks H-Plug cement 13.8 ppg @ 360'
8:05 PM	3.0	50.0	0.7		Begin displacement
8:24 PM	2.1	50.0	2.5		Mixed 10 sacks H-Plug cement 13.8 ppg with wooden plug for top 40'
8:28 PM	2.1	50.0	3.7		Mixed 15 sacks H-Plug cement 13.8 ppg for mouse hole plug
8:32 PM	2.1	50.0	7.5		Mixed 30 sacks H-Plug cement 13.8 ppg for rat hole plug
8:35 PM					Plug down
8:37 PM					Washed up and rigged down
9:00 PM					Left location

CREW		UNIT	SUMMARY		
Cementer:	John	73	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Jose V	208	3.2 bpm	142 psi	98 bbls
Bulk #1:	Kale	205			
Bulk #2:					



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Darrah Oil Company LLC

16-7S-27W Sheridan, KS

125 N Market Suite 1015
Wichita, KS 67202

Sealock #1-16

Job Ticket: 68960

DST#: 1

ATTN: Jarred Leis

Test Start: 2022.09.03 @ 16:01:00

GENERAL INFORMATION:

Formation: **LKC J-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:06:30

Time Test Ended: 22:04:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Nathan Aneas

Unit No: 71

Interval: 4032.00 ft (KB) To 4126.00 ft (KB) (TVD)

Reference Elevations: 2695.00 ft (KB)

Total Depth: 4126.00 ft (KB) (TVD)

2690.00 ft (CF)

Hole Diameter: 7.87 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8353

Inside

Press@RunDepth: 37.21 psig @ 4033.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.09.03

End Date: 2022.09.03

Last Calib.: 2022.09.03

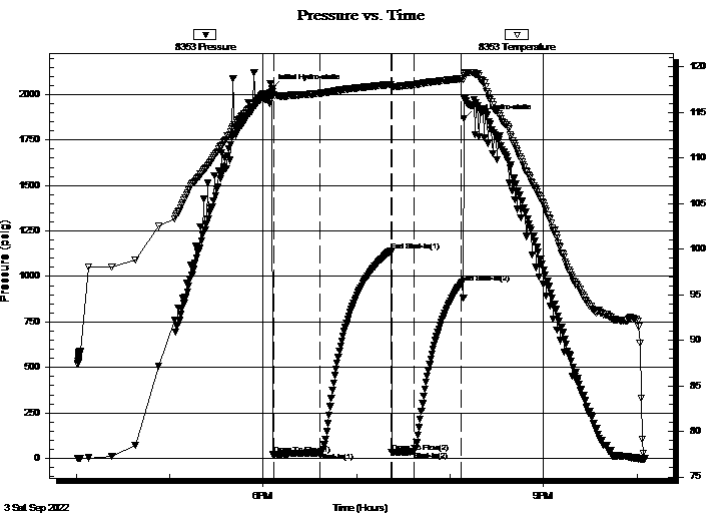
Start Time: 16:01:01

End Time: 22:04:45

Time On Btm: 2022.09.03 @ 18:05:45

Time Off Btm: 2022.09.03 @ 20:08:45

TEST COMMENT: 30:IF- Weak surface blow , built to 1/2 inch in 10 min, final is 3/4 inch
45:IS- No blow back
15:FF- No blow
30:FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2034.21	117.34	Initial Hydro-static
1	22.32	116.98	Open To Flow (1)
31	31.01	117.12	Shut-In(1)
76	1141.07	118.08	End Shut-In(1)
77	33.57	117.87	Open To Flow (2)
91	37.21	118.05	Shut-In(2)
122	964.11	118.71	End Shut-In(2)
123	1865.64	119.05	Final Hydro-static

Recovery

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

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah Oil Company LLC

16-7S-27W Sheridan, KS

125 N Market Suite 1015
Wichita, KS 67202

Sealock #1-16

Job Ticket: 68960

DST#: 1

ATTN: Jarred Leis

Test Start: 2022.09.03 @ 16:01:00

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

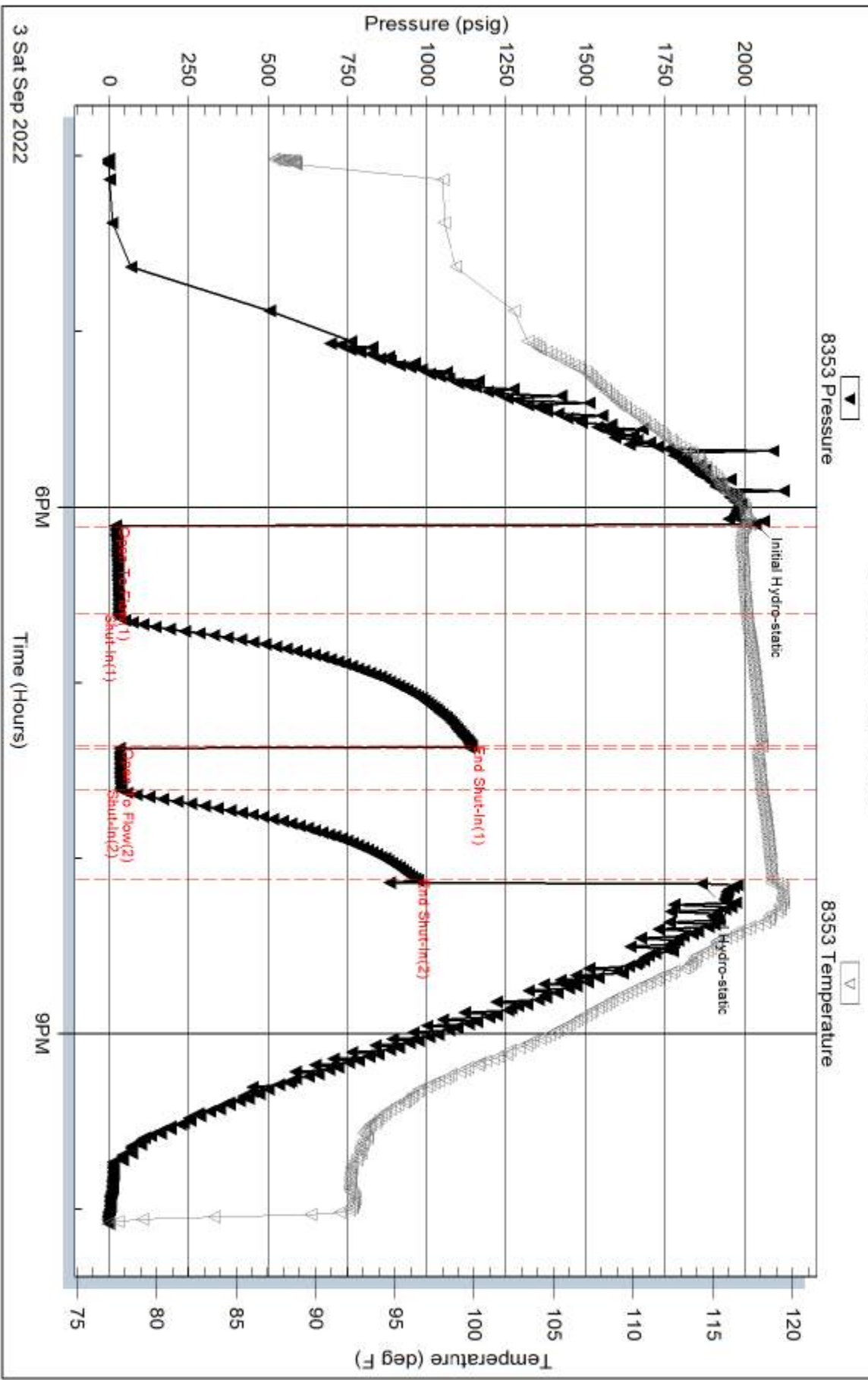
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

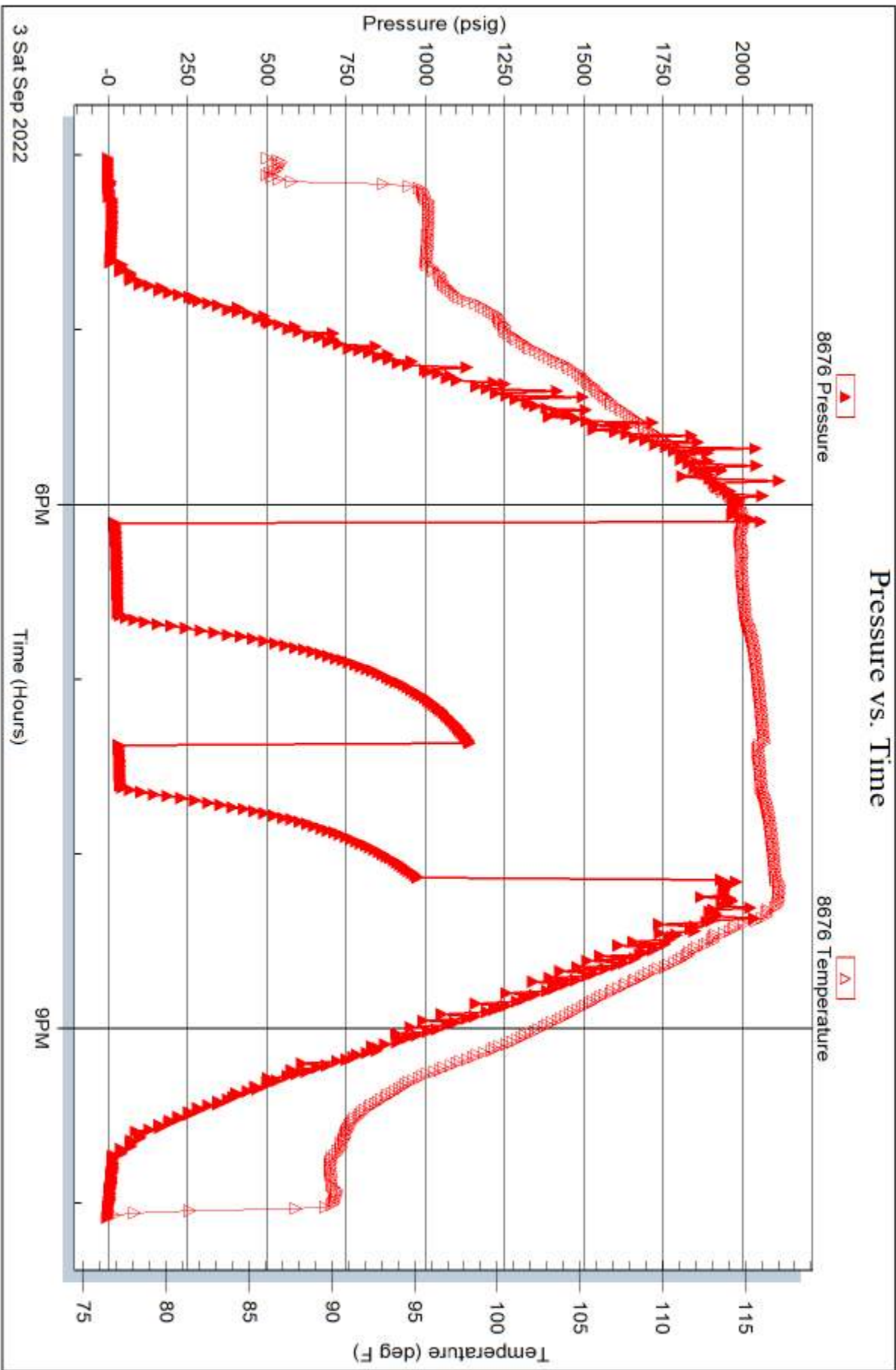


Serial #: 8676

Outside Darrah Oil Company LLC

Sealock #1-16

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68960

Printed: 2022.09.04 @ 08:03:10

James Dale Petroleum Development

Well Name
JDA-101

Well Number
JDA-101

Well Type
Production

Well Status
Active

Well Depth
5,200 m

Well Completion Date
10/15/2000

Legend - Scale 1:500 (1" = 50')

Wellbore

- Production Well
- Injection Well

Wellhead

- Production Wellhead
- Injection Wellhead

Well Path

- Production Well Path
- Injection Well Path

Well Completion

- Production Well Completion
- Injection Well Completion

Well Casing

- Production Well Casing
- Injection Well Casing

Well Cement

- Production Well Cement
- Injection Well Cement

Well Annulus

- Production Well Annulus
- Injection Well Annulus

Well Zone

- Production Well Zone
- Injection Well Zone

Well Corrosion

- Production Well Corrosion
- Injection Well Corrosion

Well Scale

- Production Well Scale
- Injection Well Scale

Well Plugging

- Production Well Plugging
- Injection Well Plugging

Well Abandonment

- Production Well Abandonment
- Injection Well Abandonment

