

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	McCoy Petroleum Corporation
Well Name	DEBUHR "A" 1-9
Doc ID	1648159

All Electric Logs Run

ELI: Dual Induction
ELI: Compensated Neutron-Density
ELI: Microlog
ELI: Sonic

Form	ACO1 - Well Completion
Operator	McCoy Petroleum Corporation
Well Name	DEBUHR "A" 1-9
Doc ID	1648159

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	4216	4224	RBP Retrievable Bridge Plug	4230	Arbuckle "E"
4	4187	4194	RBP Retrievable Bridge Plug	4198	Arbuckle "D"
4	4164	4170	RBP Retrievable Bridge Plug	4175	Arbuckle "C"
4	4154	4158	RBP Retrievable Bridge Plug	4163	Arbuckle "C"
4	4109	4119	CIBP Cast Iron Bridge Plug	4145	Arbuckle "A"
4	4109	4119	CIBP Cast Iron Bridge Plug	4145	RePerf Arbuckle "A" after squeezing same zone.



Additional ACO-1 Information

McCoy Petroleum Corporation  
 DeBUHR "A" #1-9  
 Sample and Log Tops for ACO-1

SAMPLE TOPS

McCoy Petroleum Corp.  
 DeBuhr 'A" #1-9  
 N2 NE SW  
 2310'FSL & 1980'FWL  
 Sec 9-34s-1e  
 KB: 1194'

	Depth	Datum
Heebner	2294	-1100
Iatan	2594	-1400
Stalnaker Sand	2651	-1457
Stalnaker Base	2736	-1542
Lansing (Lignite)	3034	-1840
Upper Layton Sand	3055	-1861
Lower Layton Sand	3088	-1894
Stark Shale	3236	-2042
Marmaton	3392	-2198
Altamont	3435	-2241
Cherokee Shale	3521	-2327
Ardmore Shale	3577	-2383
Miss Chert	3679	-2485
Woodford Shale	3980	-2786
Simpson Sand	4016	-2822
Arbuckle	4126	-2932
RTD	4265	-3071

LOG TOPS Structure Compared To:

McCoy Petroleum Corp.  
 DeBuhr 'A" #1-9  
 N2 NE SW  
 2310'FSL & 1980'FWL  
 Sec 9-34s-1e  
 KB: 1194'

	Depth	Datum
Heebner	2292	-1098
Iatan	2594	-1400
Stalnaker Sand	2629	-1435
Stalnaker Base	2735	-1541
Lansing (Lignite)	3034	-1840
Upper Layton Sand	3048	-1854
Lower Layton Sand	3087	-1893
Stark Shale	3236	-2042
Marmaton	3388	-2194
Altamont	3429	-2235
Cherokee Shale	3521	-2327
Ardmore Shale	3577	-2383
Miss Chert	3678	-2484
Woodford Shale	3982	-2788
Simpson Sand	4015	-2821
Arbuckle	4108	-2914
LTD	4263	-3069



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

McCoy Petroleum Corp

**9 14 1E**

9342 e Central  
Wichita, KS

**DEBUHR A1-9**

Job Ticket: 68628

**DST#: 1**

ATTN: Evan Stone

Test Start: 2022.04.02 @ 05:45:00

## GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:39:15

Time Test Ended: 18:09:00

Test Type: Conventional Bottom Hole (Initial)

Tester: terry

Unit No: 75

**Interval: 4008.00 ft (KB) To 4025.00 ft (KB) (TVD)**

Reference Elevations: 1194.00 ft (KB)

Total Depth: 4025.00 ft (KB) (TVD)

1182.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 8368**

**Inside**

Press@RunDepth: 1370.85 psig @ 4009.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.04.02

End Date:

2022.04.02

Last Calib.: 1899.12.30

Start Time: 05:45:05

End Time:

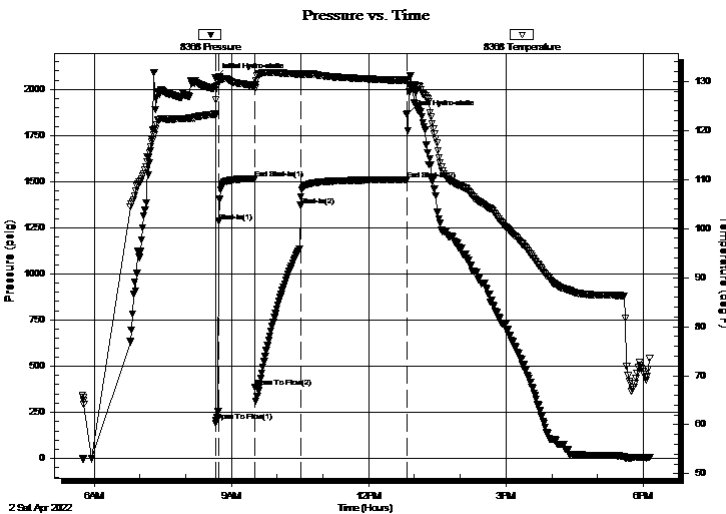
18:09:00

Time On Btm: 2022.04.02 @ 08:39:00

Time Off Btm: 2022.04.02 @ 12:49:45

TEST COMMENT: if 3 32 inches  
isi 45 no return  
ff 60 350 inches  
fsi 120 20 inches

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2060.66	123.38	Initial Hydro-static
1	203.21	122.98	Open To Flow (1)
5	1283.96	130.74	Shut-In(1)
52	1515.84	129.24	End Shut-In(1)
53	386.63	128.61	Open To Flow (2)
112	1370.85	131.56	Shut-In(2)
251	1510.66	130.18	End Shut-In(2)
251	1860.73	130.35	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	40% oil 40% water 20 %mud	0.30
120.00	60 %water 40 %mud	0.59
2160.00	100% water	30.71

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McCoy Petroleum Corp

**9 14 1E**

9342 e Central  
Wichita,KS

**DEBUHR A1-9**

Job Ticket: 68628

**DST#: 1**

ATTN: Evan Stone

Test Start: 2022.04.02 @ 05:45:00

### 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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.00 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	40% oil 40% water 20 %mud	0.295
120.00	60 %water 40 %mud	0.590
2160.00	100% water	30.706

Total Length: 2340.00 ft      Total Volume: 31.591 bbl

Num Fluid Samples: 0

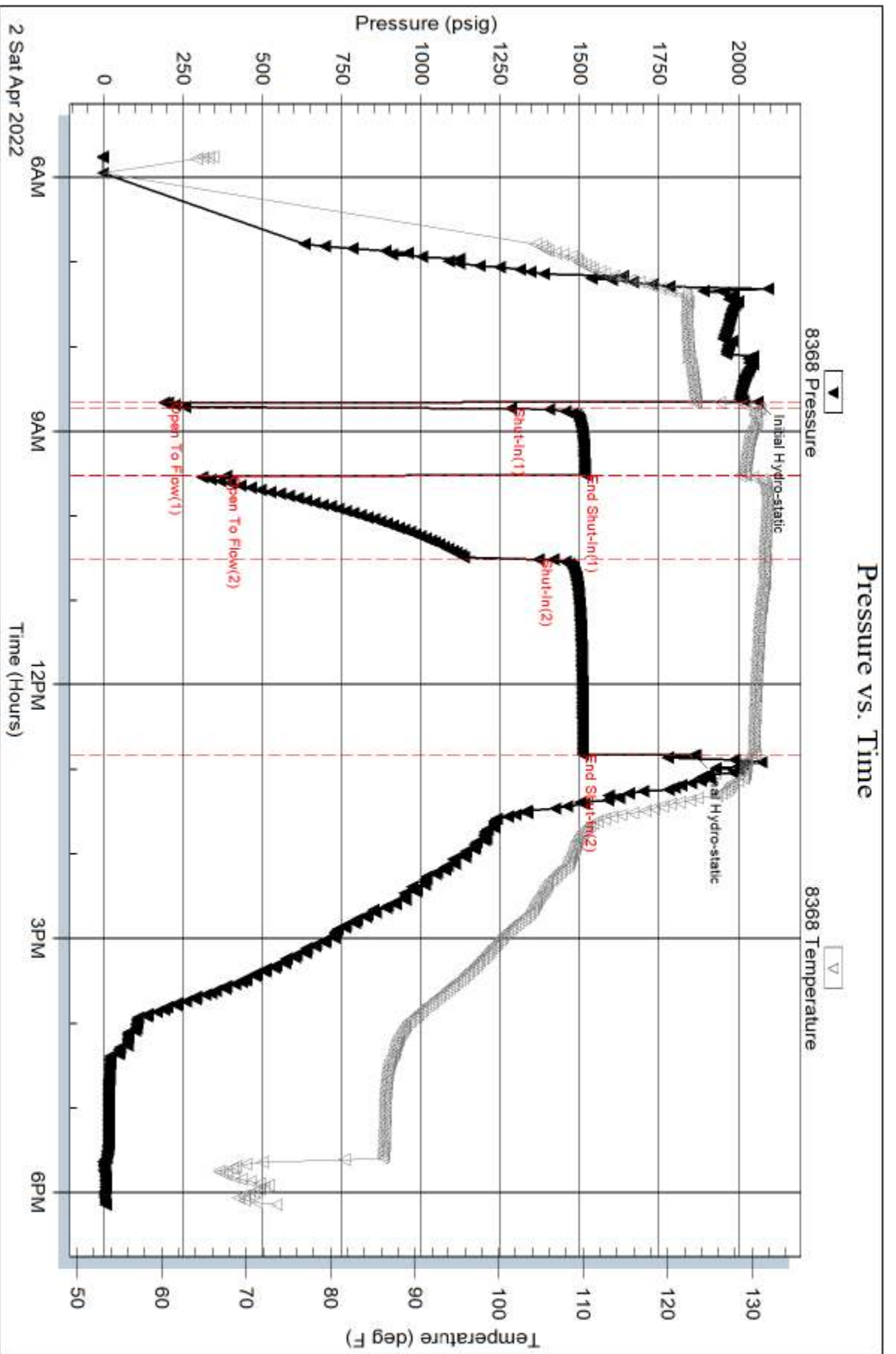
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

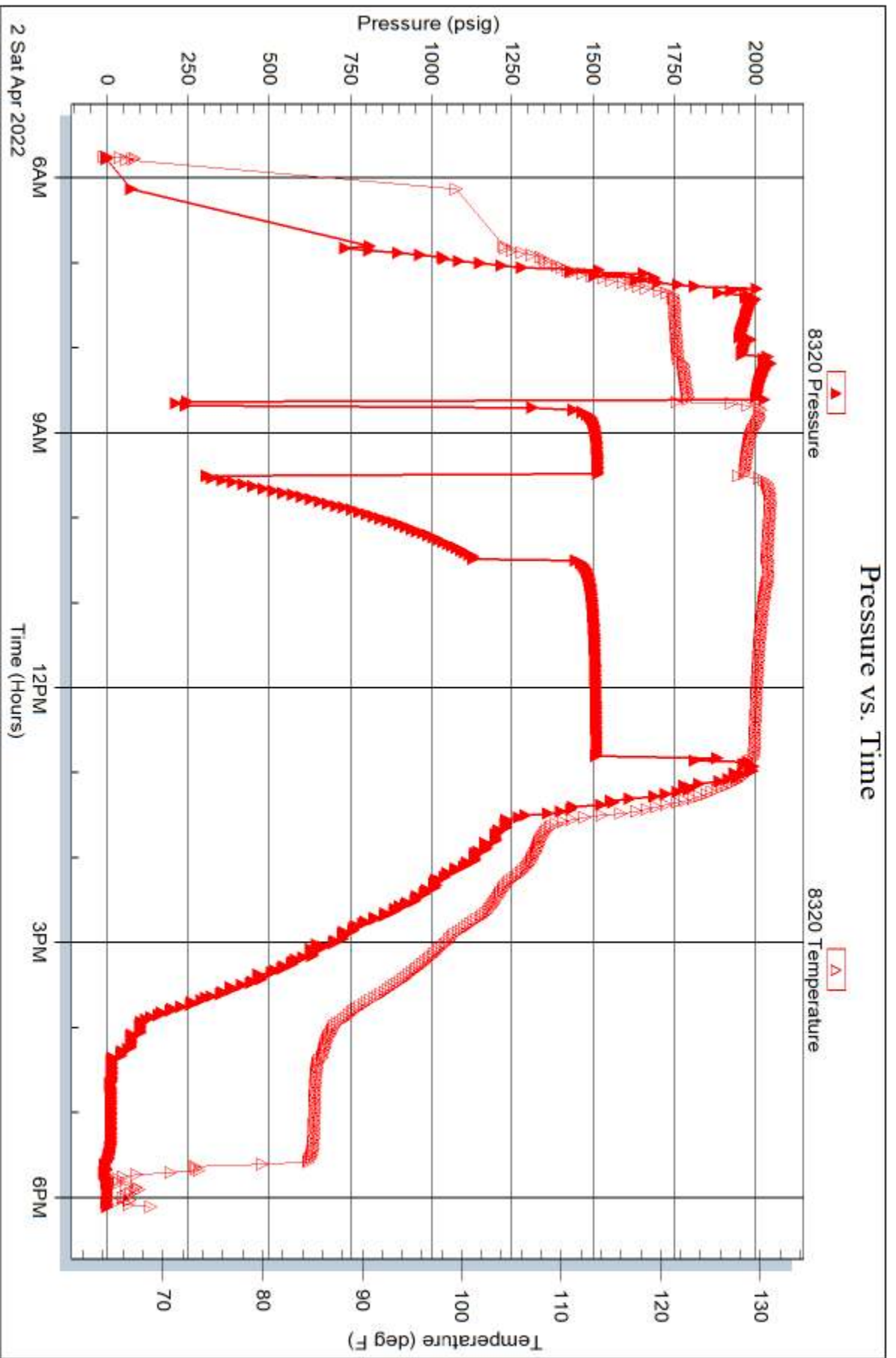


Serial #: 8320

Outside McCoy Petroleum Corp

DEBUHRA1-9

DST Test Number: 1





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

McCoy Petroleum Corp  
9342 e Central  
ATTN: Evan STONE

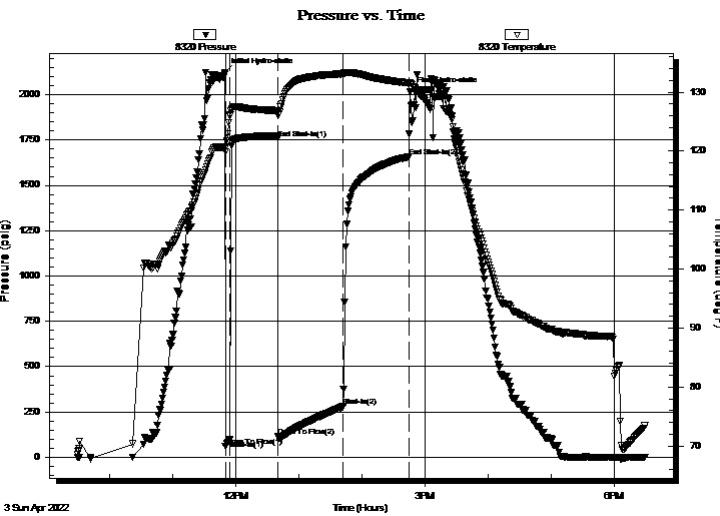
**9 14 1E**  
**DEBUHR A1-9**  
Job Ticket: 68629      **DST#: 2**  
Test Start: 2022.04.03 @ 09:30:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No    Whipstock:                      ft (KB)      Test Type: Conventional Bottom Hole (Reset)  
Time Tool Opened: 11:50:15      Tester: terry  
Time Test Ended: 18:29:15      Unit No: 75  
**Interval: 4128.00 ft (KB) To 4145.00 ft (KB) (TVD)**      Reference Elevations: 1194.00 ft (KB)  
Total Depth: 4025.00 ft (KB) (TVD)      1182.00 ft (CF)  
Hole Diameter:                      inches    Hole Condition: Fair      KB to GR/CF: 12.00 ft

**Serial #: 8320      Outside**  
Press@RunDepth: 280.14 psig @ 4129.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2022.04.03      End Date: 2022.04.03      Last Calib.: 1899.12.30  
Start Time: 09:30:05      End Time: 18:29:15      Time On Btm: 2022.04.03 @ 11:50:00  
Time Off Btm: 2022.04.03 @ 14:45:45

TEST COMMENT: i60 -f 3 - 11 inches  
isi 45 no return  
ff- 60 - 46 inches  
fsi 60 no return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2122.91	120.74	Initial Hydro-static
1	58.34	119.87	Open To Flow (1)
5	95.81	126.20	Shut-In(1)
51	1760.34	126.88	End Shut-In(1)
51	114.98	126.18	Open To Flow (2)
113	280.14	133.08	Shut-In(2)
175	1656.80	131.56	End Shut-In(2)
176	2014.51	131.64	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
300.00	100% w ater	2.59
60.00	10%oil 30% w ater60% mud	0.85
240.00	oil 100%	3.42

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McCoy Petroleum Corp

**9 14 1E**

9342 e Central

**DEBUHR A1-9**

Job Ticket: 68629

**DST#: 2**

ATTN: Evan STONE

Test Start: 2022.04.03 @ 09:30:00

### 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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.00 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	100% water	2.586
60.00	10%oil 30% water60% mud	0.855
240.00	oil 100%	3.420

Total Length: 600.00 ft      Total Volume: 6.861 bbl

Num Fluid Samples: 0

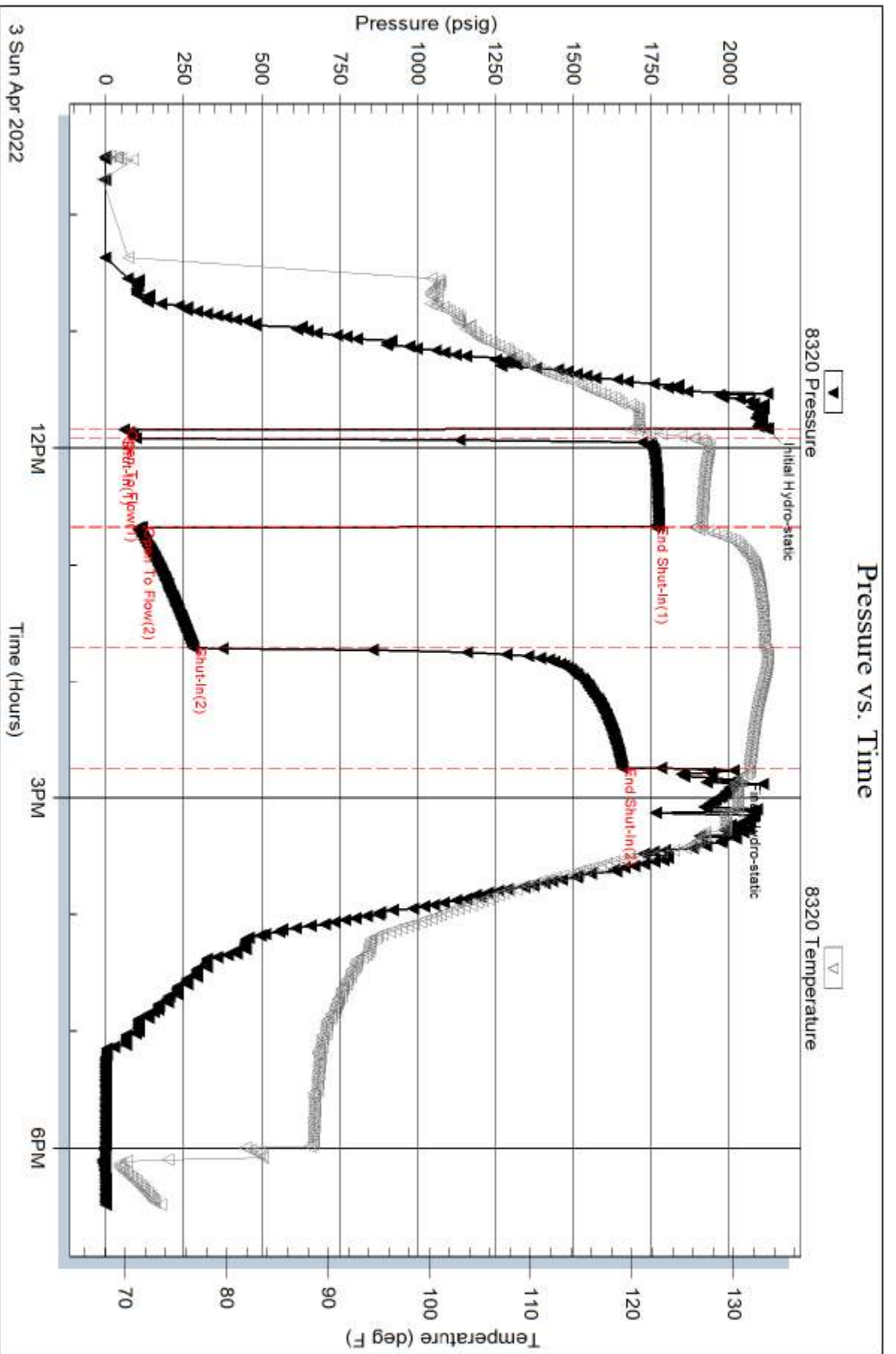
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



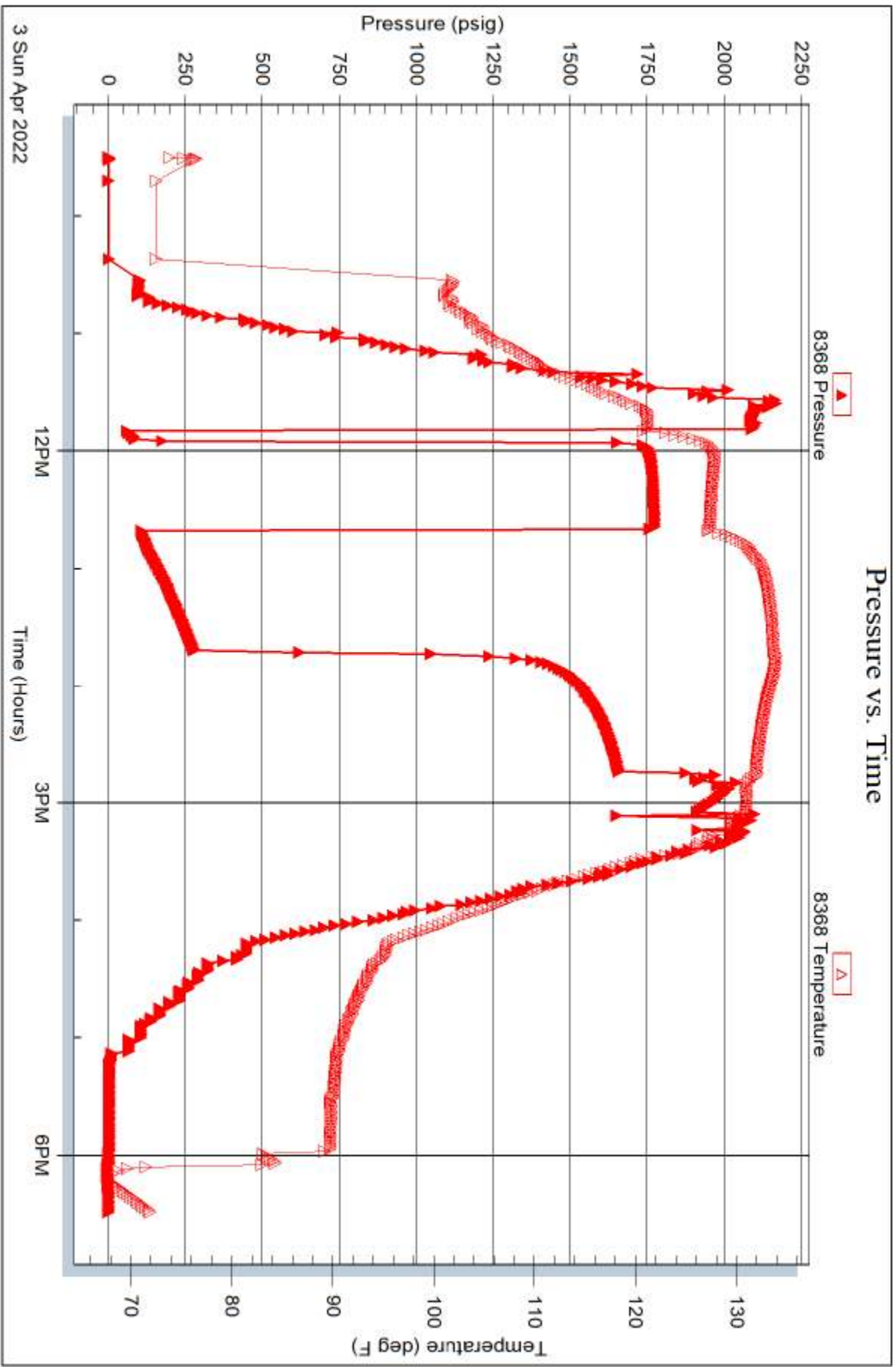
Serial #: 8368

Inside

McCoy Petroleum Corp

DEBURA1-9

DST Test Number: 2







**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

McCoy Petroleum Corp

**9 14 1E**

9342 E Central  
Wichita KS 67206

**DeBuhr A1-9**

Job Ticket: 68639

**DST#: 3**

ATTN: Evan Stone

Test Start: 2022.04.04 @ 19:45:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:41:15

Time Test Ended: 09:34:00

Test Type: Conventional Straddle (Reset)

Tester: Terry

Unit No: 75

**Interval: 4108.00 ft (KB) To 4126.00 ft (KB) (TVD)**

Reference Elevations: 1194.00 ft (KB)

Total Depth: 4025.00 ft (KB) (TVD)

1182.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 8368 Inside**

Press@RunDepth: 1142.46 psig @ 4109.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.04.04

End Date:

2022.04.05

Last Calib.: 1899.12.30

Start Time: 19:45:05

End Time:

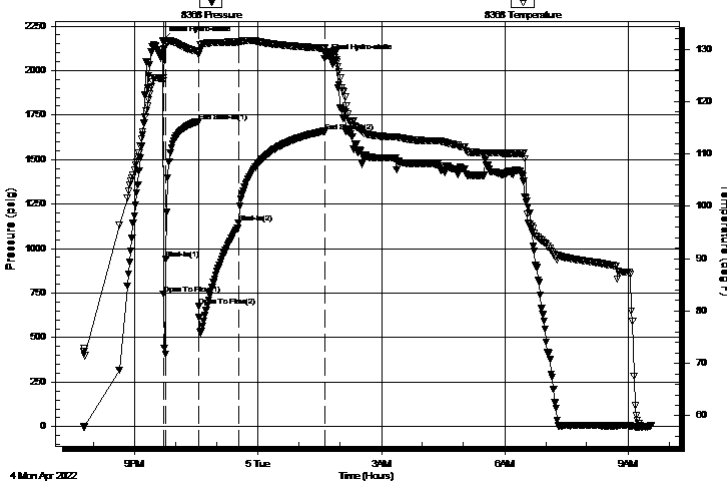
09:34:00

Time On Btm: 2022.04.04 @ 21:41:00

Time Off Btm: 2022.04.05 @ 01:37:00

TEST COMMENT: ff 3 -100 inches  
isi 45-32 inches  
ff 60 -375 inches  
fsi 120 -156 inches

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2169.43	124.43	Initial Hydro-static
1	745.76	123.95	Open To Flow (1)
5	942.11	130.80	Shut-In(1)
52	1714.61	129.54	End Shut-In(1)
53	674.52	128.93	Open To Flow (2)
111	1142.46	131.34	Shut-In(2)
236	1659.42	130.18	End Shut-In(2)
236	2066.85	130.32	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2580.00	100 % oil	35.08

## Gas Rates

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

\* Recovery from multiple tests







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McCoy Petroleum Corp

**9 14 1E**

9342 E Central  
Wichita KS 67206

**DeBuhr A1-9**

Job Ticket: 68639

**DST#: 3**

ATTN: Evan Stone

Test Start: 2022.04.04 @ 19:45:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.00 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2580.00	100 % oil	35.075

Total Length: 2580.00 ft      Total Volume: 35.075 bbl

Num Fluid Samples: 0

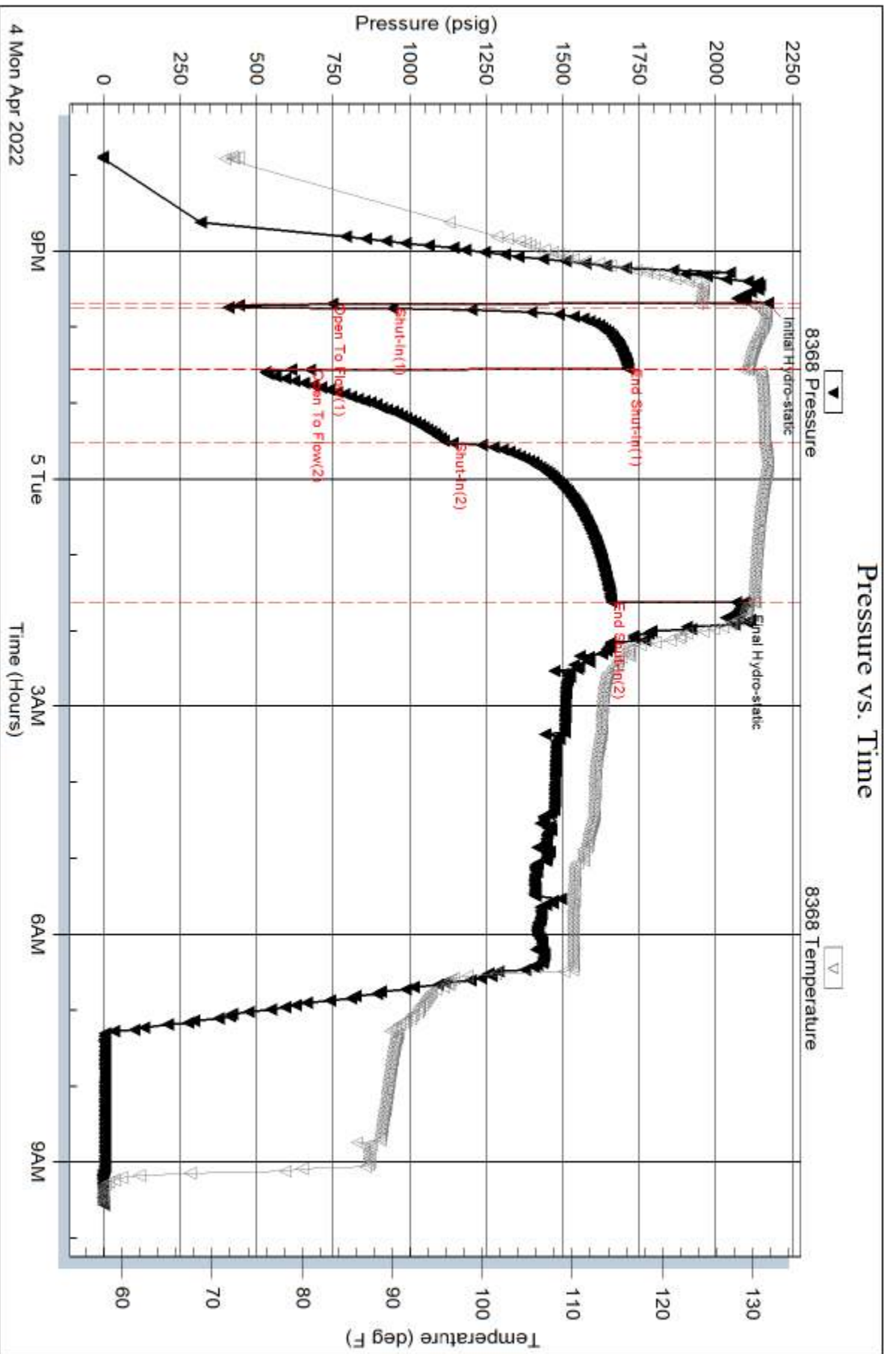
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

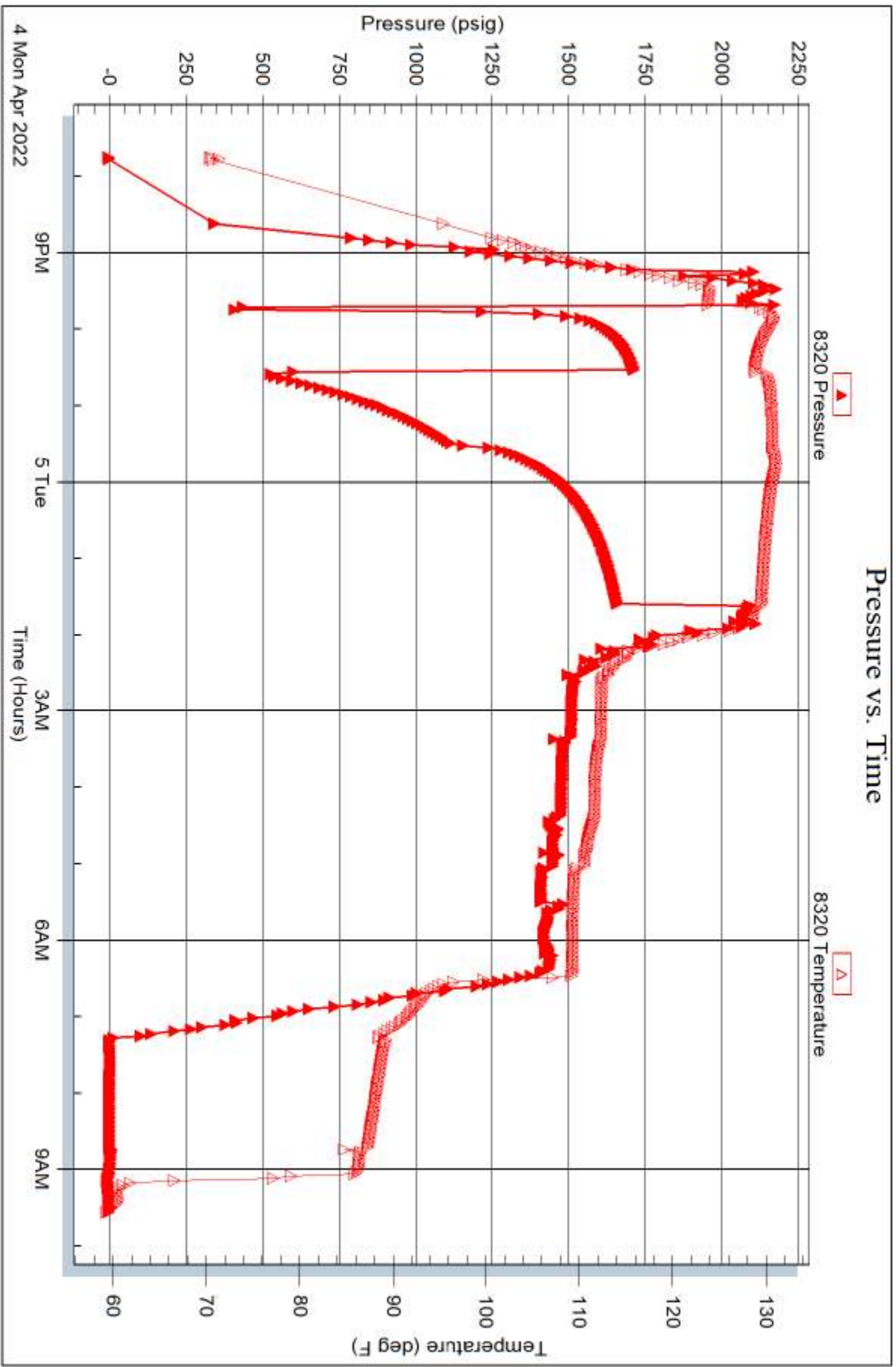


Serial #: 8320

Outside McCoy Petroleum Corp

DeBurr A1-9

DST Test Number: 3







**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

McCoy Petroleum Corp

**9-14S-1E Sumner, KS**

9342 E Central  
Wichita KS 67206

**DeBuhr 1-9**

Job Ticket: 68631

**DST#: 4**

ATTN: Evan Stone

Test Start: 2022.04.05 @ 11:45:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:53:15

Time Test Ended: 21:25:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Terry

Unit No: 75

**Interval: 4152.00 ft (KB) To 4170.00 ft (KB) (TVD)**

Reference Elevations: 1194.00 ft (KB)

Total Depth: 4263.00 ft (KB) (TVD)

1182.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 8320 Outside**

Press@RunDepth: 72.64 psig @ 4153.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.04.05 End Date: 2022.04.05

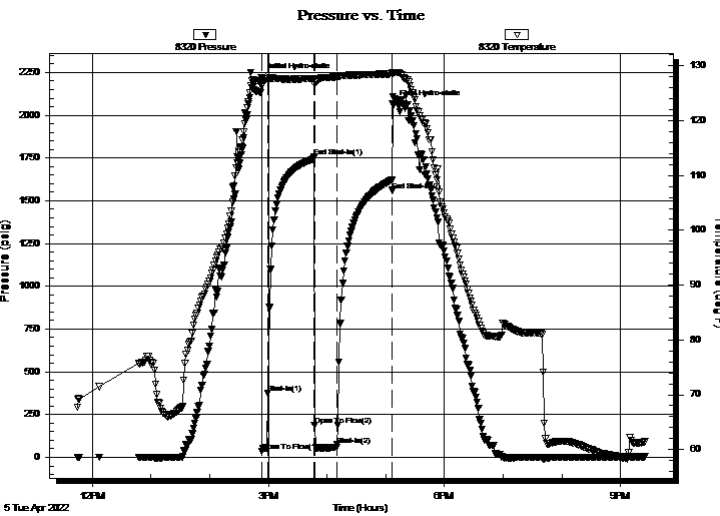
Last Calib.: 2022.04.06

Start Time: 11:45:05 End Time: 21:25:15

Time On Btm: 2022.04.05 @ 14:53:00

Time Off Btm: 2022.04.05 @ 17:07:00

TEST COMMENT: if -6 -3 inches  
isi -45 -no return  
ff- 15 -no return  
fsi -60 - no return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2217.50	127.21	Initial Hydro-static
1	36.15	126.28	Open To Flow (1)
7	373.24	127.66	Shut-In(1)
54	1755.28	127.74	End Shut-In(1)
55	189.20	126.62	Open To Flow (2)
78	72.64	128.00	Shut-In(2)
134	1560.46	128.51	End Shut-In(2)
134	2064.02	128.78	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
70.00	osm	0.34

\* Recovery from multiple tests

## Gas Rates

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









**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McCoy Petroleum Corp

**9-14S-1E Sumner,KS**

9342 E Central  
Wichita KS 67206

**DeBuhr 1-9**

Job Ticket: 68631

**DST#: 4**

ATTN: Evan Stone

Test Start: 2022.04.05 @ 11:45:00

### 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:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	osm	0.344

Total Length: 70.00 ft      Total Volume: 0.344 bbl

Num Fluid Samples: 0

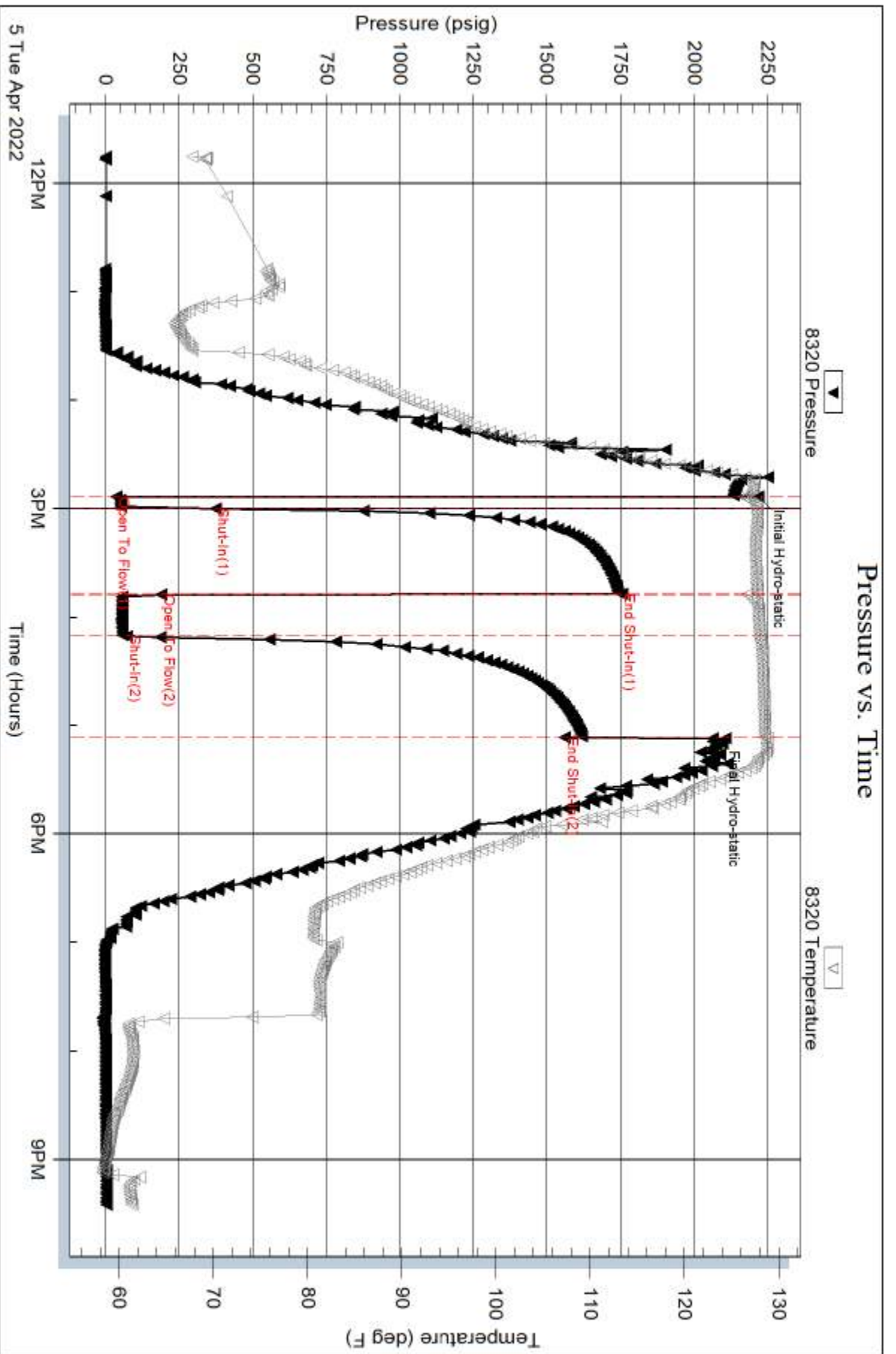
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



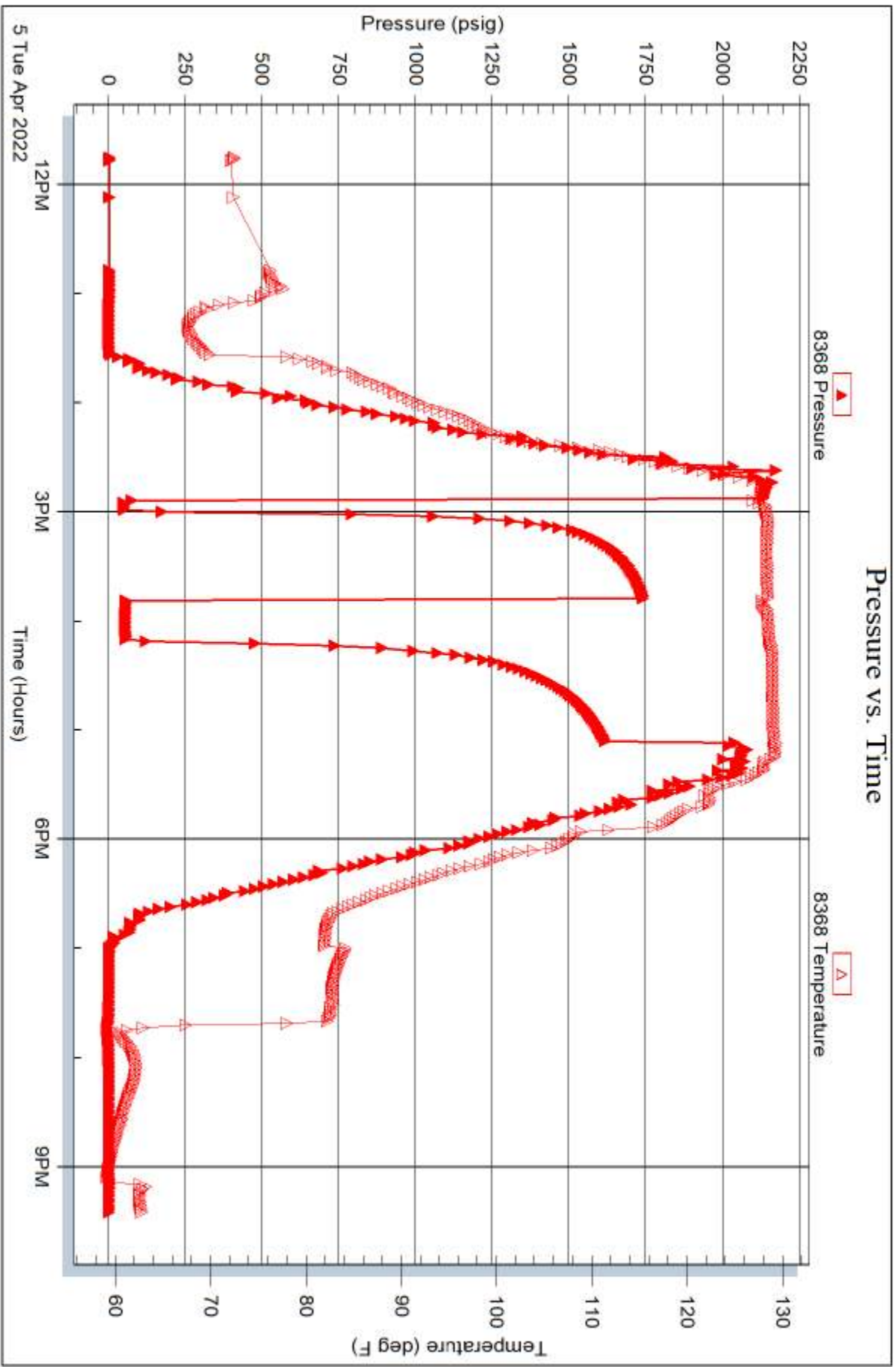
Serial #: 8368

Inside

McCoy Petroleum Corp

DeBuhr 1-9

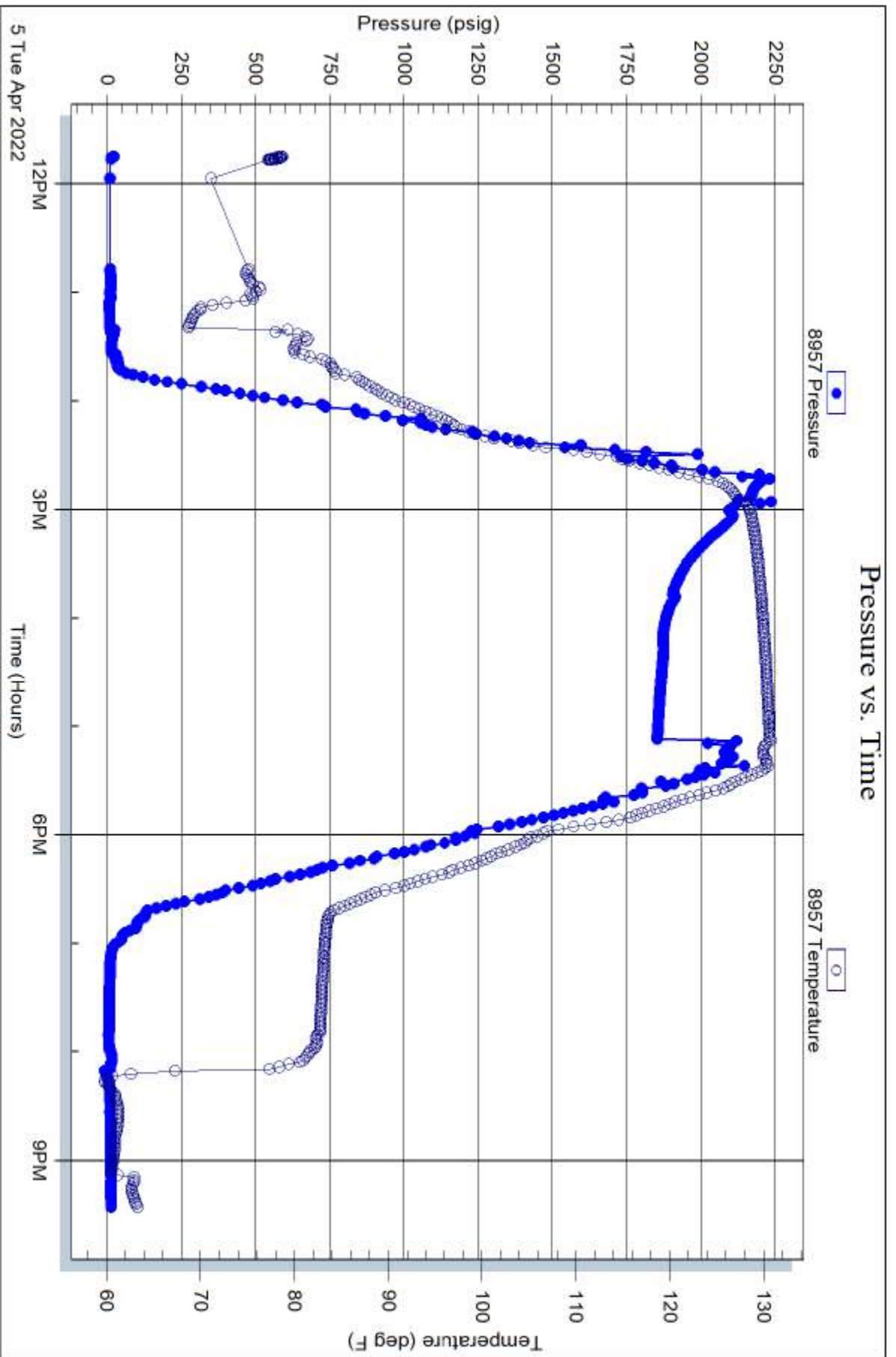
DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 68631

Printed: 2022.04.06 @ 10:09:47





Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: DeBuhr "A" 1-9  
API: 15-191-22,843-00-00  
Location: N/2-NE-SW  
License Number: 5003 (KCC)  
Spud Date: 03/29/2022  
Surface Coordinates: 2310' FSL & 1980' FWL SEC. 9 - T. 34 S. - 1 E.  
Region: Sumner  
Drilling Completed: 04/04/2022

Bottom Hole  
Coordinates:  
Ground Elevation (ft): 1182'                      K.B. Elevation (ft): 1194'  
Logged Interval (ft): 260'                      To: 4261'                      Total Depth (ft): 4265'  
Formation: Arbuckle  
Type of Drilling Fluid: Chemical/Polymer/Gel With Mud Displacement at: 2600'

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

**OPERATOR**

Company: McCoy Petroleum Corporation  
Address: 9342 E. Central  
Wichita, KS 67206

**GEOLOGIST**

Name: David P. Williams, P.G., KSBTP #88  
Company: DW ENERGY, LLC (DWE)  
Address: 312 N. BROADVIEW STREET  
WICHITA, KANSAS 67208

**CASING AND DEVIATION SURVEY'S:**

8 5/8" SURFACE CASING SET AT 260' & CEMENTED WITH 250 SACKS 60/40 POS CEMENT, 3% CACL2, 2% GEL, 1/4# FLOW SEAL, ELITE CEMENTING.

5 1/2" PRODUCTION CASING SET AT 4260' & CEMENTED.

DEVIATION SURVEYS: @ 243' = .75 DEGREE; @ 742' = .75 DEGREE; @ 1241' = .75 DEGREE; @ 1773' = 1.25 DEGREES; @ 2202' = 1.25 DEGREES; @ 2641' = 1.25 DEGREES; @ 3234' = 1 DEGREE; @ 3794' = 1.75 DEGREES; @ 4025' = 1 DEGREE; @ 4145' = 0.25 DEGREE.






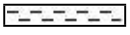

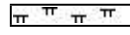
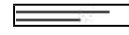
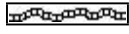




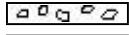
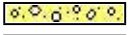






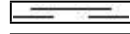
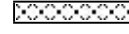



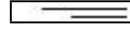
## Comments

After review of all geologic samples as examined, structural correlation to offsetting prior drilled wells combined with the positive results from the drill stem tests taken with hydrocarbons encountered and from analysis of the electric logs analysis, it was determined by all parties that this well appears to be commercial and production casing should be set and cemented in place.

Respectfully submitted,

David P. Williams, P, G, Kansas #88

## ROCK TYPES

 Anhy	 Clyst	 Gry sh	 Mrlst	 Shgy
 Bent	 Coal	 Gyp	 Red sh	 Sltst
 Brec	 Congl	 Igne	 Salt	 Ss
 Carb sh	 Dol	 Lmst	 Shale	 Till
 Cht	 Grn sh	 Meta	 Shcol	

### Qualifiers: CARBONATE CLASSIFICATION: AFTER DUNHAM:

**GRAIN;** any fossil, fossil fragment, sand grain, or other rock fragment within the rock.

**MUDSTONE;** muddy carbonate rocks containing < (less than 10%) grains.

**WACKSTONE;** mud supported carbonate rocks with > (more than 10%) grains.

**PACKSTONE;** grain supported muddy carbonate rocks.

**GRAINSTONE;** mud free carbonate rock, grain supported.

**BOUNDSTONE;** carbonate rock bound together at deposition (coral, etc.).


















































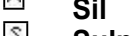
























**CRYSTALLINE CARBONATE;** carbonate rock retaining to little of their depositional texture to be classified.

Qualifiers; (Fossils, Minerals, Shows, Porosity, etc.)

Rare = < (less than 1%) of sample total.

Trace = < (less than 5%) of sample total, > (greater than 5%) an estimate of total percentage.

## ACCESSORIES

<b>MINERAL</b>	 Gry shale	<b>FOSSIL</b>	 Pelec
 Anhy	 Gyp	 Algae	 Pellet
 Arggrn	 Hvymin	 Amph	 Pisolite
 Arg	 Kaol	 Belm	 Plant
 Bent	 Marl	 Bioclst	 Strom
 Bit	 Minxl	 Brach	
 Brecfrag	 Nodule	 Bryozoa	<b>STRINGER</b>
 Calc	 Phos	 Cephal	 Anhy
 Carb	 Pyr	 Coral	 Arg
 Chtdk	 Red shale	 Crin	 Bent
 Chtlt	 Salt	 Echin	 Coal
 Dol	 Sandy	 Fish	 Dol
 Feldspar	 Silt	 Foram	 Gyp
 Ferrpel	 Sil	 Fossil	 Ls
 Ferr	 Sulphur	 Gastro	 Mrst
 Glau	 Tuff	 Oolite	 Sltstrg
 Grn sh		 Ostra	 Ssstrg
			<b>TEXTURE</b>
			 Boundst
			 Chalky
			 Cryxln
			 Earthy
			 Finexln
			 Grainst
			 Lithogr
			 Microxln
			 Mudst
			 Packst
			 Wackest

**OTHER SYMBOLS**

- POROSITY**
- ∅
  - E
  - 
  - F
  - ⊗
  - ⊗
  - ⊗

- ▬ Carb sh
- ⊞ Pinpoint
- ⊞ Vuggy

- SORTING**
- ⊞ Well
  - ⊞ Moderate
  - ⊞ Poor

- ROUNDING**
- ⊞ Rounded
  - ⊞ Subrnd
  - ⊞ Subang
  - ⊞ Angular

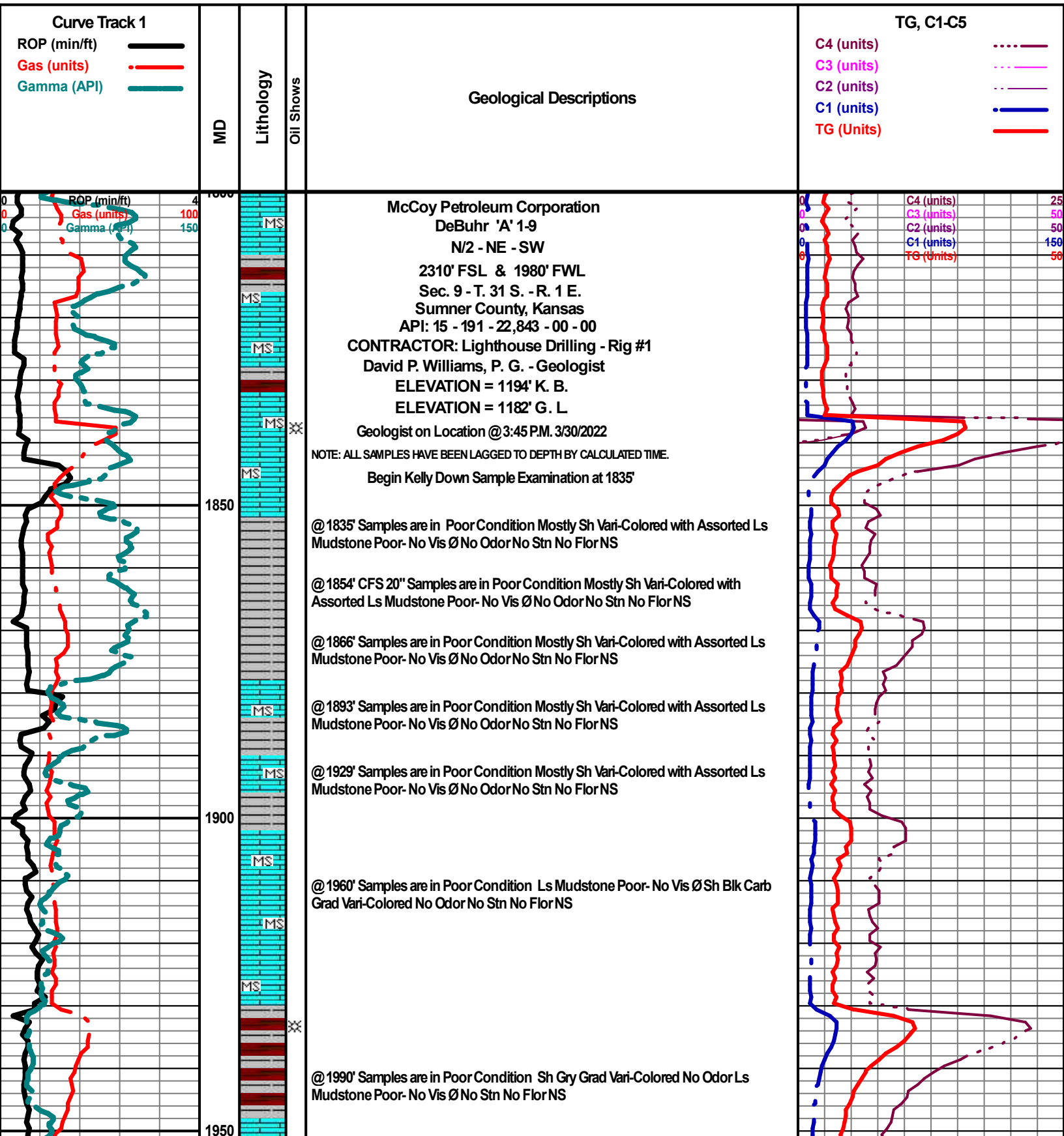
- OIL SHOW**
- ⊞ Gas show

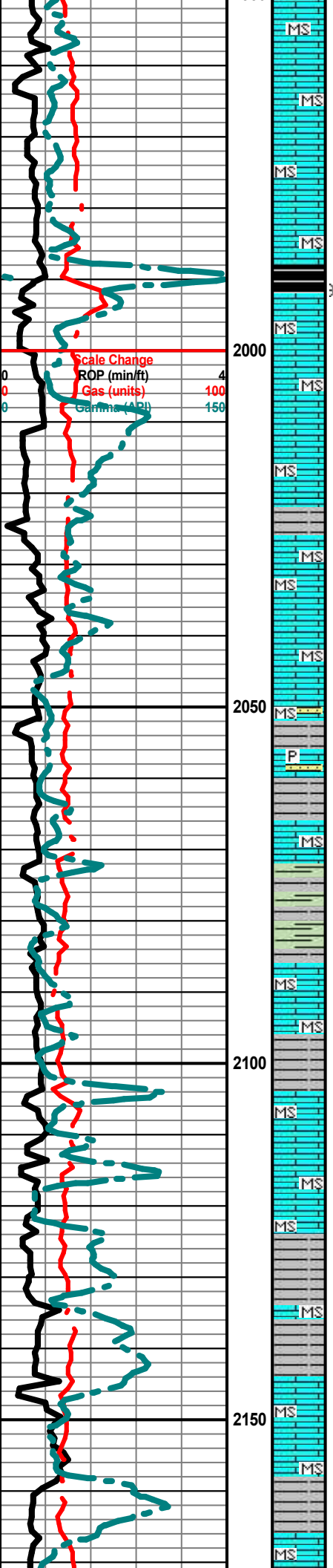
- ⊞ Even
- ⊞ Spotted
- ⊞ Ques
- ⊞ Dead

- INTERVAL**
- ▬ Straddle test tail pipe
  - ▬ New dst

- ▬ Dst\_alt

- EVENT**
- ▬ Rft
  - ▬ Sidewall





@2021' Samples are in Poor Condition Sh Gry Grad Vari-Colored No Odor Ls Mudstone Poor- No Vis Ø No Stn No Flor NS

@2052' Samples are in Poor Condition Sh Gry Grad Vari-Colored Ls Mudstone Poor- No Vis Ø No Odor No Stn No Flor NS

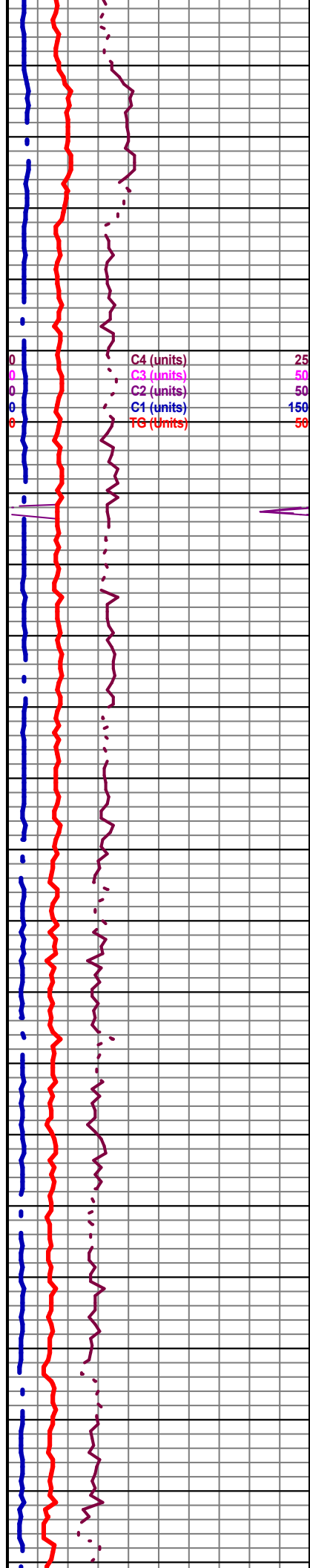
@2083' Samples are in Poor Condition Ls Mudstone Poor- No Vis Ø Qtz SS Wht FGm W/ Pyr Inclu Poor Igran Ø Sh Gry-Blu-Gm Grad Vari-Colored No Odor No Stn No Flor NS

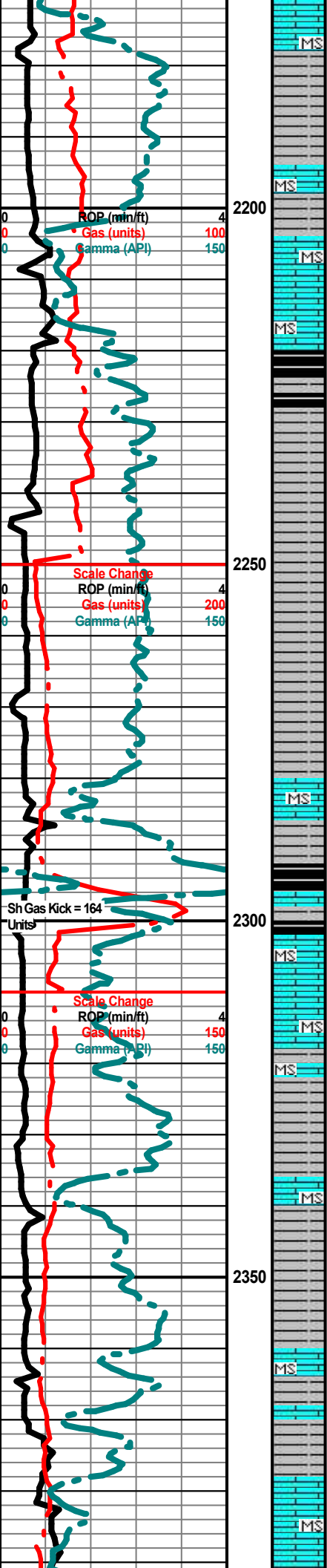
@2114' Samples are in Poor Condition Sh Gry-Blu-Gm Grad Vari-Colored Ls Mudstone Poor- No Vis Ø No Odor No Stn No Flor NS

@2145' Samples are in Poor Condition Sh Gry-Blu-Gm Grad Vari-Colored Ls Mudstone Poor- No Vis Ø Fos (Fuss) No Odor No Stn No Flor NS

@2175' Missed Sample

@2206' Samples are in Poor Condition Sh Gry-Blu-Gm Grad Vari-Colored Ls Mudstone Poor- No Vis Ø Fos (Crin) No Odor No Stn No Flor NS





@ 2238' Samples are in Poor Condition Sh Blk Carb Grad Vari-Colored Ls Mudstone  
 Poor- No Vis Ø No Odor No Stn No Flor NS

@ 2269' Samples are in Poor Condition Sh Blk Carb Grad Vari-Colored Ls Mudstone  
 Poor- No Vis Ø No Odor No Stn No Flor NS

@ 2300' Samples are in Poor Condition Sh Vari-Colored Grad Tr Blk Carb Ls  
 Mudstone Poor- No Vis Ø No Odor No Stn No Flor NS

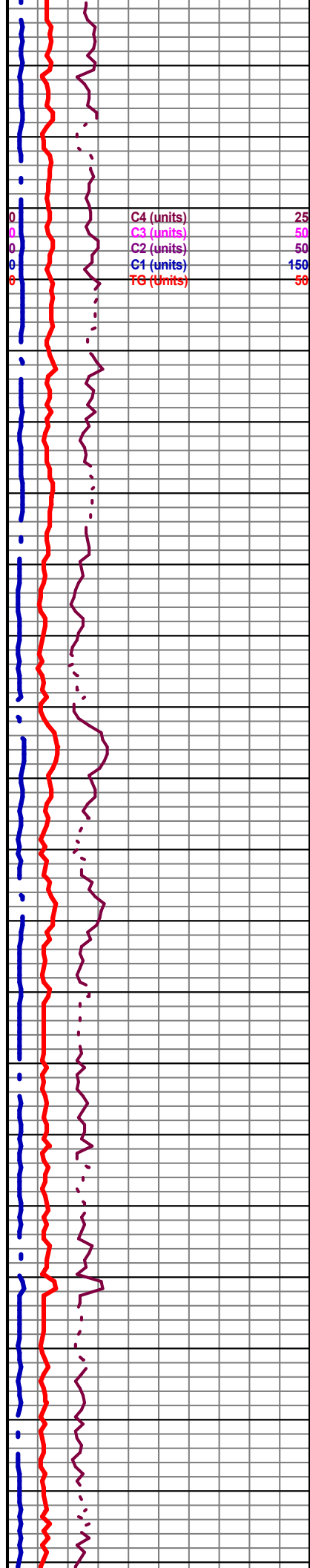
@ 2331' Samples are in Poor Condition Sh Blk Carb Grad Vari-Colored Ls Mudstone  
 Poor- No Vis Ø No Odor No Stn No Flor NS

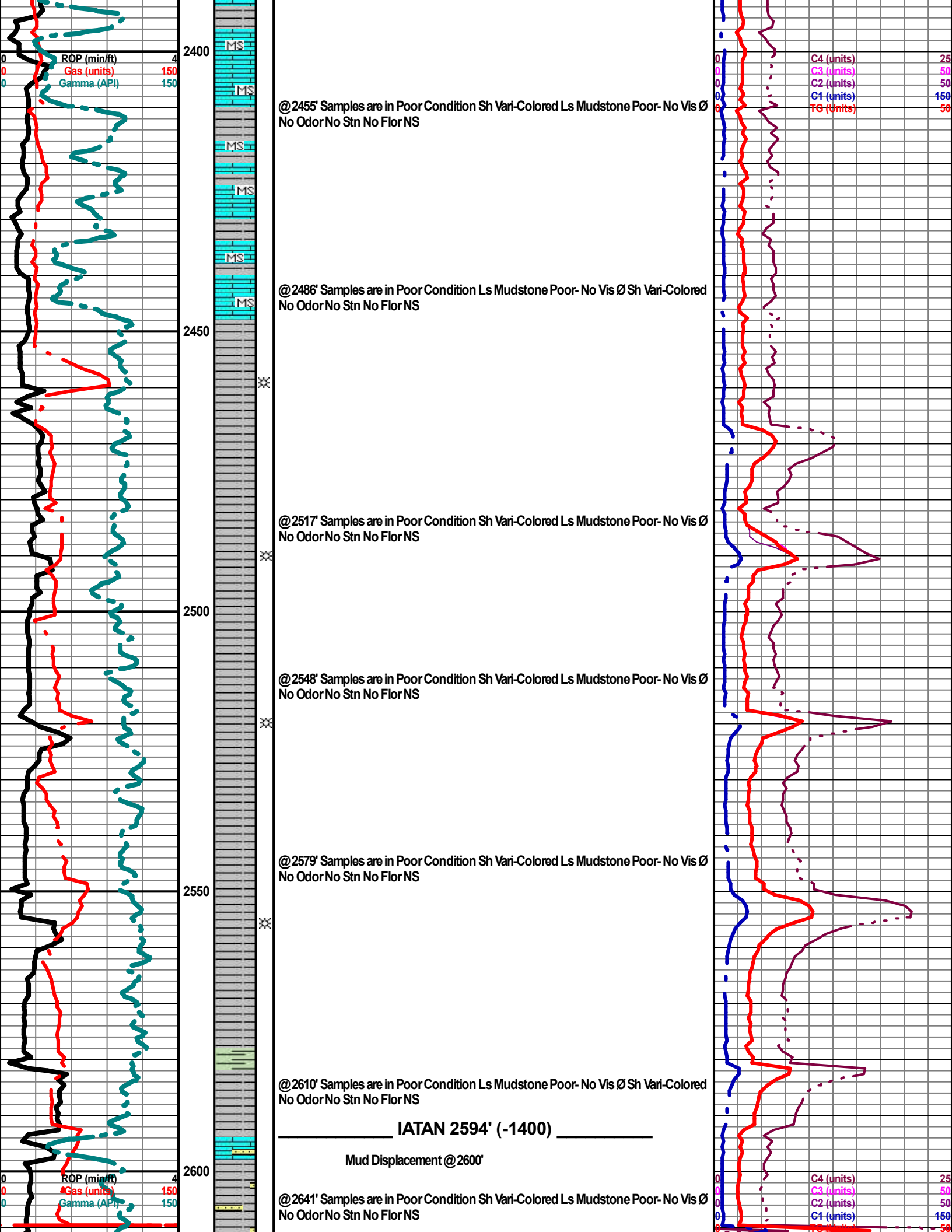
HEEBNER 2292' (-1098)

@ 2361' Samples are in Poor Condition Sh Blk Carb Grad Vari-Colored Ls Mudstone  
 Poor- No Vis Ø No Odor No Stn No Flor NS

@ 2394' Samples are in Poor Condition Sh Vari-Colored Ls Mudstone Poor- No Vis Ø  
 No Odor No Stn No Flor NS

@ 2424' Samples are in Poor Condition Sh Vari-Colored Ls Mudstone Poor- No Vis Ø  
 No Odor No Stn No Flor NS





ROP (min/ft) 4  
 Gas (units) 150  
 Gamma (API) 150

@2455' Samples are in Poor Condition Sh Vari-Colored Ls Mudstone Poor- No Vis Ø  
 No Odor No Stn No Flor NS

@2486' Samples are in Poor Condition Ls Mudstone Poor- No Vis Ø Sh Vari-Colored  
 No Odor No Stn No Flor NS

@2517' Samples are in Poor Condition Sh Vari-Colored Ls Mudstone Poor- No Vis Ø  
 No Odor No Stn No Flor NS

@2548' Samples are in Poor Condition Sh Vari-Colored Ls Mudstone Poor- No Vis Ø  
 No Odor No Stn No Flor NS

@2579' Samples are in Poor Condition Sh Vari-Colored Ls Mudstone Poor- No Vis Ø  
 No Odor No Stn No Flor NS

@2610' Samples are in Poor Condition Ls Mudstone Poor- No Vis Ø Sh Vari-Colored  
 No Odor No Stn No Flor NS

IATAN 2594' (-1400)

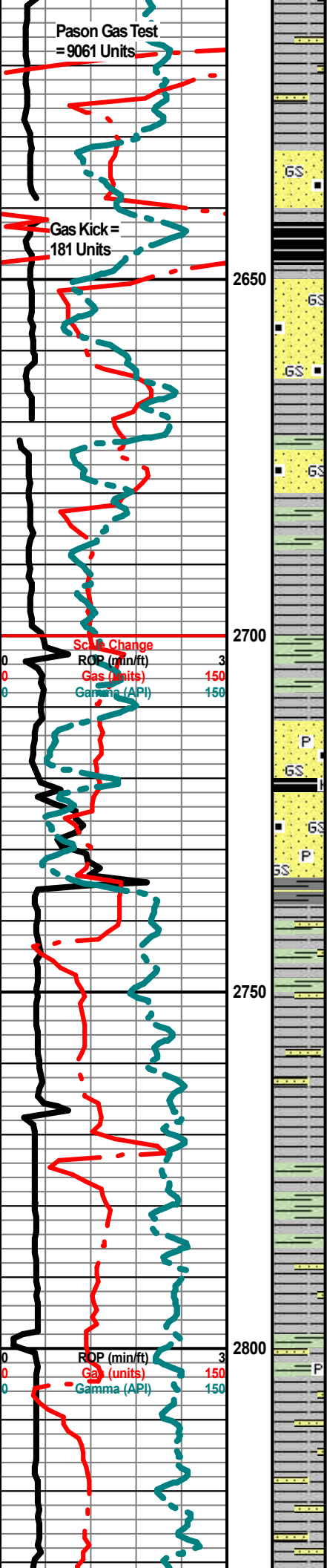
Mud Displacement @ 2600'

@2641' Samples are in Poor Condition Sh Vari-Colored Ls Mudstone Poor- No Vis Ø  
 No Odor No Stn No Flor NS

C4 (units) 25  
 C3 (units) 50  
 C2 (units) 50  
 C1 (units) 150  
 TG (units) 500

C4 (units) 25  
 C3 (units) 50  
 C2 (units) 50  
 C1 (units) 150  
 TG (units) 500





**STALNAKER SAND 2632' (- 1438)**

@2672' Samples are in Poor Condition Qtz SS Fair-Med Grainstonr (w/Micaceous & Carb Includ) Ang Wht FGm Poor-Fair Sort Friable Sh Vari-Colored Ls Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

@2702' Samples are Improving Condition Qtz SS (w/Micaceous & Carb Includ) Ang Wht FGm Poor-Fair Sort Friable Sh Vari-Colored Ls Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

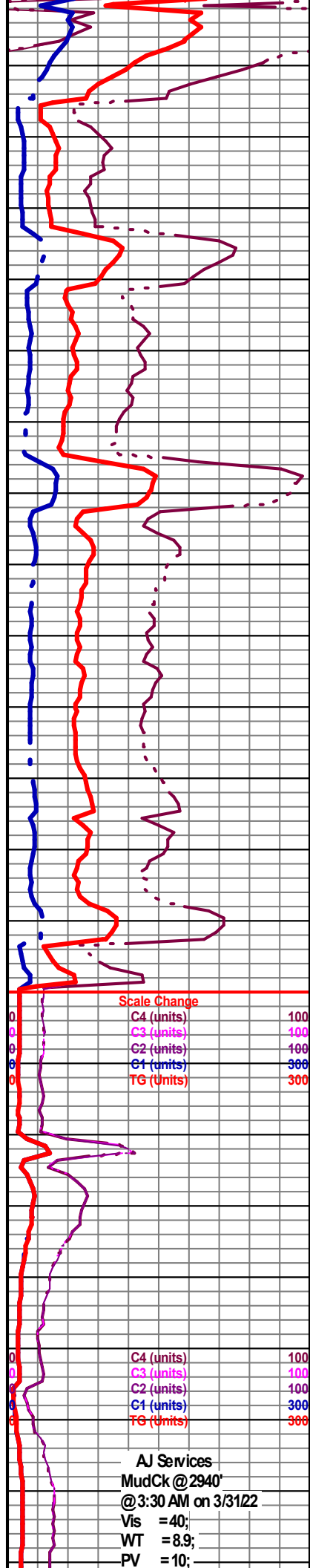
@2734' Samples are Improving Condition Qtz SS (w/Micaceous & Carb Includ) Ang Wht FGm Poor-Fair Sort Friable Sh Vari-Colored Ls Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

**BASE STALNEKER SAND 2736' (- 1542)**

@2766' Samples are Improving Condition Ls Mudstone AA Poor- No Vis Ø Qtz SS (w/Micaceous & Carb Includ) Ang Wht FGm Poor-Fair Sort Friable Sh Vari-Colored Ls Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

@2797' Samples are Improving Condition Qtz SS (w/Micaceous & Carb Includ) Ang Wht FGm Poor-Fair Sort Friable Sh Vari-Colored Ls Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

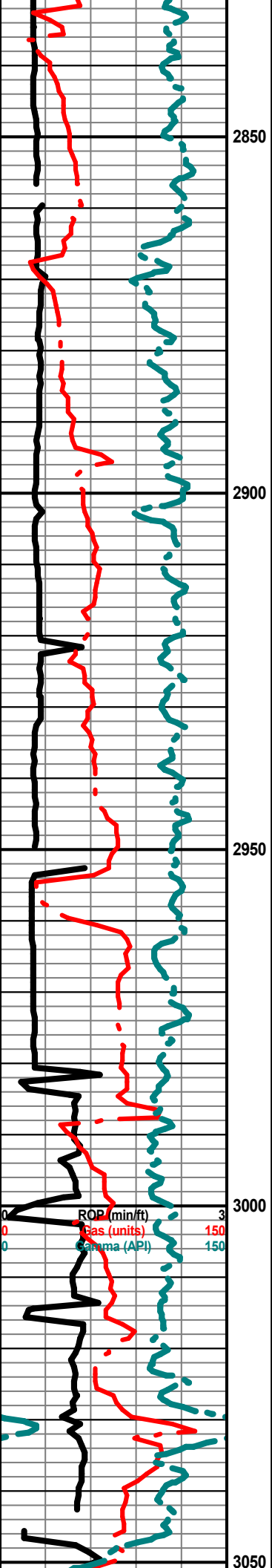
@2828' Samples are Improving Condition Sh Vari-Colored AA Qtz SS (w/Micaceous & Carb & Pyr Includ) Ang Wht FGm Poor-Fair Sort DNS Grad Friable AA Ls Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS



Scale Change  
 C4 (units) 100  
 C3 (units) 100  
 C2 (units) 100  
 C1 (units) 300  
 TG (units) 300

C4 (units) 100  
 C3 (units) 100  
 C2 (units) 100  
 C1 (units) 300  
 TG (units) 300

AJ Services  
 MudCk @2940'  
 @3:30 AM on 3/31/22  
 Vis = 40;  
 WT = 8.9;  
 PV = 10;



@2859' Sh Gry-Vari-Colored AA Qtz SS (Tr w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AALs Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

@2890' Sh Gry-Vari-Colored AA Qtz SS (Tr w/Micaceous & Carb Inclus) Ang Wht FGm Poor-Fair Sort Friable AALs Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

@2921' Sh Gry-Vari-Colored AA Qtz SS (Tr w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AALs Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

@2957' Sh Drab Gry-Vari-Colored AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AA Ls Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

@2983' Sh Drab Gry-Vari-Colored (w.Pyr Inclu) AA Ls Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

Begin 10' Sample Examination at 3020'

Sh Drab Gry-Vari-Colored (w.Pyr Inclu) AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AA

Sh Drab Gry-Vari-Colored (w.Pyr Inclu) AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AA

Sh Drab Gry-Vari-Colored (w.Pyr Inclu) AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AA

Sh Drab Gry-Vari-Colored (w.Pyr Inclu) AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AA

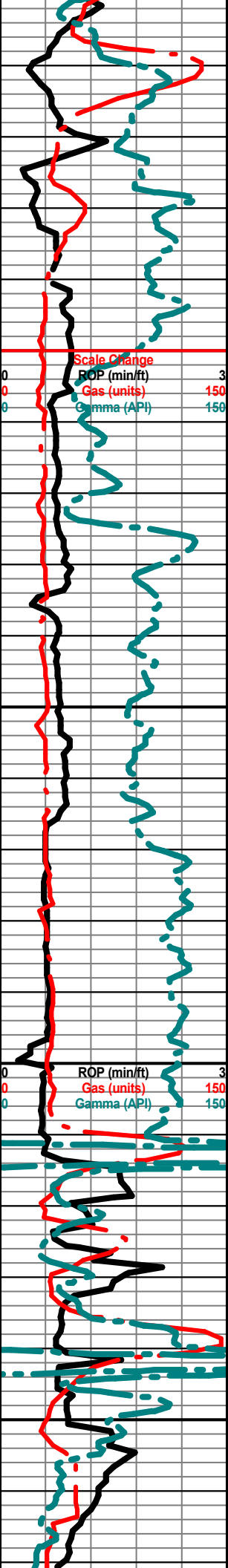
LANRING (LIGNITE MARKER) 3028' (- 1820)

10" CFS @ 3070' @ Sh Gry-Vari-Colored AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AALs Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

UPPER LAYTON SAND 3047' (- 1853)

YP = 8;  
 WL = 12.2;  
 Cake = 2;  
 Chl = 650 PPM;  
 Cal = 80 PPM;  
 Sol = 4.48%;  
 LCM = 0#;  
 DMC = \$ 5,593.00;  
 CMC = \$ 5,893.00.

C4 (units) 100  
 C3 (units) 100  
 C2 (units) 100  
 C1 (units) 300  
 TG (units) 300



20" CFS @ 3070' Qtz SS Wht-Clear F-M IGm Grainstone Poor Ø Poor Sort (w/CaCO3 Matrix w/Glau & Pyr Inclus) Ls AA Shale AA No Odor No Stn No Flor NS

30" CFS @ 3070' Qtz SS Wht-Clear F-M IGm Grainstone Poor Ø Poor Sort (w/CaCO3 Matrix w/Glau & Pyr Inclus) Ls AA Shale AA No Odor No Stn No Flor NS

10" CFS @ 3090' @ Sh Gry-Vari-Colored AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AALs Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

20" CFS @ 3090' @ Sh Gry-Vari-Colored AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AALs Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

30" CFS @ 3090' @ Ls Mudstone AAPoor- No Vis Ø Sh Gry-Vari-Colored AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AA Poor- No Vis Ø No Odor No Stn No Flor NS

10" CFS @ 3105' @ Ls Mudstone AAPoor- No Vis Ø Sh Gry-Vari-Colored AA Qtz SS Abd ( w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AA Poor- No Vis Ø No Odor No Stn No Flor NS

**LOWER LAYTON SAND 3100' ( -1906)**

20" CFS @ 3105' Qtz SS Abd Wht (w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AA Ls Mudstone AA Poor- No Vis Ø Poor- No Vis Ø Sh Gry-Drab Gry AA No Odor No Stn No Flor NS

30" CFS @ 3105' Qtz SS Abd (w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AA Ls Mudstone AAPoor- No Vis Ø Sh Gry-Vari-Colored AA Poor- No Vis Ø No Odor No Stn No Flor NS

Sh Gry-Vari-Colored AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr Inclus) Ang Wht FGm Poor-Fair Sort Friable AALs Mudstone AA Poor- No Vis Ø No Odor No Stn No Flor NS

Qtz SS Abd Wht-Crm (w/Micaceous & Carb & Pyr && Glau Inclus) Ang Wht FGm Poor-Fair Sort Well Rounded Very Friable AA Sh Gry-Drab Gry AA Ls Mudstone AA Poor- No Vis Ø Poor- No Vis Ø No Odor No Stn No Flor NS

Qtz SS Abd Wht-Crm (w/Micaceous & Carb & Pyr && Glau Inclus) Ang Wht FGm Poor-Fair Sort Well Rounded Very Friable AA Sh Gry-Drab Gry AA Ls Mudstone AA Poor- No Vis Ø Poor- No Vis Ø No Odor No Stn No Flor NS

Sh Drab Gry AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr & Glau Inclus) Ang-Well Rd Wht FGm Poor-Fair Sort Friable AALs Crm Mudstone (Tr Only) AAPoor- No Vis Ø No Odor No Stn No Flor NS

Ls Crm-Wht FxIn Mudstone Poor Ø Sh Drab Gry AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr & Glau Inclus) Ang Well Rd Wht FGm Poor-Fair Sort Friable AA- No Vis Ø No Odor No Stn No Flor NS

Sh Drab Gry AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr & Glau Inclus) Ang-Well Rd Wht FGm Poor-Fair Sort Friable AALs Crm Mudstone (Tr Only) AAPoor- No Vis Ø No Odor No Stn No Flor NS

Sh Drab Gry AA Qtz SS (Tr Only w/Micaceous & Carb & Pyr & Glau Inclus) Ang-Well Rd Wht FGm Poor-Fair Sort Friable AALs Crm Mudstone (Tr Only) AAPoor- No Vis Ø No Odor No Stn No Flor NS

Ls Crm-Wht FxIn Mudstone Poor IXIn Ø Sh Drab Gry-Blk Carb AA No Vis Ø No Odor No Stn No Flor NS

Sh Drab Gry AA Ls Crm Mudstone (Tr Only) AA Poor- No Vis Ø No Odor No Stn No Flor NS

**STARK SHALE 3210' ( - 2016)**

Ls Wht-Crm FxIn Poor IXIn Ø Sh Blk Carb-Drab Grb-Gry AA No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Mudstone Poor IXIn Ø Chalky (Abd) Sh Blk Carb-Drab Gm-Gry AA No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Mudstone Poor IXIn Ø Chalk (Tr) Sh Blk Carb-Drab Grb=Gry AA No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Mudstone Poor IXIn Ø Chalky (Abd) Sh Drab Grb-Gry AA No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Mudstone Poor IXIn Ø Chalky Sh Drab Grb-Gry AA No Odor No Stn No Flor NS

C4 (units) 100

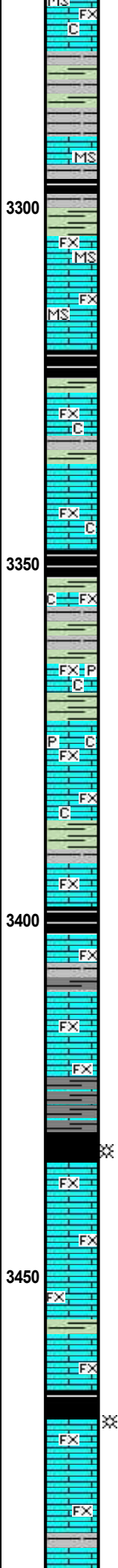
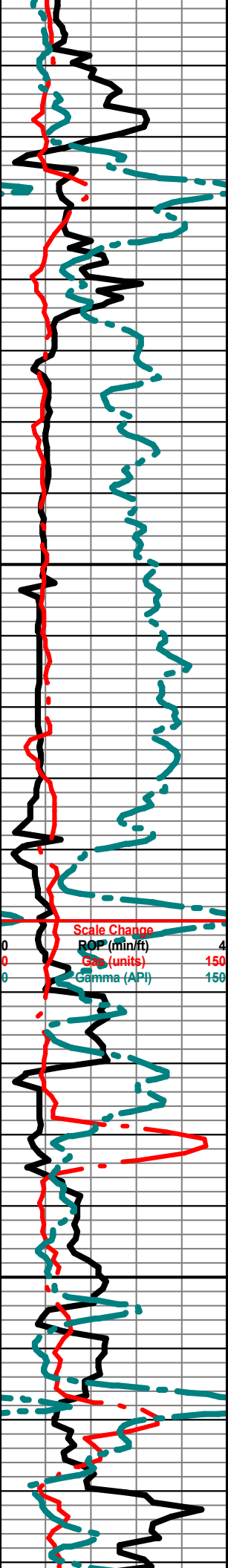
C3 (units) 100

C2 (units) 100

C1 (units) 300

TG (units) 300





Ls Wht-Crm FxIn Mudstone Poor IxIn Ø Chalky Sh Drab Grb-Gry AA No Odor No Stn No Flor NS

Sh Drab Gm-Gry AA Ls Wht-Crm FxIn Mudstone Poor IxIn Ø Chalky No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Mudstone Poor IxIn Ø Chalky Sh Drab Grb-Gry AA No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Mudstone Poor IxIn Ø Chalky Sh Drab Grb-Gry AA No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Mudstone Poor IxIn Ø Chalky Sh Drab Grb-Gry AA No Odor No Stn No Flor NS

Sh Blk Carb-Drab Gm-Gry AA Ls Wht-Crm FxIn Poor IxIn Ø Qtz SS (Tr w/Glacu & Pyr & Carb Inclusions) Chalky (V Abd) No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Poor IxIn Ø Chalky (Abd) Sh Blk Carb-Drab Grb-Gry AA No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Poor IxIn Ø Chalky (Abd) Sh Drab Grb-Gry AA No Odor No Stn No Flor NS

Sh Blk Carb-Drab Gm-Gry AA Ls Wht-Crm FxIn Poor IxIn Ø Pyr Mass Chalky (V Abd) No Odor No Stn No Flor NS

Sh Blk Carb-Drab Gm-Gry AA Ls Wht-Crm FxIn Poor IxIn Ø Pyr Mass Chalky (V Abd) No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Poor IxIn Ø Chalky (Tr Only) Sh Drk Blk Coal-Drab Grb-Gry AA No Odor No Stn No Flor NS

Ls Wht-Crm-Gry FxIn Poor IxIn Ø Sh Drk Blk Coal-Drab Grb-Gry AA No Odor No Stn No Flor NS

**MARMATON 3390' ( - 2196)**

Ls Wht-Crm-Gry FxIn Poor IxIn Ø Sh Drk Blk Coal-Drab Grb-Gry AA No Odor No Stn No Flor NS

**ALTAMONT 3402' ( - 2206)**

Ls Wht-Crm-Gry FxIn Poor IxIn Ø Sh Drk Blk Coal-Drab Grb-Gry AA No Odor No Stn No Flor NS

Ls Crm-Tan-Gry FxIn Poor IxIn Ø Sh Drk Blk Coal (TR Only)-Drab Grb-Gry AA No Odor No Stn No Flor NS

Sh Blk Carb-Drab Gm-Gry AA Ls Wht-Crm FxIn Poor IxIn Ø No Odor No Stn No Flor NS

Sh Blk Carb-Drab Gm-Gry AA Ls Wht-Crm FxIn Poor IxIn Ø No Odor No Stn No Flor NS

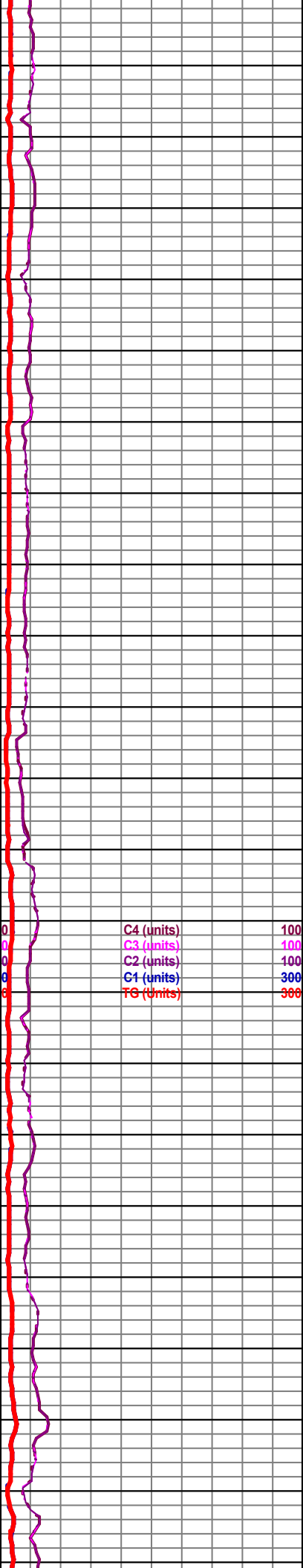
Sh Blk Carb-Drab Gm-Gry AA Ls Wht-Crm FxIn Poor IxIn Ø No Odor No Stn No Flor NS

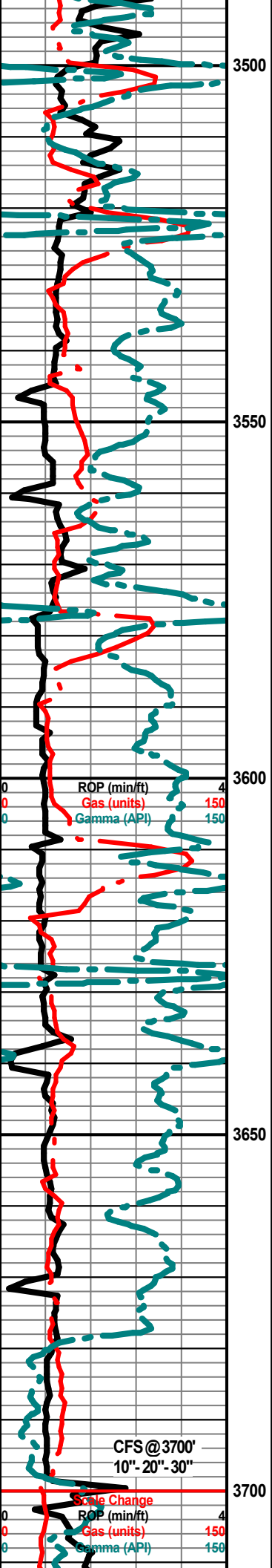
Ls Wht-Crm FxIn Poor IxIn Ø Sh Blk Carb (AA)-Drab Gm-Gry No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Poor IxIn Ø Sh Blk Carb (AA)-Drab Gm-Gry No Odor No Stn No Flor NS

Sh Blk Carb-Drab Gm-Gry (AA) Ls Wht-Crm FxIn Poor IxIn Ø No Odor No Stn No Flor NS

Sh Blk Carb-Drab Gm-Gry (AA) Ls Wht-Crm FxIn Poor IxIn Ø No Odor No Stn No Flor NS





**CHEROKEE SHALE 3500' ( - 2306)**

Sh Blk Carb-Drab Grm-Gry (AA) Ls Wht-Crm FxIn Poor IxIn Ø No Odor No Stn No Flor NS  
 Ls Wht-Crm FxIn Poor IxIn Ø Sh Blk Carb (AA)-Drab Grm-Gry No Odor No Stn No Flor NS

Sh Blk Carb-Drab Grm-Gry (AA) Ls Wht-Crm FxIn Poor IxIn Ø No Odor No Stn No Flor NS

Sh Blk Carb-Drab Grm-Gry (AA) Ls Wht-Crm FxIn Poor IxIn Ø No Odor No Stn No Flor NS

Sh Blk Carb-Drab Grm-Gry (AA) Ls Wht-Crm FxIn Poor IxIn Ø No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Poor IxIn Ø Sh Blk Carb-? Coal-Drab Grm-Gry (AA) No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Poor IxIn Ø Sh Blk Carb-? Coal-Drab Grm-Gry (AA) No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Poor IxIn Ø Sh Blk Carb-Drab Grm-Gry (AA) No Odor No Stn No Flor NS

**ARDMORE SHALE 3574' ( - 2382)**

Ls Wht-Crm MxIn-FxIn Poor IxIn Ø (w/Pyr Incl) Sh Blk Carb-Char-Drab Grm-Gry No Odor No Stn No Flor NS

Ls Wht-Crm MxIn-FxIn Poor IxIn Ø (w/Pyr Incl) Sh Char-Drab Grm-Gry-Blk Carb No Odor No Stn No Flor NS

Ls Wht-Crm MxIn-FxIn Poor IxIn Ø (w/Pyr Incl) Sh Char-Drab Grm-Gry No Odor No Stn No Flor NS

Ls Wht-Crm MxIn-FxIn Poor IxIn Ø (w/Pyr Incl) Sh Blk Carb-Char-Drab Grm-Gry No Odor No Stn No Flor NS

Sh Vari-Colored Gry-Gm-Char (V ABD w/ Pyr Inclus) Ls Wht-Crm Mudstone MxIn No Vis Ø No Odor No Stn No Flor NS

Sh Blk Carb Grad Vari-Colored Gry-Gm-Blu (V ABD) Ls Wht-Crm Mudstone MxIn No Vis Ø No Odor No Stn No Flor NS

Sh Blk Carb Grad Vari-Colored Gry-Gm-Red-Blu (V ABD) Ls Wht-Crm Mudstone MxIn No Vis Ø Pyr Mass No Odor No Stn No Flor NS

Sh Vari-Colored Gry-Gm-Red-Blu (V ABD) Ls Wht-Crm Mudstone MxIn No Vis Ø Pyr Mass No Odor No Stn No Flor NS

10" CFS @ 3700' Cht Wht-Yell-Gry Dns Op Shp No Vis Ø Pyr Mass Sh Vari-Colored Gry-Gm-Red-Blu (V ABD) No Odor No Stn No Flor NS

20" CFS @ 3700' Sh Vari-Colored Gry-Gm-Red-Blu (V ABD) Cht Wht-Yell-Gry Dns Op Shp No Vis Ø Pyr Mass Sh Vari-Colored Gry-Gm-Red-Blu (V ABD) No Odor No Stn No Flor NS

**MISSISSIPPIAN 3679' ( - 2485)**

30" CFS @ 3700' Cht Wht-Yell-Gry-Lt Org Dns Op Shp No Vis Ø Pyr Mass Sh Vari-Colored Gry-Gm-Red-Blu (V ABD) No Odor No Stn No Flor NS

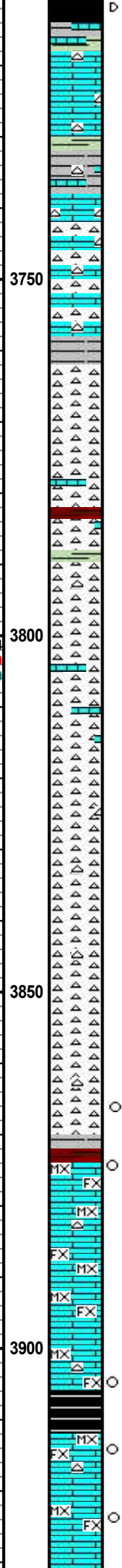
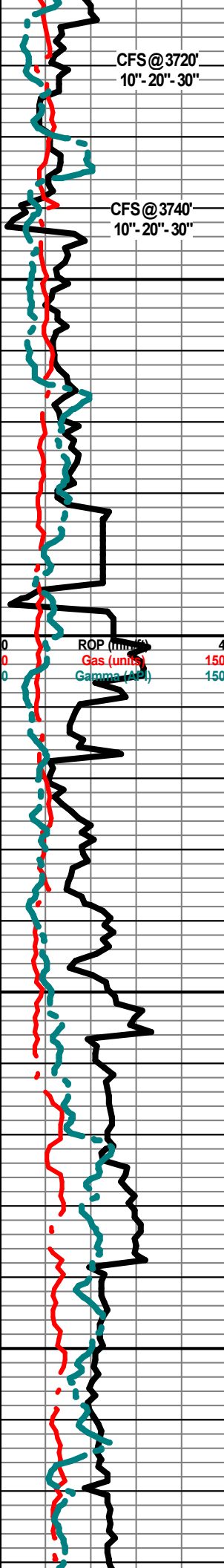
10" CFS @ 3720' Cht Wt-Crm Trip Poor Pin-Pt Leached Ø Grad Ls Wht Poor Pin-Pt Leached Ø Sh Char-Gry-Gm-Blu (ABD) Faint Odor Tr Sat Stn No Flor NS

20" CFS @ 3720' Cht Wt-Crm Trip Poor Pin-Pt Leached Ø Grad Ls Wht Poor Pin-Pt Leached Ø Sh Char-Gry-Gm-Blu (ABD) No Odor Tr Sat Stn No Flor NS

C4 (units) 100  
 C3 (units) 100  
 C2 (units) 100  
 C1 (units) 300  
 TG (units) 300

CFS @ 3700'  
 10"- 20"- 30"

Scale Change  
 ROP (min/ft) 4  
 Gas (units) 150  
 Gamma (API) 150



30" CFS @ 3720' Cht Wt-Cm Trip Poor Pin-Pt Leached Ø Grad Ls Wht Poor Pin-Pt Leached Ø Sh Blk Carb-Char-Gry-Grn-Blu (ABD) No Odor Tr Sat Stn No Flor NS

10" CFS @ 3740' Cht Wt-Cm Trip Poor Pin-Pt Leached Ø Grad Ls Wht Poor Pin-Pt Leached Ø Sh Char-Gry-Grn-Blu (ABD) No Odor Tr Sat Stn No Flor NS

20" CFS @ 3740' Cht Wt-Cm Trip Poor Pin-Pt Leached Ø Grad Ls Wht Poor Pin-Pt Leached Ø Sh Char-Gry-Grn-Blu (ABD) No Odor Tr Sat Stn No Flor NS

30" CFS @ 3740' Cht Wt-Cm Trip Poor Pin-Pt Leached Ø Grad Ls Wht Poor Pin-Pt Leached Ø Sh Char-Gry-Grn-Blu (ABD) No Odor Tr Sat Stn No Flor NS

Cht Wht Op Shp-Vit Ls Wht-Cm Mxln Poor lxn Ø Sh Blk-Carb-Char-Drab Gm-Gry-Maroon No Odor No Stn No Flor NS

Cht Wht Op Shp-Vit Ls Wht-Cm Mxln Poor lxn Ø Sh Blk-Carb-Char-Drab Gm-Gry-Maroon No Odor No Stn No Flor NS

Cht Wht Op Shp-Vit Ls Wht-Cm Mxln Poor lxn Ø Sh Blk-Carb-Char-Drab Gm-Gry-Maroon No Odor No Stn No Flor NS

Ls Wht-Cm Mxln Poor lxn Ø Cht/Ls Wht-Cm Op Shp-Vit Pyr Mass Sh Char-Drab Gm-Gry-Maroon (Abd) No Odor No Stn No Flor NS

Ls Wht-Cm Mxln Poor lxn Ø Cht/Ls Wht-Cm Op Shp-Vit Sh Blk-Carb-Char-Drab Gm-Gry-Maroon (Abd) No Odor No Stn No Flor NS

Ls Wht-Cm Mxln Poor lxn Ø Cht/Ls Wht-Cm Op Shp-Vit Sh Blk-Carb-Char-Drab Gm-Gry-Maroon (Abd) No Odor No Stn No Flor NS

Sh Blk-Carb-Char-Drab Gm-Gry-Maroon Ls Wht-Cm Mxln Poor lxn Ø Cht/Ls Wht-Cm Op Shp-Vit No Odor No Stn No Flor NS

Sh Blk-Carb-Char-Drab Gm-Gry-Maroon Ls Wht-Cm Mxln Poor lxn Ø Cht/Ls Wht-Cm Op Shp-Vit No Odor No Stn No Flor NS

Sh Blk-Carb-Char-Drab Gm-Gry-Maroon Ls Wht-Cm Mxln Poor lxn Ø Cht Wht Op Shp-Vit No Odor No Stn No Flor NS

Poor Sample Sh Blk-Carb-Char-Drab Gm-Gry-Maroon Ls Wht-Cm Mxln Poor lxn Ø Cht/Ls Wht-Cm Op Shp-Vit No Odor No Stn No Flor NS

Poor Sample Sh Char-Drab Gm-Gry-Maroon Ls Wht-Cm Mxln Poor lxn Ø Cht/Ls Wht-Cm Op Shp-Vit No Odor No Stn No Flor NS

Ls Wht-Cm Mxln-Fxln Poor lxn Ø Cht Wht (Tr Only) Op Shp Sh Blk-Carb-Char-Drab Gm-Gry Vit No Odor No Stn No Flor NS

Ls Wht-Cm Mxln-Fxln Poor lxn Ø Cht/Ls Wht-Clear Trans-Op Shp-Sh Blk-Carb-Char-Drab Gm-Gry Vit V Sil Faint Odor No Stn No Flor NS

Sh Blk-Carb-Char-Drab Gm-Gry Ls Wht-Cm Mxln-Fxln Poor lxn Ø Cht/Ls Op Shp-Vit (Tr Only) No Odor No Stn No Flor NS

Poor Sample Sh Char-Drab Gm-Gry Ls Wht-Cm Mxln-Fxln Poor lxn Ø Cht Wht-Clear Trans-Op Shp-Vit No Odor No Stn No Flor NS

Ls Wht-Cm Mxln-Fxln Poor lxn Ø Cht Wht-Clear Trans-Op Shp Cht/Ls Wht Op Shp-Vit Sh Blk-Carb-Char-Drab Gm-Gry Vit V Sil Faint Odor No Stn No Flor NS

Poor Sample Sh Char-Drab Gm-Gry Ls Wht-Cm Mxln-Fxln Poor lxn Ø Cht Wht-Clear Trans-Op Shp-Vit No Odor No Stn No Flor NS

Sh Blk-Carb-Char-Drab Gm-Gry Ls Wht-Cm Mxln-Fxln Poor lxn Ø Cht Wht-Tan Trans-Op Vit Cht/Ls Wht-Tan Op Shp-Vit Sil Faint Odor No Stn No Flor NS

Sh Blk-Carb-Char-Drab Gm-Gry Ls Wht-Cm Mxln-Fxln Poor lxn Ø Cht Wht-Tan Trans-Op Vit Cht/Ls Wht-Tan Op Shp-Vit Sil Faint Odor No Stn No Flor NS

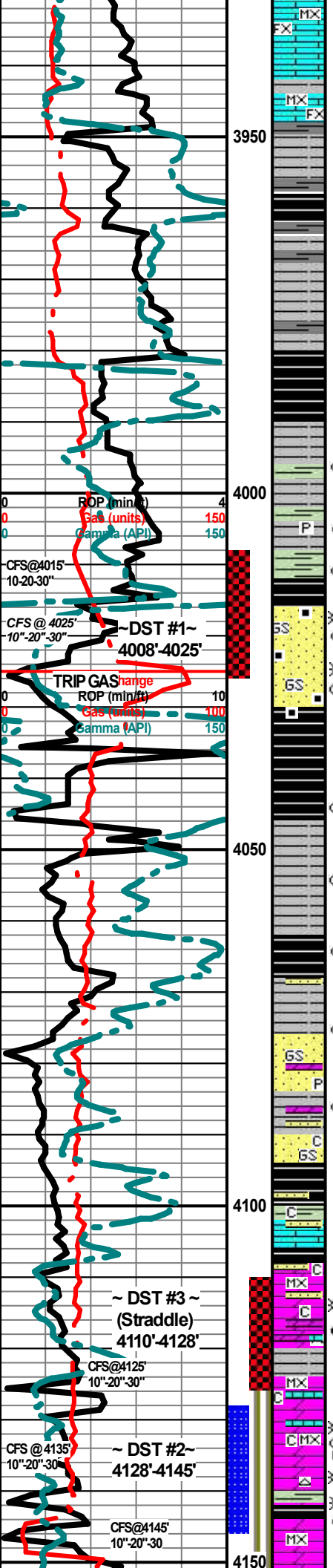
Shp-Vit Sh Blk-Carb-Char-Drab Gm-Gry Ls Wht-Cm Mxln-Fxln Poor lxn Ø Cht Wht-Tan Trans-Op Vit Cht/Ls Wht-Tan Op Sil Faint Odor No Stn No Flor NS

AJ Services  
Mud Ck @ 3740'  
@ 3:00 AM on 4/1/22  
Vis = 43;  
WT = 9.3;  
PV = 9;  
YP = 10;  
WL = 12.2;  
Cake = 2;  
Chl = 2490 PPM;  
Cal = 96 PPM;  
Sol = 7.46%;  
LCM = 0#;  
DMC = \$ 374.00;  
CMC = \$6,267.00.

C4 (units) 100  
C3 (units) 100  
C2 (units) 100  
C1 (units) 300  
TG (units) 300

AJ Services  
Mud Ck @ 4017'  
@ 8:12 PM on 4/2/22  
Vis = 44;  
WT = 9.4;  
PV = 12;  
YP = 9;  
WL = 10.5;  
Cake = 2;  
Chl = 2890 PPM;  
Cal = 6.4 PPM;  
Sol = 8.21%;  
LCM = 5#;  
DMC = \$1449.00; CMC = \$7,716.00.





Sh Blk-Carb-Char-Drab Gm-Gry Ls Wht-Crm Mxin Poor lxn Ø (Tr Only) Cht Wht-Tan-Gry Op Dns (Tr Only) No Odor No Stn No Flor NS

Sh Char-Drab Gm-Gry-Maroon No Odor No Stn No Flor NS

Sh Blk-Carb (ABD) Char-Drab Gm-Gry No Odor No Stn No Flor NS

ShSh Blk-Carb (ABD) Char-Drab Gm-Gry No Odor No Stn No Flor NS  
Blk-Carb-Char-Drab Gm-Gry No Odor No Stn No Flor NS

Sh Blk-Carb (ABD) -Char-Drab Gm-Gry No Odor No Stn No Flor NS

**WOODFORD SHALE 3980' (- 2786)**

Sh Blk-Carb (ABD) -Char-Drab Gm-Gry Faint Odor No Stn No Flor NS

Sh Char-Gry-Bm-Maroon-Blk Carb Faint Odor No Stn No Flor NS

10" CFS @ 4015' Sh Brn-Char-Gry-Maroon-Blu (Tr Only) Fos Fuss Pyr (Inclus) Faint Odor Odor No Stn No Flor NS

20' & 30" CFS @ 4015' Sh Brn-Char-Gry-Maroon-Blu (Tr Only) Pyr Inc Sli Tr Odor No Stn No Flor NS

**SIMPSON SAND 4016' (- 2822)**

10" & 20" & 30" CFS @ 4025' Qtz Ss Grainstone Clear- Sli Frost Grns F-ML Grns Med-Good IGran Ø Ang-Sub Ang Med-Well Sort Friable (w/Very Lt CaCo3 Matrix & w/Tr Brn Carb Incls) Fair Inc to Strong Odor Med- Good Flor Good Show of Gas & Free Oil (< 45 deg API Gvty) Undre Heat in Wtr.

Sh Char-Gry (V ABD) (?) Faint Odor No Stn No Flor NS

**Loss of 30 BBLS Fluid @ 4044'**

Sh Blk Carb-Char-Gry-Gm (V ABD) (?) Faint Odor No Stn No Flor NS

Sh Char-Gry-Gm (V ABD) (?) Faint Odor No Stn No Flor NS

Sh Char-Gry-Gm (V ABD) (?) Faint Odor No Stn No Flor NS

Sh Char-Gry-Gm (V ABD) (?) Faint Odor No Stn No Flor NS

Sh Char-Gry-Gm (V ABD) (?) Faint Odor No Stn No Flor NS

Sh Char-Gry-Gm (V ABD) Qtz Ss Wht Grainstone V Small Gms Poor IGran Ø Ang-Sub Ang Med-Well Sort Friable (w/Very Lt CaCo3 Matrix) Dolo Wht Dns Mxin No Vis Ø (w/Pyr Incls w/Tr Only) (?) Faint Odor No Stn No Flor NS

Qtz Ss Wht V Small Gms Poor IGran Ø Ang-Sub Ang Med-Well Sort Friable (w/Med CaCo3 Matrix) Chalky Sh Char-Gry-Gm-Blu No Odor No Stn No Flor NS

**ARBUCKLE 4108' (- 2914)**

Dolo Wht-Tan Mxin Fair-Med lxn Ø Sh Char-Gry-Gm-Blu Qtz Ss Wht V Small Gms Poor IGran Ø Ang-Sub Ang Med-Well Sort Friable (w/Med CaCo3 Matrix) Chalky Faint Odor No Stn Sli Flor SG SO

20" & 30" CFS @ 4125' Dolo Wht-Tan Dns Mxin No Vis Ø (Tr Only - 4 Pcs) Qtz Ss Wht V Small Gms AA Fos (Coral 1 Pc) LS Crm MXln No Vis Ø Chalky Sh Blk Carb-Char Gry -Gm- Blu No Stn No Flor NS

10" & 20" & 30" CFS @ 4135' Dolo Wht-Tan Dns Mxin Fair lxn Pin-Pt Ø Grad Fair Sucrosic Ø (w/ FSG & Dead Blk Stn) LS Crm MXln No Vis Ø Chalky Sh Blk Carb-Char Gry-Gm-Blu Fair Inc Odor Sli Flor (Few Pcs) Fair Cut W/Acid (Lt Gm Cut) Sli SG/ ? SO Fair-Med SG

10" & 20" & 30" CFS @ 4145' Dolo Wht-Tan Dns Mxin Fair lxn Pin-Pt Ø Grad Fair Sucrosic Ø (w/ FSG & Brn Sat & Dead Blk Stn) Cht Wht Op Sh Blk Carb-Char Gry-Gm-Blu Fair Sli Dec Odor Sli Flor (Few Pcs) Fair Cut W/Acid (Lt Gm Cut) Sli SG/ FSO In Dolo

Interval: 4008'- 4025';  
Times: 3"-45"-60"-120";  
Blow: IF=Strong BOB Build to 32".  
FF = Strong BOB  
Build to 350".  
Recovery: 1500' G.I.P. & 60' OW (40% Oil & 40% Wtr & 20% Mud) & 2160' SW (100%)  
Chlorides= 38000 PPM.  
Pressures:  
IH = 2060#;  
FH = 1861#;  
IF = 203-245#;  
FF = 387-1371#;  
ISIP = 1516#;  
FSIP = 1511#;  
BHT = 130.3 degrees F;  
RW = 77 degrees @ 77 degrees F.

C4 (units) 100  
C3 (units) 100  
C2 (units) 100  
C1 (units) 300  
TG (units) 300

Pason Gas Unit is not Reporting @ 4009'.

Pipe Strap = .01' Short to Board.

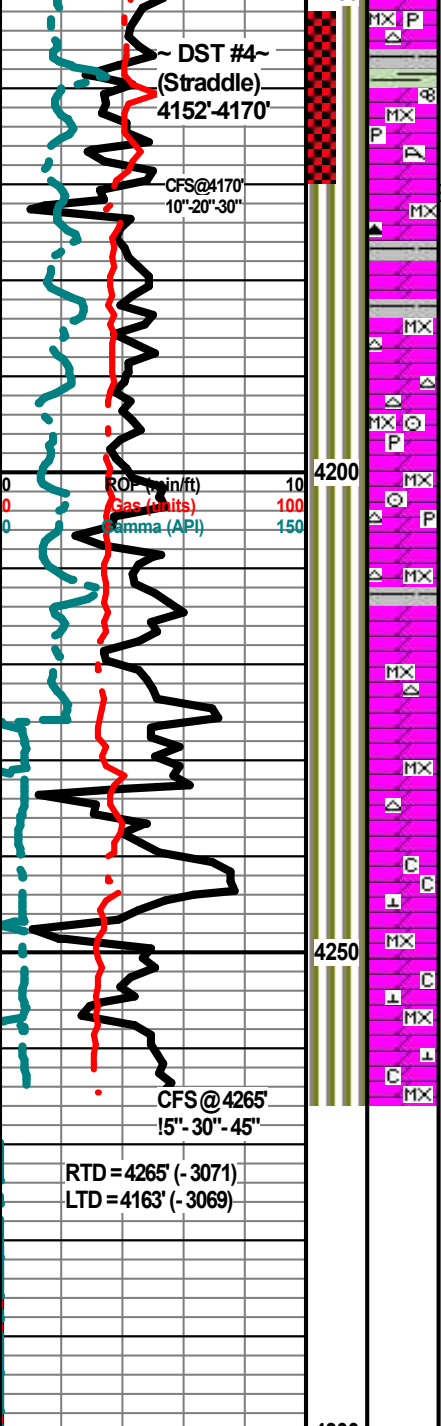
**TRIP GAS**

Seals (range)  
C4 (units) 25  
AJ Services  
Mud Ck @ 4076'  
@ 1:00 AM on 4/3/22  
Vis= 48; S  
WT= 9.4;  
PV = 10; ige  
YP = 9.15;  
WL= 11.2;  
Cake= 2.7  
Chl= 2550 PPM;  
Cal = 100;  
Sol = 8.21%;  
LCM= 5#;  
DMC= \$1222.00;  
CMC=\$8,938.00

**~ DST # 3 ~**  
(Straddle)  
Interval: 4110'- 4128'; Times: 3"-45"-60"- 60";  
Blow:  
IF = Strong Build to 100". FF= Strong Build to 375".  
Recovery: 868' G.I.P. & 2580' Oil (100% Oil); Grv = 36 API;  
Pressures: IH=2169; FH=2066#;  
IF=745-942#; FF= 605-1142#;  
ISIP=1715#; FSIP= 1659#.

**~ DST # 2 ~**  
Interval: 4128' 4145'  
Times: 3"-45"-45"-60";  
Blow:  
IF = Fair Build to 11".  
FF = Good Build to 46".  
Recovery: 420' G.I.P. & 240' Oil (100% Oil) & 60' GMOW (10% Gas, 10% Oil & 30% Wtr) & 300' SW (100% Wtr)  
Chlorides=36000 PPM.  
Pressures:  
IH = 2123#;  
FH = 2014#;  
IF = 58-168#;  
FF = 114-280#; ISIP = 1760#;  
FSIP = 1656#;  
RW = 1.6 degrees @ 76 degrees F.

AJ Services



Dol Cmn-Tan Mxln Grad Flor Sucrosic Pin-Pt Ø Dns Fos (Fuss, Coral) Chalky Pyr Mass Sli Dec Odor Sli Flor (Few Pcs) Sli Dec Odor Sli Flor (Few Pcs) SSG & Drk Blk Dead Stn V Sli Show

10" & 20" & 30" CFS @ 4175' Dolo Cmn-Tan Dns Mxln Poor bxn Pin-Pt Ø Grad Sucrosic Ø (w/SSG & SS Dead Blk Stn-2 Pcs) Tr Odor Sli Flor (Few Pcs) SSG in Drk Blk Dead Stn V Sli Show

Dolo Cmn-Tan Dns Mxln Poor bxn Pin-Pt Ø (w/SSG & SSO w/ 1 Droplet Under Heat in Wtr) Gas/Oil Does Flor (Lt Gm) Cht Cmn-Tan-Org Translu-Op w/ SSG & Drk Blk Dead Stn Tr Odor Sli Flor (Few Pcs) SSG & Drk Blk Dead Stn V Sli Show

Dolo Wht-Cmn-Tan Dns Mxln (w/Pyr Includ) Poor bxn Ø (w/SSG & SSO w/ 1 Droplet Under Heat in Wtr) Gas/Oil Does Flor (Lt Gm) Ls Wht-Frosted- Clear-Sli Op (w/SSG & Drk Blk Dead Stn) Tr Odor Sli Flor SSG & Drk Blk Dead Stn V Sli Show

Dolo Wht-Cmn-Tan Dns Mxln Poor bxn Ø Grad Sucrosic Poor-No Vis Ø Cht Wht Transl-Op Shp Pyr Fos (Crin) Sh Char-Gm No Odor No Flor No Stn NS

Dolo Wht-Cmn-Tan Dns Mxln Poor bxn Ø Grad Sucrosic Poor-No Vis Ø Cht Wht Transl-Op Shp Pyr Mass Fos (Crin) Sh Char-Gm No Odor No Flor No Stn NS

Dolo Wht Mxln Poor bxn Pin-Pt Ø (w/SSG Under Heat in Wtr) Gas Does Not Flor (Lt Gm) Cht Wht- Cmn Op (w/SSG in Drk Blk Dead Stn) No Odor Sli Flor (Lt Gm) (3 Pcs) SSG & Drk Blk Dead Stn V Sli Show

Dolo Wht Mxln Poor bxn Pin-Pt Ø Cht Wht- Cmn Op No Stn No Odor No Flor No Stn NS

Dolo Wht Mxln Poor bxn Pin-Pt Ø Cht Wht- Cmn Op No Stn ? Faint- No Odor No Floor No Stn NS

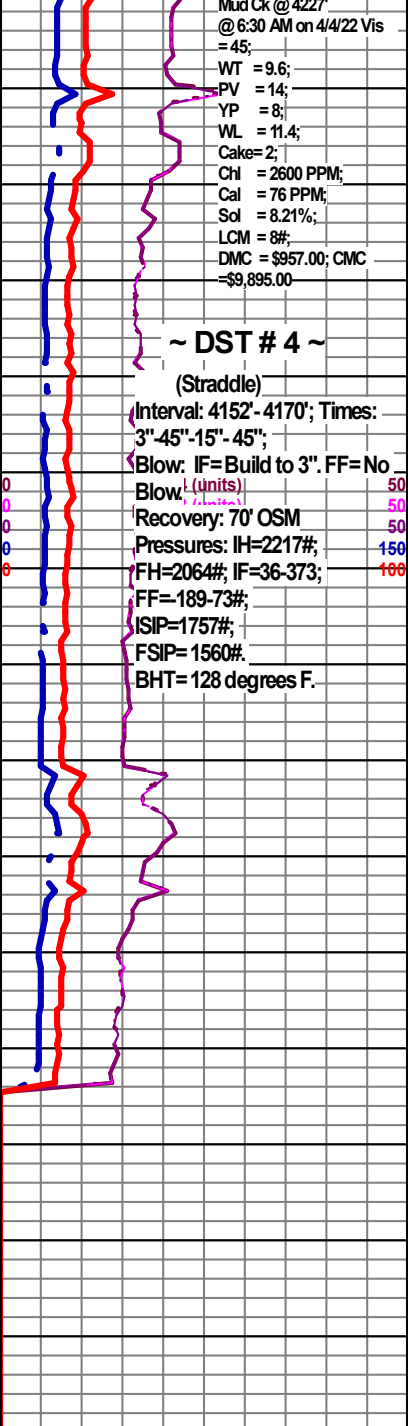
15" Dolo Wht-Tan Dns Mxln Poor bxn Ø Grad Sucrosic Fair Vis bxn Ø Calc Wht-Clear Op (Has Lt Gm Min Flor) Cht Wht Op Dns Chalk (VAbd) Sh Blk Carb-Char-Gm ? Faint-No Odor Tr Flor AA No Stn NS

30" CFS @ 4265' Dolo Wht-Tan Dns Mxln Poor bxn Ø Grad Sucrosic Fair Vis bxn Ø Calc Wht-Clear Op (Has Lt Gm Min Flor) Cht Wht Op Dns Chalk (VAbd) Sh Blk Carb-Char-Gm ? Faint-No Odor Tr Flor AA No Stn NS

45" CFS @ 4265' Dolo AA Chalk AA (VAbd) Sh AA No Odor No Flor NS

Electric Logs Run: By ELI Logging: Dual Induction; Compensated Density-Neutron, Sonic and Microresistivity Logs.

Geologist Released From Locatom @ 9:45 P.M. on 4/05/2022.





810 E 7TH  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**

Ticket No. **6307**  
 Foreman Kevin McCoy  
 Camp EUREKA

API #15-191-22843

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
3-29-22	1435	DeBUHR A #1-9	9	345	1E	SUMNER	Ks
Customer <u>McCoy Petroleum</u>		Safety Meeting KM AM SF	Unit #	Driver		Unit #	Driver
Mailing Address <u>9342 E. CENTRAL</u>			<u>104</u>	<u>ALAN M.</u>			
City <u>Wichita</u>			<u>110</u>	<u>SHANNON F.</u>			
State <u>Ks</u>	Zip Code <u>67206</u>						

Job Type SURFACE Hole Depth 278' KB Slurry Vol. 55 BBL Tubing \_\_\_\_\_  
 Casing Depth 260' G.L. Hole Size 12 1/4 Slurry Wt. 14.8 # Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 8 5/8 Cement Left in Casing 20' Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 16.2 BBL Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting: Rig up to 8 5/8 CASING. BREAK CIRCULATION w/ 10 BBL FRESH WATER. Mixed 250 SKS 60/40 Pozmix Cement w/ 3% CaCl2, 2% Gel, 1/4" Floseal/SK @ 14.8 #/GAL yield 1.24 = 55 BBL SLURRY. Displace w/ 16.2 BBL FRESH WATER. Shut CASING IN. Good Cement Returns to SURFACE = 14 BBL SLURRY to Pit. Job Complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 101	1	Pump Charge	890.00	890.00
C 107	90	Mileage	4.20	378.00
C 203	250 SKS	60/40 Pozmix Cement	14.75	3687.50
C 205	650 #	CaCl2 3%	.69 #	448.50
C 206	430 #	Gel 2%	.28 #	120.40
C 209	62 #	Floseal 1/4"/SK	2.60 #	161.20
C 108.B	10.75 TONS	Ton Mileage 90	1.40	1354.50
			Sub Total	7040.10
			Less 5%	368.57
			Sales Tax	331.32
Authorization <u>By Charlie Coulter</u> Title <u>Lighthouse Drilling Toolpusher</u>			Total	7002.85

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.



810 E 7TH  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**  
 Ticket No. **6296**  
 Foreman David Gardner  
 Camp Eureka

API # 15-191-22843

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
4-6-22	1435	Debuhr "A" #1-9	9	34S.	1E.	Sumner	KS
Customer		Safety Meeting		Unit #	Driver	Unit #	Driver
McClay Petroleum Corporation		DG JH BW		105	Jason		
Mailing Address				113	Broker		
9342 E. Central							
City	State	Zip Code					
Wichita	KS	67206					

Job Type Longstring Hole Depth 4265' KB. Slurry Vol. 57 Bbl Tubing \_\_\_\_\_  
 Casing Depth 4252.42' G.L. Hole Size 7 7/8" Slurry Wt. 13.8# Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 5 1/2" 15.50# Cement Left in Casing 21.30' S.S. Water Gal/SK 9.0 Other \_\_\_\_\_  
 Displacement 104 1/4 Bbl Displacement PSI 900 Bump Plug to 1400 PSI BPM \_\_\_\_\_

Remarks: Safety Meeting: 5 1/2" 15.50# Casing set @ 4252.42' G.L. Rig up to 5 1/2" w/ mud pump. Circulate for 1 HR. Rig up to 5 1/2" Casing w/ Cement Head & Manifold. Break circulation w/ 10 Bbl fresh water. Mixed 150 SKS Thick Set Cement w/ 5# Kolseal/sk, 1# Phenoseal/sk, 1/8% CFL-115 @ 13.8#/gal, yield 1.72 = 57 Bbl slurry. Wash out pump & lines. Shut down. Release Latch Down Plug. Displace plug to seat w/ 104 1/4 Bbl fresh water. (KCL in 1st 40 Bbl). Final pumping pressure of 900 PSI. Bump plug to 1400 PSI. Wait 2 mins. Release pressure. Float & plug held Good circulation @ all times while cementing. Job complete. Rig down.

Plug R.H. w/ 20 SKS + M.H. w/ 15 SKS.  
Centralizers on # 104-S.S., 2, 4, 6

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C102A	1	Pump Charge	1500.00	1500.00
C107	90	Mileage	4.50	405.00
C201	185 SKS	Thick Set Cement	24.25	4486.25
C207	925#	Kolseal 5#/sk	.56	518.00
C208	185#	Phenoseal 1#/sk	1.55	286.75
C211	20#	CFL-115 1/8%	12.95	259.00
C108B	10.17 Tons	Ton Mileage - Bulk Truck	1.50	1372.95
C691	1	5 1/2" Guide Shoe	207.00	207.00
C674	1	5 1/2" AFU Float Collar w/ Latch Down Insert	423.00	423.00
C504	4	5 1/2" x 7 7/8" Centralizers	59.00	236.00
C421	1	5 1/2" Latch Down Plug	285.00	285.00
C222	2 Gals.	KCL (In 1st 40 Bbl Displacement water)	32.00	64.00
Thank You			Sub Total	10,042.95
			Less 5%	527.52
			Sales Tax 7.5%	507.37
Authorization <u>David Gardner</u> Title _____			Total	10,022.80

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.