KOLAR Document ID: 1733628

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 # 35615
Name: Darrah Oil Company, LLC
Address 1: 125 N MARKET SUITE 1015
Address 2:
City: WICHITA State: KS Zip: 67202 + 1700
Contact Person: Cooper Seely
Phone: (316) 219-3390
CONTRACTOR: License # 34484
Name: Fossil Drilling, Inc.
Wellsite Geologist: Saman Sharifaie
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 #:

6/26/2023 Spud Date or Recompletion Date
7/1/2023 Date Reached TD
7/15/2023 Completion Date or Recompletion Date

API No.: 15-009-26397-00-00
Spot Description:
NE - NE - NW - SE Sec. 35 Twp. 20 S. R. 14 ☐ East ☑ West
2475 Feet from ☐ North / ☑ South Line of Section
1485 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barton
Lease Name: WEATHERS-GAUNT UNIT Well #: 1-35
Field Name:
Producing Formation: Arbuckle
Elevation: Ground: 1903 Kelly Bushing: 1911
Total Vertical Depth: 3550 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 346 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 974 Feet
If Alternate II completion, cement circulated from: 974
feet depth to: 0 w/ 350 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 3000 ppm Fluid volume: 50 bbls
Dewatering method used: Evaporated
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: 10/17/2023
☐ **Confidential Release Date:** 10/16/2025
☐ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** David Befort **Date:** 10/26/2023

Operator Name: Darrah Oil Company, LLC Lease Name: WEATHERS-GAUNT UNIT Well #: 1-35

Sec. 35 Twp. 20 S. R. 14 ☐ East ☑ West County: Barton

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken *(Attach Additional Sheets)*	☑ Yes	☐ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☐ Yes	☑ No
Geologist Report / Mud Logs	☑ Yes	☐ No
List All E. Logs Run:		

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

Name	Top	Datum
Heebner	3168	-1257
Toronto	3189	-1278
Lansing	3295	-1378
Muncie Creek	3418	-1507

CASING RECORD ☐ New ☑ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	349	common	325	-
Production	7.875	5.5	14	3545	60/40	150	2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

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: 8/17/2023

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

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

PRODUCTION INTERVAL:

Top	Bottom
3545	3550

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Darrah Oil Company, LLC
Well Name	WEATHERS-GAUNT UNIT 1-35
Doc ID	1733628

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	349	common	325	-
Production	7.875	5.5	14	3545	60/40	150	2%gel

COPELAND
Acid & Cement

POST OFFICE BOX 438
HAYSVILLE, KS 67060
(316) 524-1225
(316) 524-1027 FAX

BURRTON, KS
(620) 463-5161
FAX (620) 463-2104

GREAT BEND, KS
(620) 793-3366
FAX (620) 793-3536

Invoice

INVOICE NUMBER:
C60870-IN

BILL TO:
DARRAH OIL COMPANY LLC
PO BOX 2786
WICHITA, KS 67202-2786

LEASE: WEATHERS-GAUNT 1-35

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS
07/12/2023	60870		07/02/2023	WEATHERS-GAUNT 1-35	NET 30

QUANTITY	U/M	ITEM NO./DESCRIPTION	D/C	PRICE	EXTENSION
20.00	MI	MILEAGE PICKUP	0.00	4.00	80.00
20.00	MI	MILEAGE CEMENT PUMP TRUCK	0.00	6.00	120.00
1.00	EA	PUMP CHARGE LONG STRING	0.00	1,650.00	1,650.00
550.00	SK	60/40 POZ MIX 2% GEL	0.00	13.35	7,342.50
3,000.00	LB	FINE SALT	0.00	0.30	900.00
2,500.00	LB	GILSONITE	0.00	0.80	2,000.00
375.00	LB	FRICTION REDUCER C-37	0.00	4.25	1,593.75
375.00	EACH	DEFOAMER C41-P	0.00	4.00	1,500.00
125.00	LB	FLUID LOSS C-12	0.00	6.50	812.50
500.00	GAL	MUD FLUSH	0.00	1.00	500.00
5.00	EA	5 1/2" TURBO-CENTRALIZER	0.00	85.00	425.00
2.00	EA	5 1/2" BASKET	0.00	155.00	310.00
1.00	EA	LATCH DOWN PLUG & BAFFLE	0.00	175.00	175.00
1.00	EA	5 1/2" TOP PLUG	0.00	65.00	65.00
1.00	EA	DV TOOL WITH PLUG SET	0.00	2,450.00	2,450.00

Continued

COPELAND
Acid & Cement

POST OFFICE BOX 438
HAYSVILLE, KS 67060
(316) 524-1225
(316) 524-1027 FAX

BURRTON, KS
(620) 463-5161
FAX (620) 463-2104

GREAT BEND, KS
(620) 793-3366
FAX (620) 793-3536

Invoice

INVOICE NUMBER:
C60870-IN

BILL TO:
DARRAH OIL COMPANY LLC
PO BOX 2786
WICHITA, KS 67202-2786

LEASE: WEATHERS-GAUNT 1-35

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS
07/12/2023	60870		07/02/2023	WEATHERS-GAUNT 1-35	NET 30

QUANTITY	U/M	ITEM NO./DESCRIPTION	D/C	PRICE	EXTENSION
679.00	EA	BULK CHARGE	0.00	1.25	848.75
448.14	MI	BULK TRUCK - TON MILES	0.00	1.10	492.95

REMIT TO:
P.O. BOX 438
HAYSVILLE, KS 67060

RECEIVED BY

COP

FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.

NET 30 DAYS

Net Invoice:	21,265.45
BATCO Sales Tax:	1,557.41
Invoice Total:	**22,822.86**

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days pas

COPELAND Acid & Cement

FIELD ORDER N° C 60870

BOX 438 - HAYSVILLE, KANSAS 67060
316-524-1225

DATE 2-Jul 20 23

IS AUTHORIZED BY: DARRAH OIL
(NAME OF CUSTOMER)

Address _____ City _____ State KS

TO TREAT WELL
AS FOLLOWS Lease WEATHERS-GAUNT Well No. 1-35 Customer Order No. _____

Sec. Twp.
Range _____ County BARTON State KS

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED
BEFORE WORK IS COMMENCED _____ By _____
Well Owner or Operator Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
20.0001	20	Mileage P.U.	$4.00	$80.00
20.0002	20	Mileage P.T.	$6.00	$120.00
20.0007	1	Pump Charge Long String	$1,650.00	$1,650.00
20.1002	550	60/40 Poz 2% Gel	$13.35	$7,342.50
20.1015	3000	Fine Salt per lb.	$0.30	$900.00
20.1016	2500	Gilsonite per lb.	$0.80	$2,000.00
20.101	375	C-37 per lb. Friction Reducer	$4.25	$1,593.75
20.1008	375	C-41P per lb. Defoamer	$4.00	$1,500.00
20.1009	125	C-12 per lb. Fluid Loss	$6.50	$812.50
20.1018	500	Mud Flush per gal	$1.00	$500.00
20.2002	5	5 1/2" Turbo-Centralizer	$85.00	$425.00
20.2006	2	5 1/2" Basket	$155.00	$310.00
20.2009	1	Latch Down Plug & Baffle	$175.00	$175.00
20.2019	1	5 1/2" Top Plug	$65.00	$65.00
20.2015	1	DV Tool with Plug Set	$2,450.00	$2,450.00
20.0011	679	Bulk Charge	$1.25	$848.75
20.0012	448.14	Bulk Truck Miles	$1.10	$492.95
		Process License Fee on Gallons		
		TOTAL BILLING		$21,265.45

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner,operator or his agent, whose signature appears below.

Copeland Representative GREG C.

Station GB COOPER
Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS

COPELAND Acid & Cement

TREATMENT REPORT

Acid Stage No. _____

Date 7/2/2023 District GB F.O. No. C60870

Company DARRAH OIL

Well Name & No. WEATHERS-GAUNT 1-35

Location _____ Field _____

County BARTON State KS

Casing: Size 5 1/2 Type & Wt. _____ Set at _____ ft.

Formation: _____ Perf. _____ to _____

Formation: _____ Perf. _____ to _____

Formation: _____ Perf. _____ to _____

Liner: Size _____ Type & Wt _____ Top at _____ ft Bottom at _____ ft.

Cemented: Yes Perforated from _____ ft. to _____ ft.

Tubing: Size & Wt. _____ Swung at _____ ft.

Perforated from _____ ft. to _____ ft.

Open Hole Size _____ T.D. _____ ft. P.B. to _____ ft.

Type Treatment:	Amt.		Type Fluid	Sand Size
Bkdown		Bbl./Gal.		
		Bbl./Gal.		
		Bbl./Gal.		
		Bbl./Gal.		
Flush		Bbl./Gal.		

Treated from _____ ft. to _____ ft. No. ft. _____

from _____ ft. to _____ ft. No. ft. _____

from _____ ft. to _____ ft. No. ft. _____

Actual Volume of Oil / Water to Load Hole: _____

Pump Trucks. No. Used: Std. 365 Sp. _____ Twin _____

Auxiliary Equipment 327

Personnel GREG CLARENCE JOE

Auxiliary Tools _____

Plugging or Sealing Materials: Type 60/40 2% POZ 5#/SK GIL 6#/SK SALT 3/4

Gals. _____

Company Representative COOPER Treater GREG C.

TIME	PRESSURES		Total Fluid Pumped	REMARKS
a.m./p.m.	Tubing	Casing		
7:00				ON LOCATION
				PIPE TD 3537.32' INSERT TD: 3499'
				PUMP 500 GALS MUD FLUSH
				PLUG RATHOLE WITH 30 SKS, PLUG MOUSEHOLE WITH 20 SKS
				MIX 150 SKS
				RINSE PUMP AND LINE OUT
				DISPLACE WITH 87 BBLS H2O
				PLUG LANDED AND HELD
				OPEN DV TOOL, CIRCULATE FOR 2 HOURS
				MIX 350 SKS
				RINSE PUMP AND LINE OUT
				DISPLACE WITH 24 BBLS H2O
				PLUG LANDED AND HELD
				CEMENT CIRCULATED TO SURFACE
4:45				JOB COMPLETE
				THANK YOU!!!

COPELAND
Acid & Cement

POST OFFICE BOX 438
HAYSVILLE, KS 67060
(316) 524-1225
(316) 524-1027 FAX

BURRTON, KS (620) 463-5161 FAX (620) 463-2104
GREAT BEND, KS (620) 793-3366 FAX (620) 793-3536

Invoice

INVOICE NUMBER:
C80142-IN

BILL TO:
DARRAH OIL COMPANY LLC
PO BOX 2786
WICHITA, KS 67202-2786

LEASE: **WEATHERS-GAUNT UNIT**

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS
06/27/2023	80142		06/26/2023	WEATHERS-GAUNT UNIT	NET 30

QUANTITY	U/M	ITEM NO./DESCRIPTION	D/C	PRICE	EXTENSION
20.00	MI	MILEAGE PICKUP	0.00	4.00	80.00
20.00	MI	MILEAGE CEMENT PUMP TRUCK	0.00	6.00	120.00
1.00	EA	PUMP CHARGE SURFACE	0.00	1,150.00	1,150.00
325.00	SK	COMMON CEMENT	0.00	16.75	5,443.75
18.00	SK	CALCIUM CHLORIDE	0.00	42.00	756.00
343.00	EA	BULK CHARGE	0.00	1.25	428.75
157.00	MI	BULK TRUCK - TON MILES	0.00	1.10	172.70

REMIT TO:
P.O. BOX 438
HAYSVILLE, KS 67060

RECEIVED BY

COP

FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.

NET 30 DAYS

Net Invoice:	8,151.20
BATCO Sales Tax:	611.34
Invoice Total:	**8,762.54**

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days pas

COPELAND Acid & Cement

BOX 438 - HAYSVILLE, KANSAS 67060
316-524-1225

FIELD ORDER N° C 80142

DATE 26-Jun 20 22

IS AUTHORIZED BY: Darrah Oil Company
(NAME OF CUSTOMER)

Address _____ City _____ State KS

TO TREAT WELL
AS FOLLOWS Lease Weathers-Gaunt Unit Well No. _____ Customer Order No. _____

Sec. Twp.
Range _____ County Barton State KS

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED
BEFORE WORK IS COMMENCED _____ By _____
Well Owner or Operator Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
20.0001	20	Mileage P.U.	$4.00	$80.00
20.0002	20	Mileage P.T.	$6.00	$120.00
20.0005	1	Pump Charge Surface	$1,150.00	$1,150.00
20.1001	325	Common Cement Sack	$16.75	$5,443.75
20.1012	18	Calcium Chloride per 50 lb.	$42.00	$756.00
20.0011	343	Bulk Charge	$1.25	$428.75
20.0012	157	Bulk Truck Miles	$1.10	$172.70
		Process License Fee on Gallons		
		TOTAL BILLING		$8,151.20

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner,operator or his agent, whose signature appears below.

Copeland Representative Joe S.

Station GB

_____
Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS

COPELAND Acid & Cement

TREATMENT REPORT

Acid Stage No. _____

Date 6/26/2023 District GB F.O. No. 80142

Company Darrah Oil Company

Well Name & No. Weathers-Gaunt

Location _____ Field _____

County Barton Co State KS

Casing: Size 8 5/8 Type & Wt. _____ Set at 350 ft.

Formation: _____ Perf. _____ to _____

Formation: _____ Perf. _____ to _____

Formation: _____ Perf. _____ to _____

Liner: Size _____ Type & Wt. _____ Top at _____ ft. Bottom at _____ ft.

Cemented: Yes Perforated from _____ ft. to _____ ft.

Tubing: Size & Wt. _____ Swung at _____ ft.

Perforated from _____ ft. to _____ ft.

Open Hole Size _____ T.D. _____ ft. P.B. to _____ ft.

Type Treatment	Amt.		Type Fluid	Sand Size	Pounds of Sand
Bkdown		Bbl./Gal.			
		Bbl./Gal.			
		Bbl./Gal.			
		Bbl./Gal.			
Flush		Bbl./Gal.			

Treated from _____ ft. to _____ ft. No. ft. 0

from _____ ft. to _____ ft. No. ft. 0

from _____ ft. to _____ ft. No. ft. 0

Actual Volume of Oil / Water to Load Hole: _____ Bbl./Gal.

Pump Trucks. No. Used: Std. _____ Sp. _____ Twin _____

Auxiliary Equipment 365,327,355

Personnel Joe S. Curtis H. Tim D. Chris L

Auxiliary Tools _____

Plugging or Sealing Materials: Type Common 3% CC

_____ Gals. _____ lb.

Company Representative _____ Treater Joe S.

TIME	PRESSURES		Total Fluid Pumped	REMARKS
a.m./p.m.	Tubing	Casing		
9:30				On Location
				Set Surface Pipe at 349'
				Break Circulation With Mud
				Break Circulation with pump trk and Pump 325 SKS Common 3% CC
				Displace down to 334' with fresh water
1:00				Job Complete

DRILL STEM TEST REPORT

Darrah Oil

125 N Market Suite 1015
Wichita KS 67202

ATTN: Saman Sharifaie

35-20S-14W/Barton

WeatherGauntUnit1-35

Job Ticket: 65046 **DST#: 1**

Test Start: 2023.07.01 @ 00:31:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:54:30
Time Test Ended: 08:58:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Richie Samora
Unit No: 66

Interval: 3515.00 ft (KB) To 3550.00 ft (KB) (TVD)
Total Depth: 3550.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

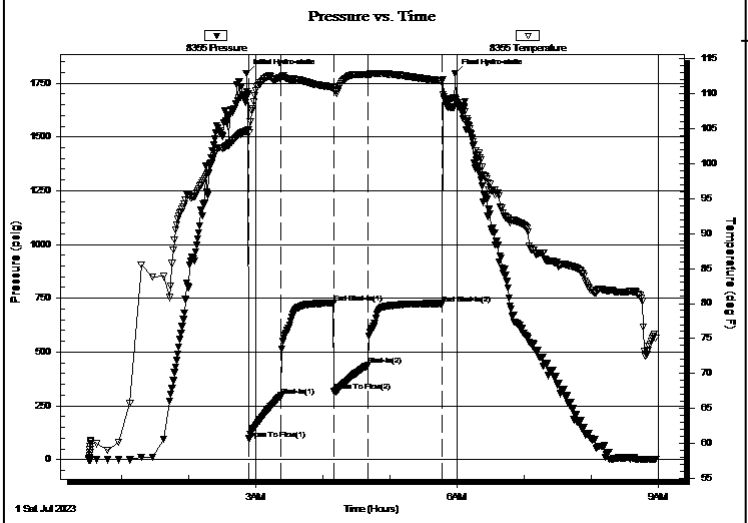
Reference Elevations: 2001.00 ft (KB)
1993.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8355

Press@RunDepth: 438.61 psig @ ft (KB)
Start Date: 2023.07.01 End Date: 2023.07.01
Start Time: 00:31:05 End Time: 08:57:59

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2023.07.01 @ 02:52:00
Time Off Btm: 2023.07.01 @ 05:58:30

TEST COMMENT: 30-IF: Strong blow BOB in 3 minutes Built to 94"
45-ISI: No blow back
30-FF: Strong blow BOB in 7 minutes Built to 50"
60-FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1795.32	104.58	Initial Hydro-static
3	96.28	104.37	Open To Flow (1)
31	296.90	112.26	Shut-In(1)
78	728.53	110.84	End Shut-In(1)
79	318.08	110.56	Open To Flow (2)
109	438.61	112.63	Shut-In(2)
175	725.80	111.77	End Shut-In(2)
187	1795.02	109.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
220.00	SWMCGO 1%W 4%G 35%M 60%O	2.01
1050.00	CGO 15%G 5%M 80%O	14.73
150.00	GIP 100%G	2.10

Gas Rates

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

DRILL STEM TEST REPORT

Darrah Oil

125 N Market Suite 1015
Wichita KS 67202

ATTN: Saman Sharifaie

35-20S-14W/Barton

WeatherGauntUnit1-35

Job Ticket: 65046 **DST#: 1**

Test Start: 2023.07.01 @ 00:31:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:54:30
Time Test Ended: 08:58:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Richie Samora
Unit No: 66

Interval: 3515.00 ft (KB) To 3550.00 ft (KB) (TVD)
Total Depth: 3550.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

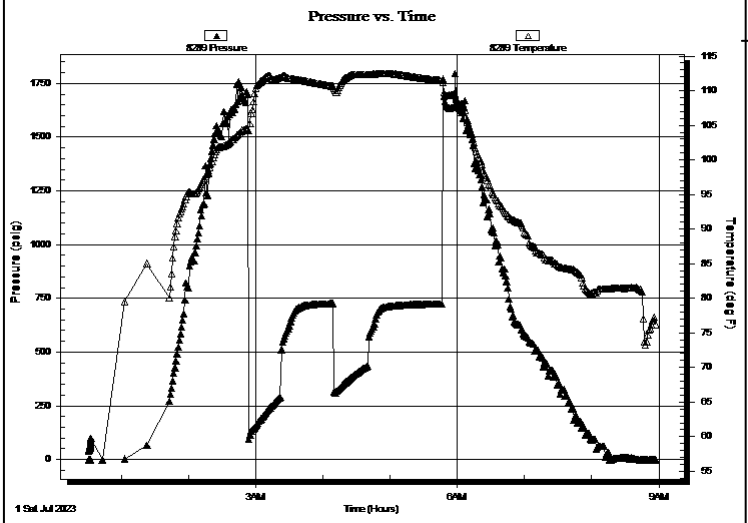
Reference Elevations: 2001.00 ft (KB)
1993.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8289

Press@RunDepth: psig @ ft (KB)
Start Date: 2023.07.01 End Date: 2023.07.01
Start Time: 00:31:01 End Time: 08:57:30

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF: Strong blow BOB in 3 minutes Built to 94"
45-ISI: No blow back
30-FF: Strong blow BOB in 7 minutes Built to 50"
60-FSI: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
220.00	SWMCGO 1%W 4%G 35%M 60%O	2.01
1050.00	CGO 15%G 5%M 80%O	14.73
150.00	GIP 100%G	2.10

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah Oil

125 N Market Suite 1015
Wichita KS 67202

ATTN: Saman Sharifaie

35-20S-14W/Barton

WeatherGauntUnit1-35

Job Ticket: 65046 **DST#: 1**

Test Start: 2023.07.01 @ 00:31:00

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:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

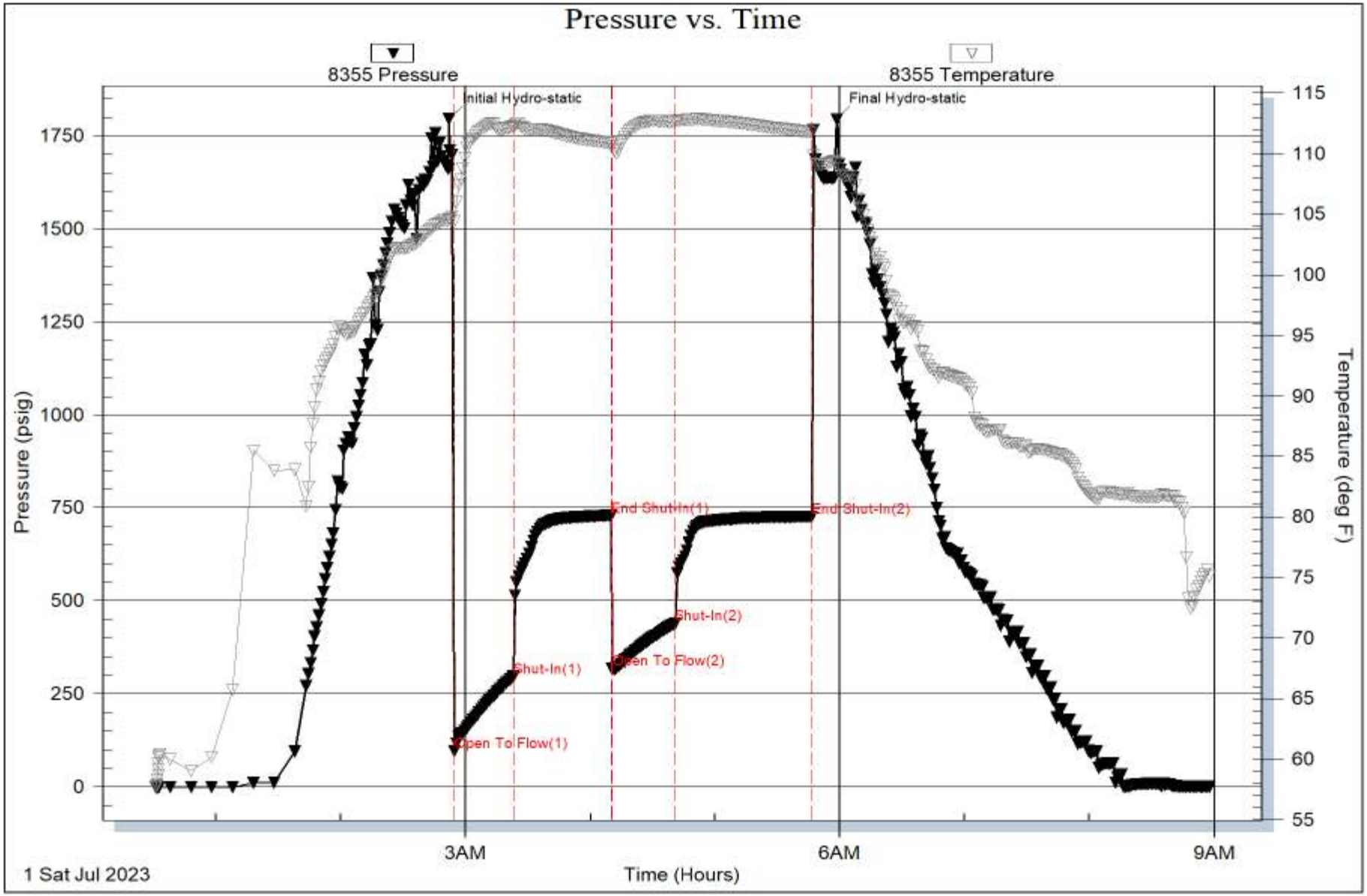
Recovery Table

Length ft	Description	Volume bbl
220.00	SWMCGO 1%W 4%G 35%M 60%O	2.011
1050.00	CGO 15%G 5%M 80%O	14.729
150.00	GIP 100%G	2.104

Total Length: 1420.00 ft Total Volume: 18.844 bbl

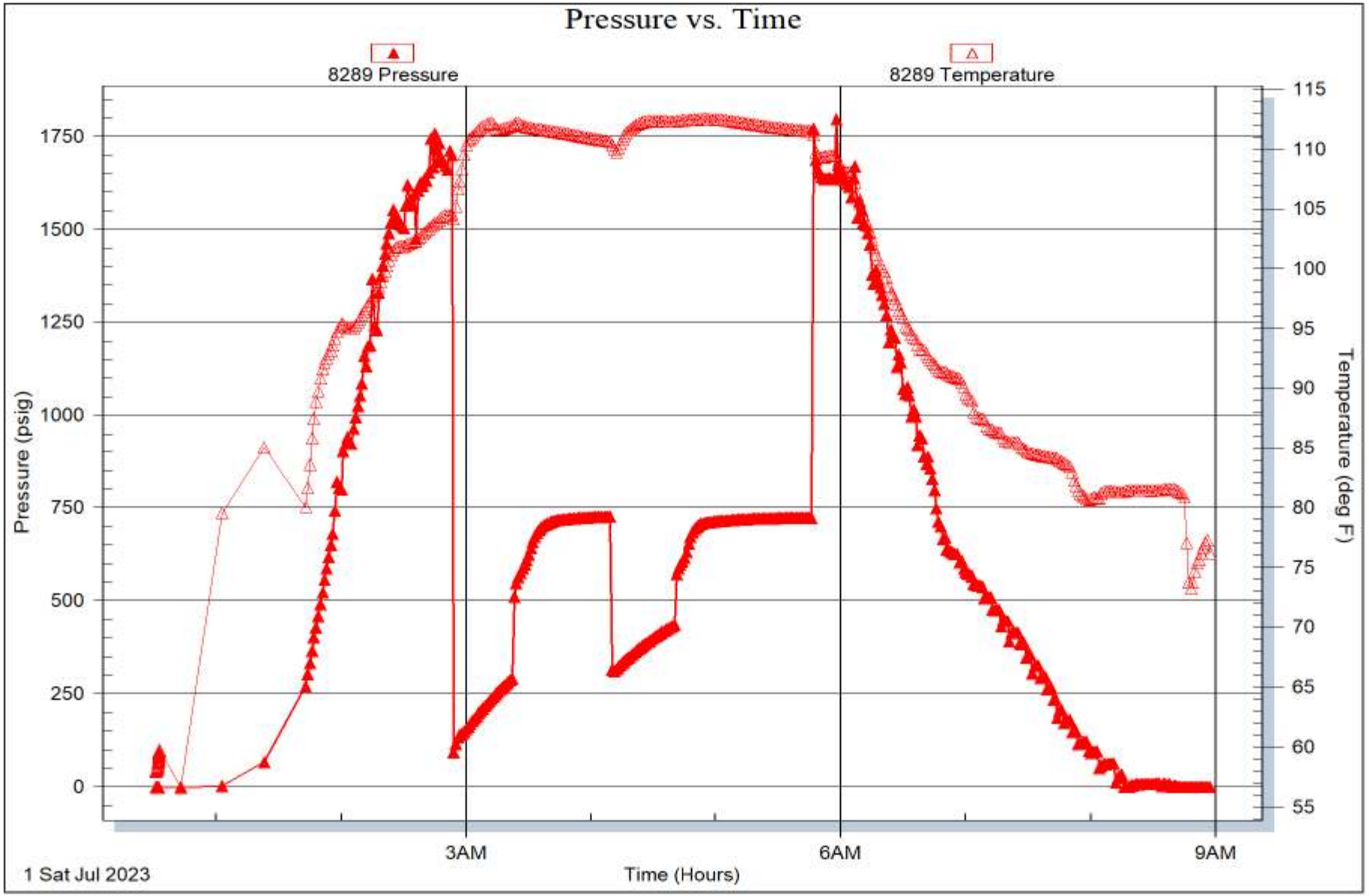
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8355 Darrah Oil WeatherGauntUnit1-35 DST Test Number: 1

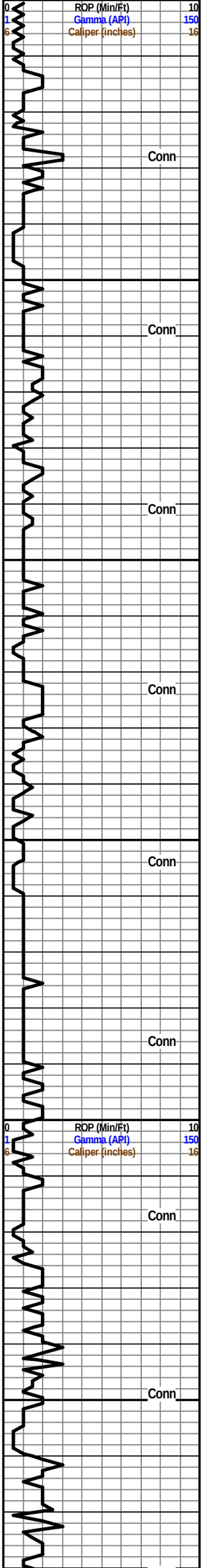


Trilobite Testing, Inc Ref. No: 65046 Printed: 2023.07.01 @ 10:40:16

Serial #: 8289 Darrah Oil WeatherGauntUnit1-35 DST Test Number: 1

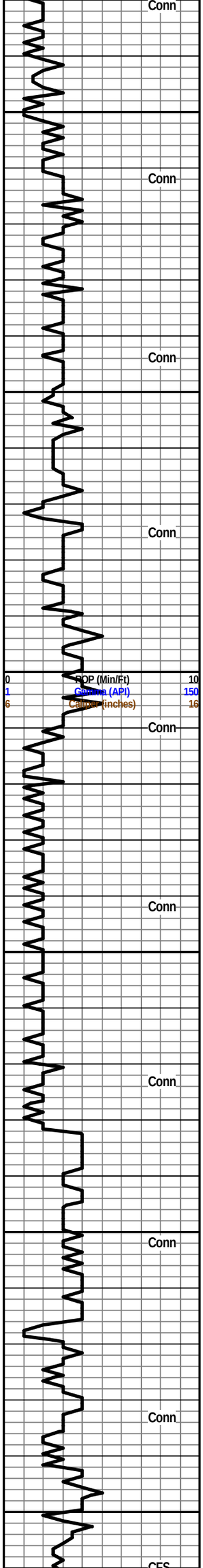


Trilobite Testing, Inc Ref. No: 65046 Printed: 2023.07.01 @ 10:40:16



Oread 3078 (-1161)

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



Ls., crm/tan/lt gry, mott IP, fn xln, foss, pr-fr intpart & xln por, dns/hd to brit, calc IP, Tr dolc, Tr pyr, shly IP, n/s

Ls., crm/tan, vf-fn xln, foss IP, intbdd gry Ool, no-pr vis por, dns to sub-chky, sbang, n/s

Ls., crm/tan/wht, vf xln, Tr foss, no-pr vis por, dns to sub-chky, calc IP, sbang to sli blky, n/s

Ls., a.a, vf-fn xln, Tr chty

Ls., crm/bm/lt gry, Tr mott, vf-fn xln, foss IP, pr pp intpart & xln por, dns to sub-chky, calc IP, n/s

Ls., a.a, incr tan/bm

Heebner 3168 (-1257)

Sh., blk carb

Ls., crm/tan/bm/lt gry, micr-fn xln, foss IP, no-pr vis por, dns to sub-chky, hd to brit calc IP, n/s

Sh., gry/lt gn/blk carb, fiss IP, pyrc IP

Toronto 3189 (-1278)

Ls., crm/bm/lt gry, micr-fn xln, Tr foss, pr pp intpart & xln por, dns to sub-chky, calc IP, scat wht Cht, n/s

Ls., a.a, pred crm, incr abund calc pcs, trip Cht

Sh., gry/lt gn/bm, Tr gmy

Sh., gry, fiss IP, pyrc IP

Sh., gry/lt gn, slty to sndy IP, pyrc IP

Sh., gry/dk omg, calc, pyrc, slty to gmy

Sh., gry/lt gn/bm, pred slty to sndy, calc, Tr gmy

Sh., gry, slty, pyrc

Ls., crm/tan/bm, micr-vf xln, foss IP, no-pr vis por, dns, hd to brit, calc, chty IP, n/s

Lansing 3295 (-1378)

Ls., crm, vf xln, foss IP, Tr pr pp intpart por, pred NVP, dns to sub-chky, hd to brit, Tr bm ptchy stn, spkld to sptd, lt pt sat, try IP, rr G Bubls, Tr irid pp FO bld, v fnt odr, VSSFO

Ls., crm/tan/bm, micr-fn xln, Tr foss, no-pr vis por, dns, calc IP, sbang to blky, n/s

Sh., gry/lt gn/varic, slty IP

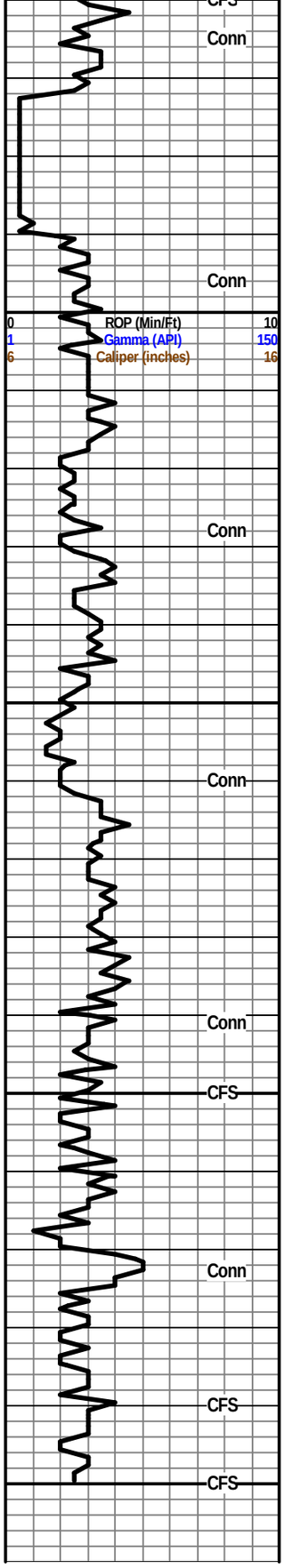
Ls., crm, vf-fn xln, foss IP, Tr Oolc, pr pp intfoss por, dns to sub-chky, calc cmt, chty, Tr med bm/blk stn, spkld to sptd, lt pt sat, rr irid pps FO, no odr, VSSFO

Ls., a.a, decr Shw & por abund, no odr, NSFO

Ls., crm/wht/tan, micr-fn xln, foss IP, pr pp intfoss & xln por, Tr micr vugs, dns to sub-chky, hd to brit, scat med bm/blk ptchy stn, spkld IP, lt-mod pt sat, try to gils IP, slw bld irid pp FO & G Bubls, fr odr, SSFO

Sh., gry/blk, sli carb, gmy IP

Pipe Strap @ 3113': 2.94' Short to Board
Deviation Survey: 3/4°



Ls., crm/bm/lt gry, micr-fn xln, foss lP, pr pp intfoss por, dns/hd to brit, sub-chky lP, scat Cht, Tr dk bm/blk sptd stn, lt pt sat, try to gils lP, Tr irid pps FO, dl yl min flour, fnt odr, VSSFO

Ls., tan/crm/bm, fn xln, foss, fr-gd intOolc & vug por, pt dns to sub-chky, fri, calc lP, Tr pyrc, scat dk bm stn, ptchy lP, mod sat, fr amt pps FO, irid OCW, abund G Bubls, gsy odr, S-FSFO

Ls., crm/tan/bm/gry, micr-fn xln, foss lP, pr intpart & xln por, dns to sub-chky, calc lP, chty lP, Tr dk bm/blk sptd stn, lt pt sat, fnt odr, NSFO

Ls., bm/tan/crm, sing, vf xln, foss lP, no-pr vis por, dns to sub-chky, blky to sbang, n/s

Muncie Creek 3418 (-1507)

Sh., gry/lt gn/blk carb

Ls., crm/tan/gry/bm, sing, fn xln, foss lP, Tr pr intpart & gran por, pt dns to sub-chky, shly lP, Tr med bm intfoss stn, sub-sat, v fnt odr, NSFO

Ls., crm/tan/bm, mott lP, fn xln, foss, pr intpart & xln por, gran lP, calc, sbang to blky, shly lP, n/s

Ls., crm/lt gry/tan, sing, fn xln, Tr pr-fr intfoss por, dns/hd to brit, calc, Tr Cht, Tr dk bm/blk ptchy stn, sptd to spkld, gils to try lP, v fnt odr, NSFO

Ls., tan/crm/bm, sing, fn xln, foss lP, pr intpart & xln por, dns to chky, hd to brit, n/s

Ls., crm/tan, sing, vf-fn xln, foss lP, pr-fr intpart & xln por, pt dns to chky, sbang to blky, chty lP, Tr dk bm/blk ptchy stn, sptd to spkld, lt-mod pt sat, gils lP, Tr irid FO bld, no odr, VSSFO

Ls., crm/tan/lt gry, sing, vf-fn xln, Tr foss, no-pr vis por, dns to sub-chky, calc lP, sbang, rr dk bm spkld stn, lt pt sat, no odr, NSFO

Ls., crm/bm, mott lP, vf-fn xln, foss/Oolc lP, no-pr vis por, dns to sub-chky, calc lP, n/s

Sh., gry/bm/varic, slty, pt dns, pyrc lP

Sh., gry/lt gn/bm/varic, pt dns, calc lP, brit to sft

Ls., tan/crm/bm, fn xln, pr-fr intxln por, Tr gd Oolc por, dns to brit, scat dolc pcs w/ med bm sptd stn, lt-mod sat, slw bld pp FO, irid lP, Tr G Bubls, fr gsy odr, FSFO

Dol., tan/crm, vf-med xln, suc txt, fr-gd intgran & intOolc por, pt dns to sub-chky, fri to sli argil, Lmy lP, fr amt med-dk bm sptd stn, lt-mod sat, scat pp FO & G Bubls, irid OCW, bri yl fluor, gd cut, gd odr, F-GSFO

Andy's Mud @ 3395'
Wt: 8.7
Vis: 53
Wl: 8.2
Chl: 5,000
LCM: 2.5#

Andy's Mud @ 3550'
Wt: 8.7
Vis: 54
Wl: 7.6
Chl: 6,500
LCM: 3#

Deviation Survey @ 3550': 3/4°