

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	GRESSEL 'A' 1-1
Doc ID	1648158

All Electric Logs Run

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

Additional ACO-1 Information

SAMPLE TOPS

McCoy Petroleum Corp.
Gressel 'A' #1-1
W2 SE SE SE
330'FSL & 615'FEL
Sec 1-34s-1e
KB: 1250'

	Depth	Datum
Heebner	2234	- 984
Iatan	2507	-1257
Stalnaker Sand	2578	-1328
Stalnaker Base	2646	-1396
Lansing (Lignite)	2934	-1684
Upper Layton Sand	2958	-1708
Lower Layton Sand	3024	-1774
Stark Shale	3148	-1898
Marmaton	3298	-2048
Altamont	3315	-2065
Cherokee Shale	3424	-2174
Ardmore Shale	3485	-2235
Miss Chert	3566	-2316
Woodford Shale	3792	-2542
Simpson Sand	3830	-2580
Arbuckle	3910	-2660
RTD	3920	-2670

LOG TOPS

McCoy Petroleum Corp.
Gressel 'A' #1-1
W2 SE SE SE
330'FSL & 615'FEL
Sec 1-34s-1e
KB: 1250'

	Depth	Datum
Heebner	2218	- 968
Iatan	2504	-1254
Stalnaker Sand	2546	-1296
Stalnaker Base	2646	-1396
Lansing (Lignite)	2942	-1692
Upper Layton Sand	2952	-1702
Lower Layton Sand	3003	-1753
Stark Shale	3150	-1900
Marmaton	3298	-2048
Altamont	3340	-2090
Cherokee Shale	3419	-2169
Ardmore Shale	3479	-2229
Miss Chert	3565	-2315
Woodford Shale	3792	-2542
Simpson Sand	3828	-2578
Arbuckle	3900	-2650
LTD	3920	-2670



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corp.
9342 E Central Ave.
Wichita, Ks. 67206
ATTN: Dave Williams

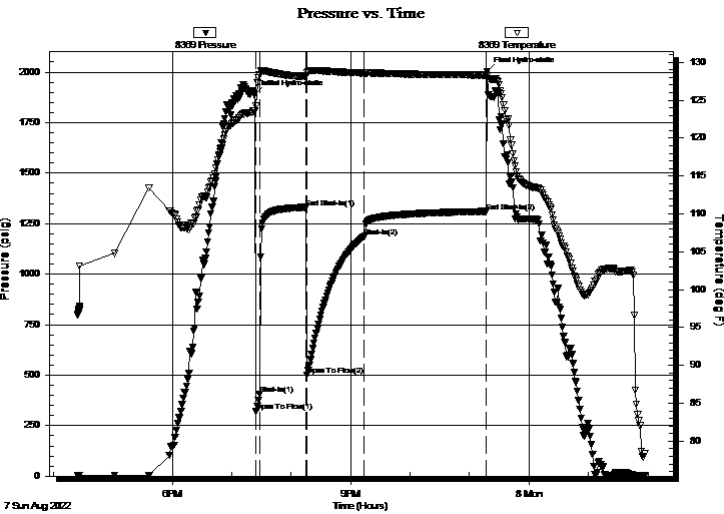
1-34S-1E Sumner, Ks
Gressel A #1-1
Job Ticket: 69528 **DST#: 1**
Test Start: 2022.08.07 @ 16:24:32

GENERAL INFORMATION:

Formation: **Simpson Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:24:32
Time Test Ended: 01:57:21
Interval: **3830.00 ft (KB) To 3845.00 ft (KB) (TVD)**
Total Depth: 3845.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Eric Burgess
Unit No: 80
Reference Elevations: 1250.00 ft (KB)
1238.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8369 Outside
Press@RunDepth: 1184.78 psig @ 3831.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2022.08.07 End Date: 2022.08.08 Last Calib.: 1899.12.30
Start Time: 16:24:33 End Time: 01:57:21 Time On Btm: 2022.08.07 @ 19:23:22
Time Off Btm: 2022.08.07 @ 23:17:52

TEST COMMENT: IF: Strong Building Blow built to 55.73" B.O.B 1 min. (3)
IS: No Blow Back (45)
FF: Strong Building Blow built to 185" but died back to 113.38" (60)
FS: No Blow Back (120)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1887.91	123.56	Initial Hydro-static
2	320.86	124.30	Open To Flow (1)
5	406.10	128.34	Shut-In(1)
52	1330.38	128.11	End Shut-In(1)
53	499.75	128.63	Open To Flow (2)
110	1184.78	128.58	Shut-In(2)
234	1310.83	128.32	End Shut-In(2)
235	2003.93	128.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2196.00	W 100%W	30.98

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp.

1-34S-1E Sumner, Ks

9342 E Central Ave.
Wichita, Ks. 67206

Gressel A #1-1

Job Ticket: 69528

DST#: 1

ATTN: Dave Williams

Test Start: 2022.08.07 @ 16:24:32

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:

3000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2196.00	W 100%W	30.979

Total Length: 2196.00 ft Total Volume: 30.979 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

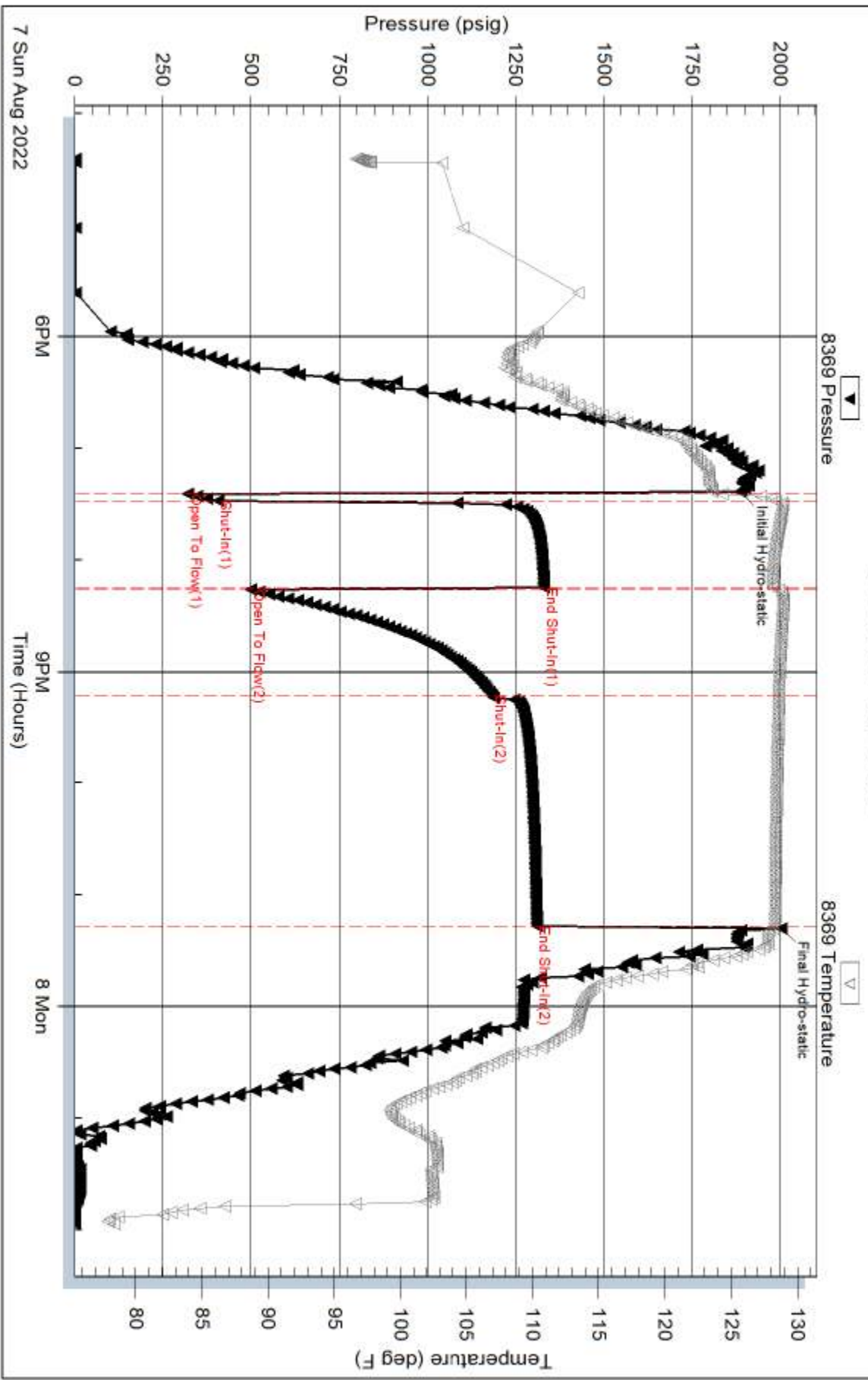
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



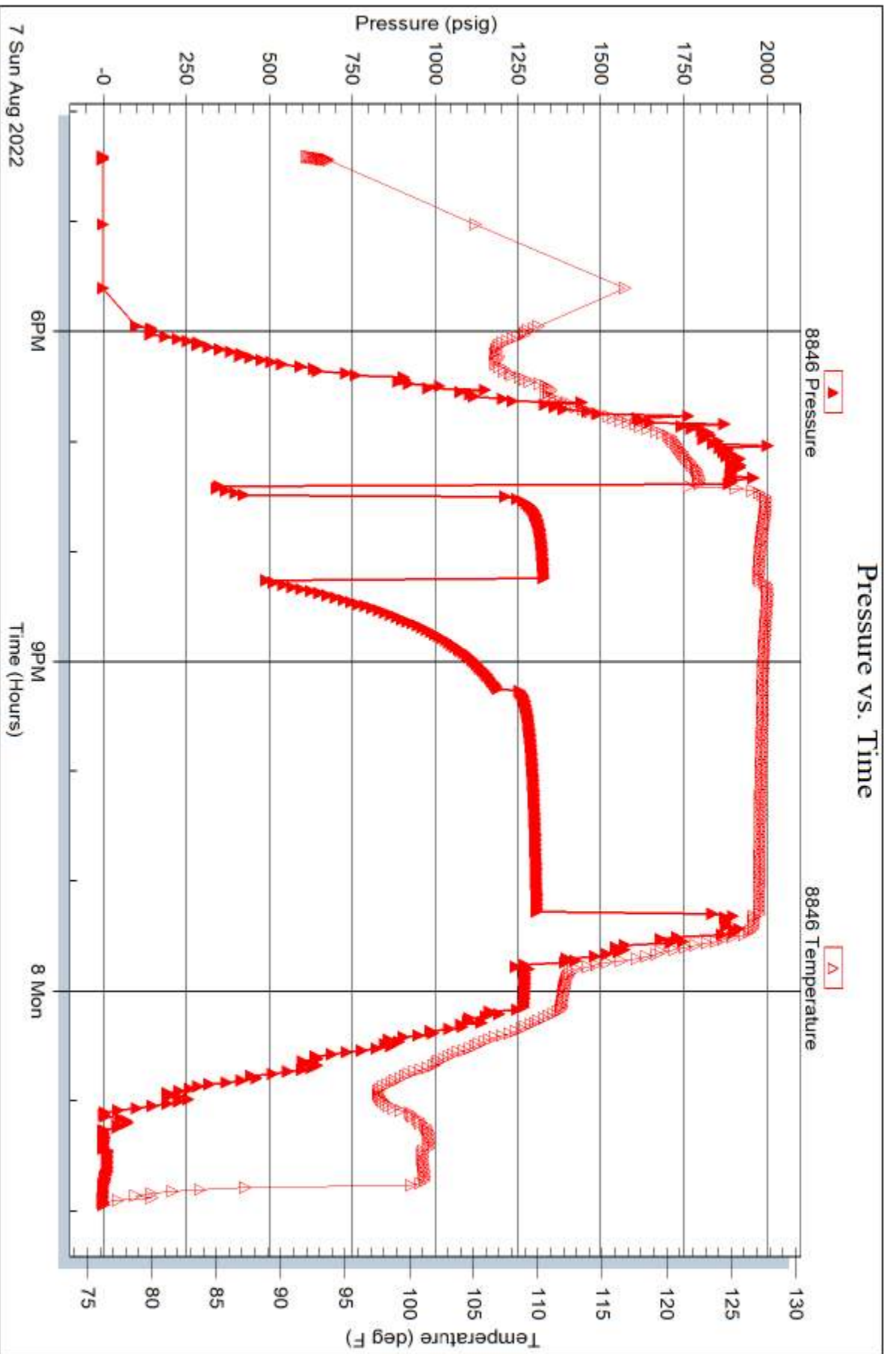
Serial #: 8846

Inside

McCoy Petroleum Corp.

Gressel A #1-1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 69528

Printed: 2022.08.08 @ 07:06:33



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corp.
 9342 E Central Ave.
 Wichita, Ks. 67206
 ATTN: Dave Williams

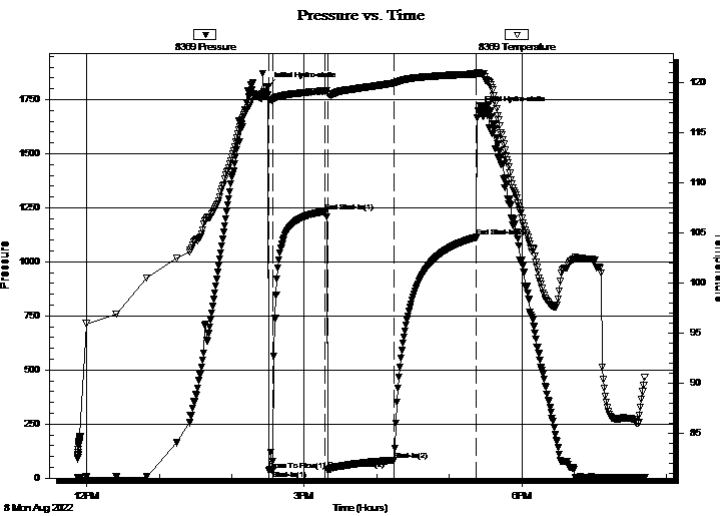
1-34S-1E Sumner, Ks
Gressel A #1-1
 Job Ticket: 69529 **DST#: 2**
 Test Start: 2022.08.08 @ 11:52:24

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:30:44
 Time Test Ended: 19:42:03
 Interval: **3570.00 ft (KB) To 3610.00 ft (KB) (TVD)**
 Total Depth: 3920.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Eric Burgess
 Unit No: 80
 Reference Elevations: 1250.00 ft (KB)
 1238.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8369 Outside
 Press@RunDepth: 83.12 psig @ 3573.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.08.08 End Date: 2022.08.08 Last Calib.: 2022.08.08
 Start Time: 11:52:25 End Time: 19:42:04 Time On Btm: 2022.08.08 @ 14:30:04
 Time Off Btm: 2022.08.08 @ 17:24:03

TEST COMMENT: IF:Weak Building Blow built 1" (3)
 IS:No Blow Back (45)
 FF:Weak Building Blow built 1" (60)
 FS:No Blow Back (60)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1809.59	118.73	Initial Hydro-static
1	34.77	118.30	Open To Flow (1)
4	34.79	118.22	Shut-In(1)
48	1232.64	119.17	End Shut-In(1)
49	38.84	118.85	Open To Flow (2)
104	83.12	119.92	Shut-In(2)
173	1113.20	120.84	End Shut-In(2)
174	1698.40	120.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Muddy watre 90% Water 10% Mud	1.50

* 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.

1-34S-1E Sumner, Ks

9342 E Central Ave.
Wichita, Ks. 67206

Gressel A #1-1

Job Ticket: 69529

DST#: 2

ATTN: Dave Williams

Test Start: 2022.08.08 @ 11:52:24

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: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Muddy watre 90% Water 10% Mud	1.497

Total Length: 180.00 ft Total Volume: 1.497 bbl

Num Fluid Samples: 0

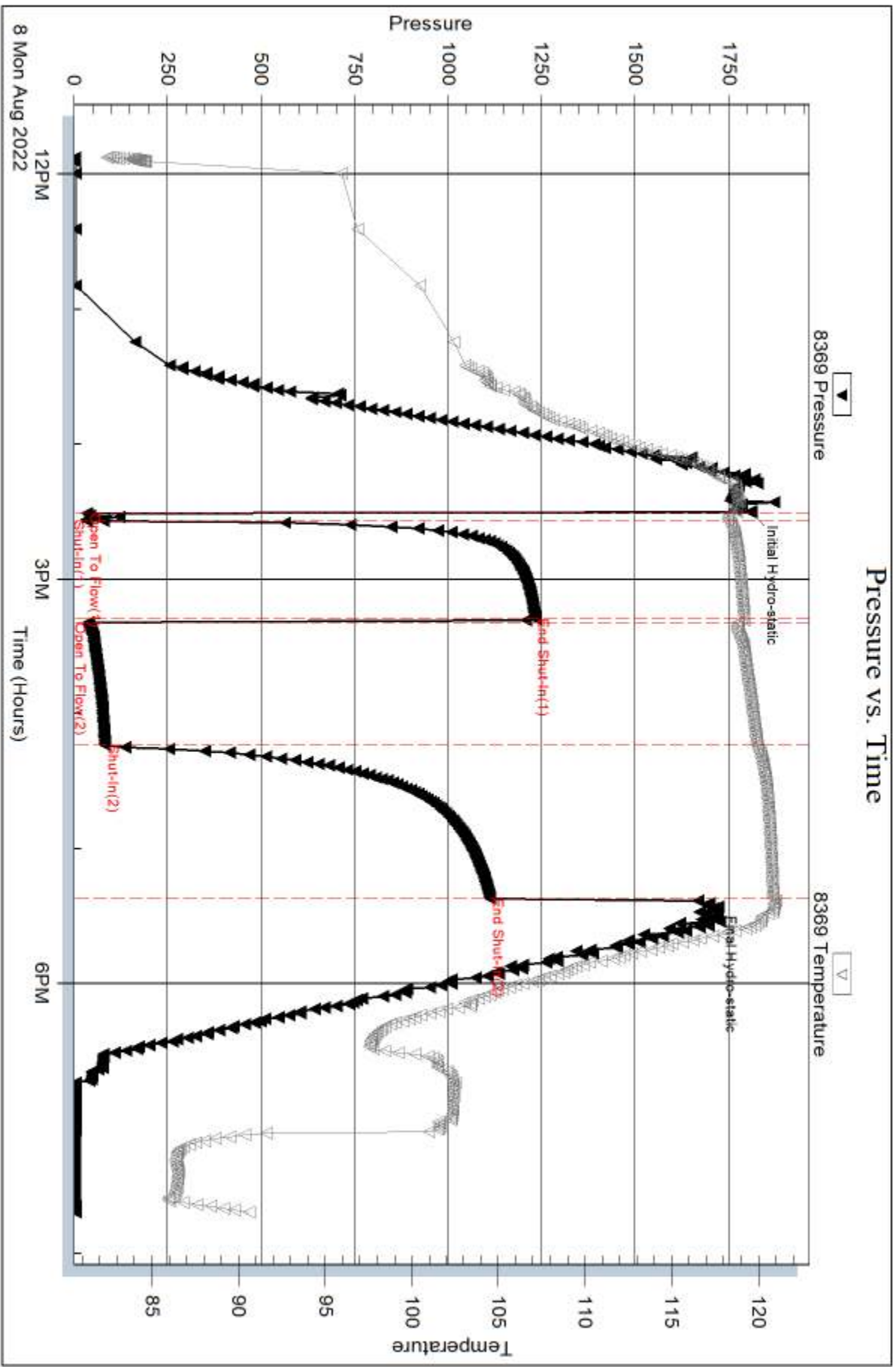
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

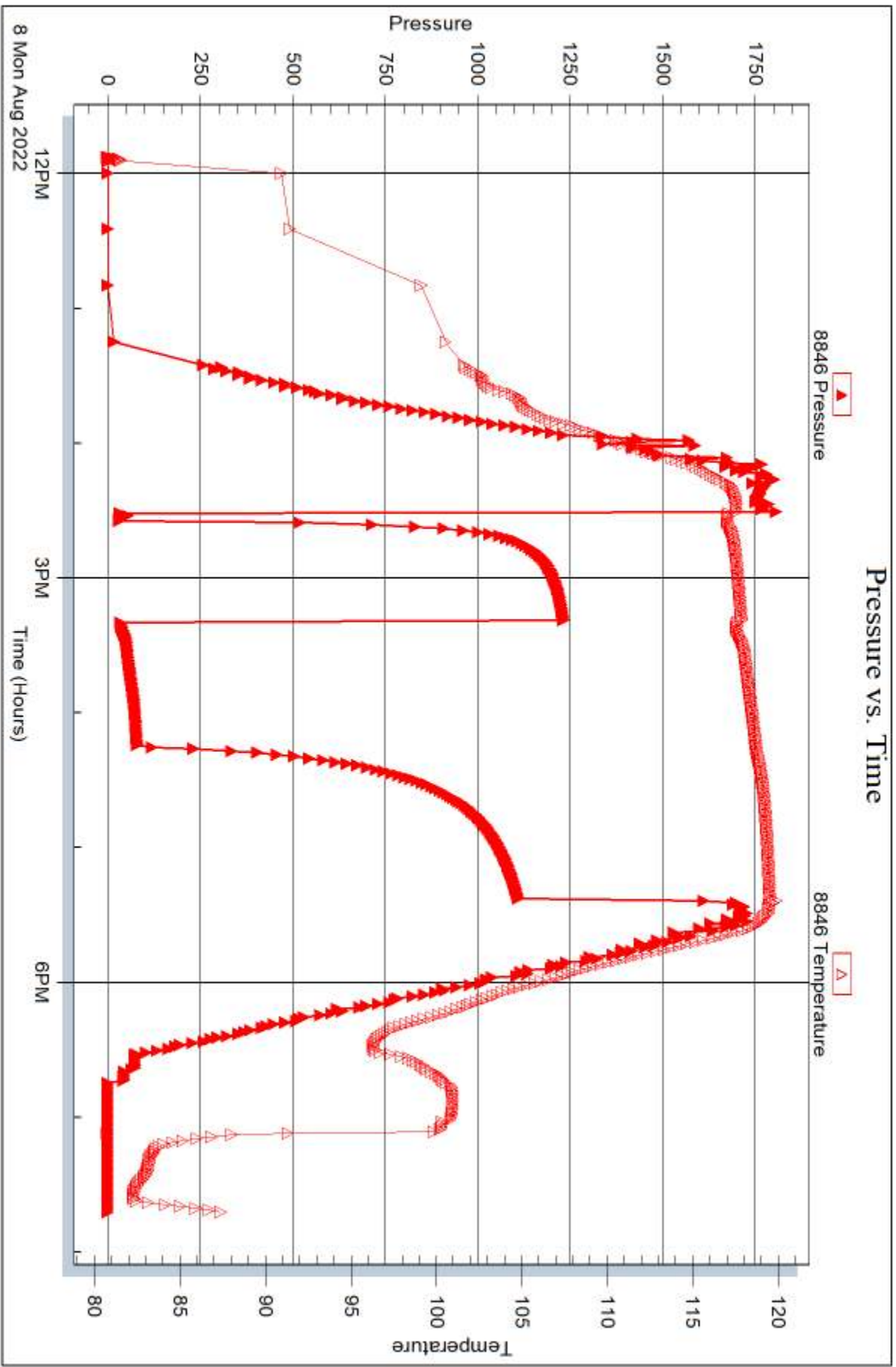


Serial #: 8846

Outside McCoy Petroleum Corp.

Gressel A #1-1

DST Test Number: 2

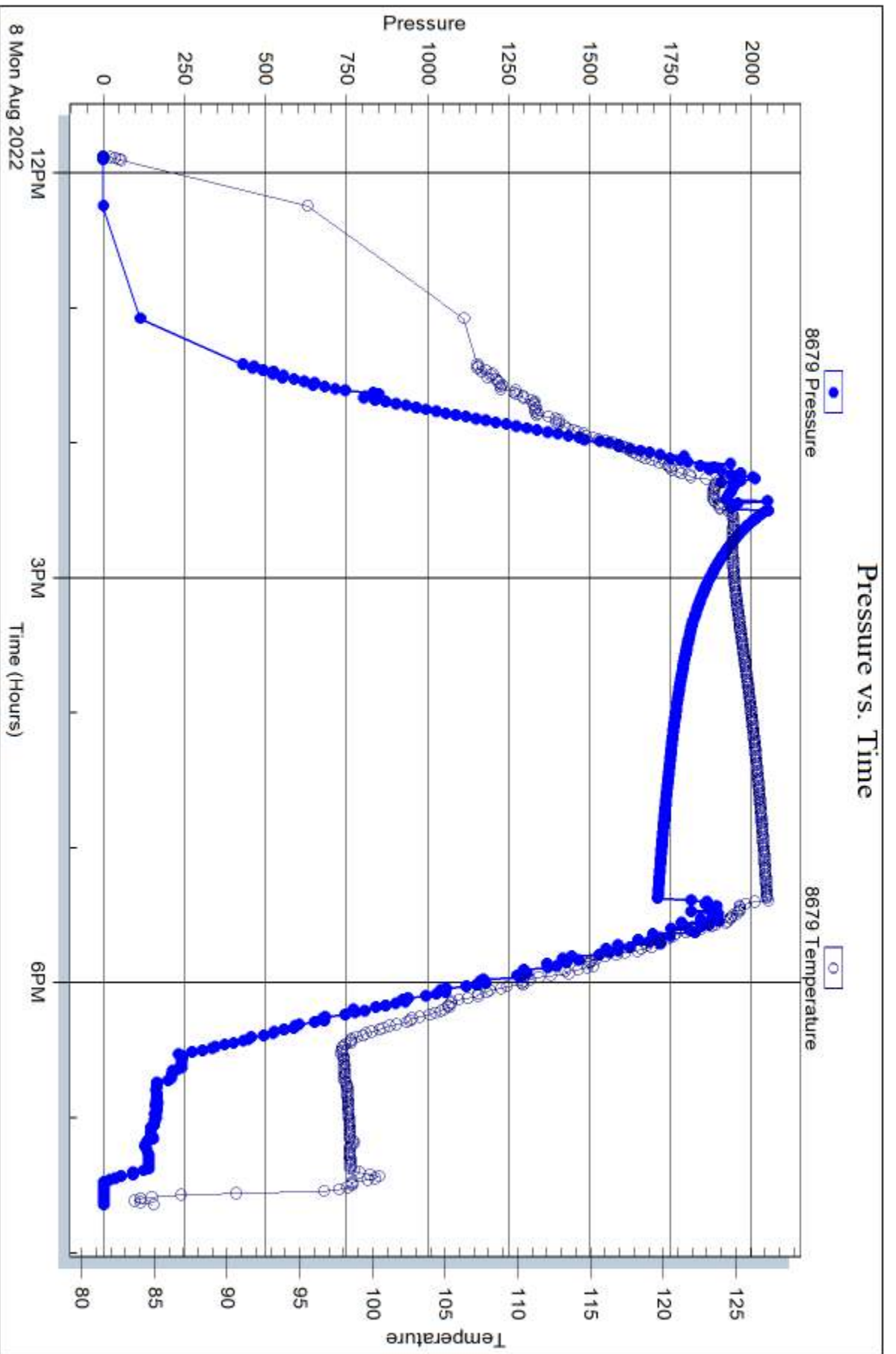


Serial #: 8679

McCoy Petroleum Corp.

Gressel A #1-1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 69529

Printed: 2022.08.08 @ 22:37:42



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

Well Name: GRESSEL "A" 1-1
API: 15-191-22,850-00-00
Location: W/2 - SE - SE - SE SEC. 1 - T. 34 S. - 1 E.
License Number: 5003 (KCC) **Region:** SUMNER CO.
Spud Date: 08/02/2022 **Drilling Completed:** 08/08/2022
Surface Coordinates: 330' FSL & 615' FEL SEC. 1 - T. 34 S. - 1 E.

**Bottom Hole
Coordinates:**
Ground Elevation (ft): 1238' **K.B. Elevation (ft):** 1250'
Logged Interval (ft): 251' **To:** 3920' **Total Depth (ft):** 3920
Formation: ARBUCKLE
Type of Drilling Fluid: Chemical/Polymer/Gel With Mud Displacement at:

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 & Deviation Survey's

8 5/8" SURFACE CASING Set at 251' KB. Elite cemented with 220 sacks of 60/40 Pozmix, 3%CC, 2% gel, 1/4# Flowseal. Cement circulated.

DEVIATION SURVEYS: @ 500'= 1.0 DEGREE; @ 1030'= 0.75 DEGREE; @ 1520'= 1.0 DEGREE; @ 2012' = 1.0 DEGREE; @ 2515' = 1.0 DEGREE; @ 3324' = 2.0 DEGREES; @ 3829' = 2.25 DEGREES;

DSTs

~ DST # 1 ~ Interval: 3830'- 3845'

IF: 3 min., Strong building blow (56 inches);

ISI: 45 min., No blow back;

FF: 60 min. Strong building blow (185 inches & died back to 113 inches);

FSI: 120 min. No blow back;

Recovery: 2,196' Salt Water; API Rw =1.86 @ 79 Degrees F.; Chlorides = 3000 Ppm.;

Pressures: IH = 1888#; FH = 2004#; IF = 321-406; FF = 500-1185;

ISIP = 1330#; FSIP = 1311#; BHT= 128 Degrees F.

~ DST # 2 ~ Interval: 3570'- 3610'

IF: 3 min., Weak blow (1 inch) No Blow Back; FF: 60 min. Weak blow (1 inch) No Blow Back;

ISIP: 45 min. No Blow Back,

FSIP: 60 min. No Blow Back;

Recovery: 180' Water; Chlorides =7500 Ppm.;

Pressures: IH = 1810#; FH = 1698#; IF = 35-35#; FF = 39-83#;

ISIP = 1233#; FSIP = 1113#; BHT= 120 Deg. F.; API RW= 68 @ 85 Deg. F.

Comments

After review of all geologic samples as examined, combined with the analysis from a drill stem test and from the electric logs run, it was determined by all parties that this well is non-commercial and should be plugged and abandoned as a dry hole.

Respectfully submitted,

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

LITHOLOGIC GUIDELINES ARE 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.

WACKESTONE; 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.).









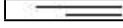

CRYSTALLINE CARBONATE; carbonate rock retaining to little of their depositional texture to Be classified.

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

ROCK TYPES

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

- MINERAL**
- Anhy
 - Arggrn
 - Arg
 - Bent
 - Bit
 - Breclfrag
 - Calc
 - Carb
 - Chtdk
 - Chtlt
 - Dol
 - Feldspar
 - Ferrpel
 - Ferr
 - Glau
 - Gyp

- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

- FOSSIL**
- Algae
 - Amph

- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Fuss
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet

- Pisolite
 - Plant
 - Strom
- STRINGER**
- Anhy
 - Arg
 - Bent
 - Coal
 - Dol
 - Grnsh
 - Grysh
 - Gyp
 - Ls
 - Mrst
 - Sltstrg
 - Ssstrg

- TEXTURE**
- Boundst
 - Chalky
 - Cryxln
 - Earthy
 - Finexln
 - Grainst
 - Lithogr
 - Microxln
 - Mudst
 - Packst
 - Wackest

OTHER SYMBOLS

- POROSITY**
- Earthy
 - Fenest
 - Fracture
 - Inter
 - Moldic
 - Oolite
 - Oomold

- Organic
- Pinpoint
- Vuggy

- SORTING**
- Well
 - Moderate
 - Poor

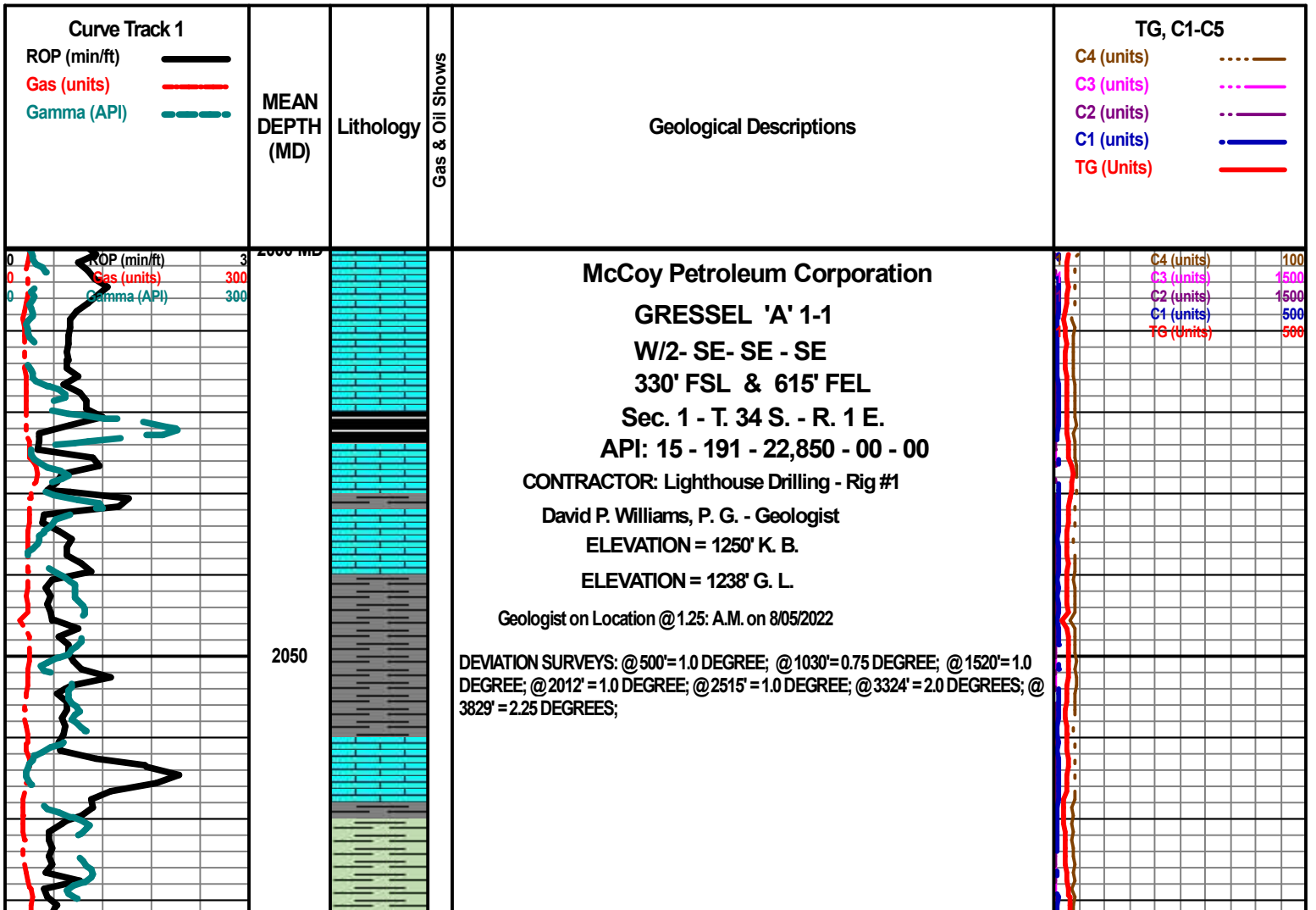
- ROUNDING**
- Rounded
 - Subrnd
 - Subang
 - Angular

- OIL SHOW**
- Gas show

- Even
- Spotted
- Ques
- Dead

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

- Dst_alt
- EVENT**
- Rft
 - Sidewall



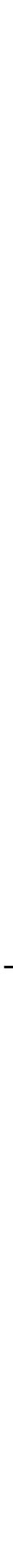
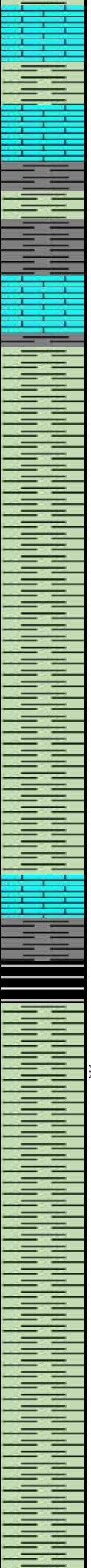
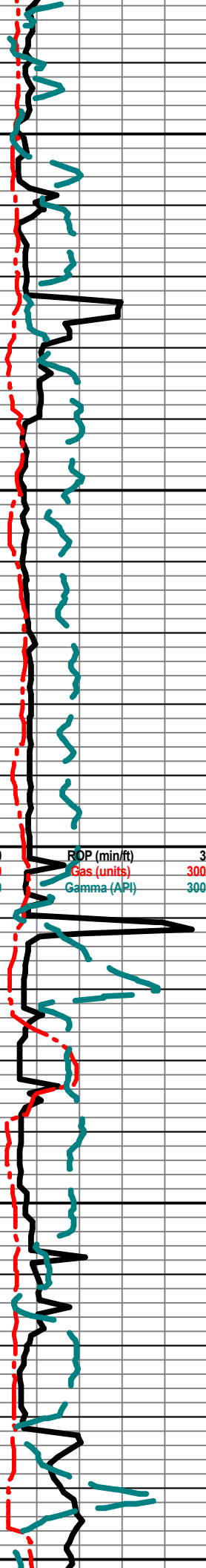
2100

2150

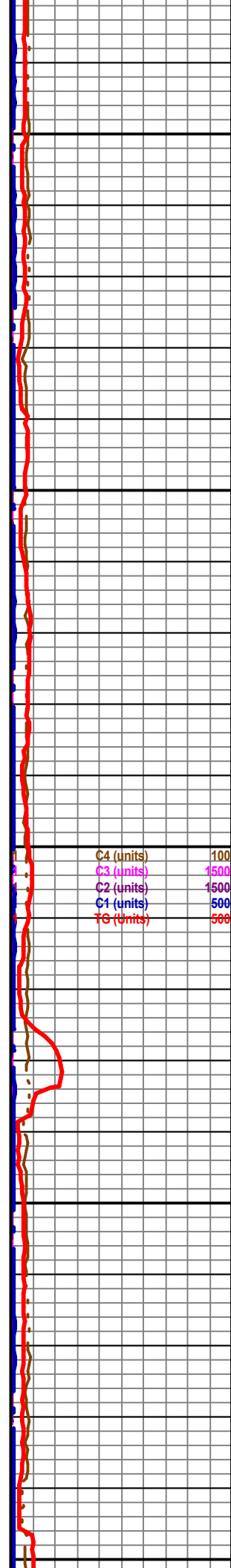
2200 MD

2250

2300



HEEBNER 2216' (- 966)



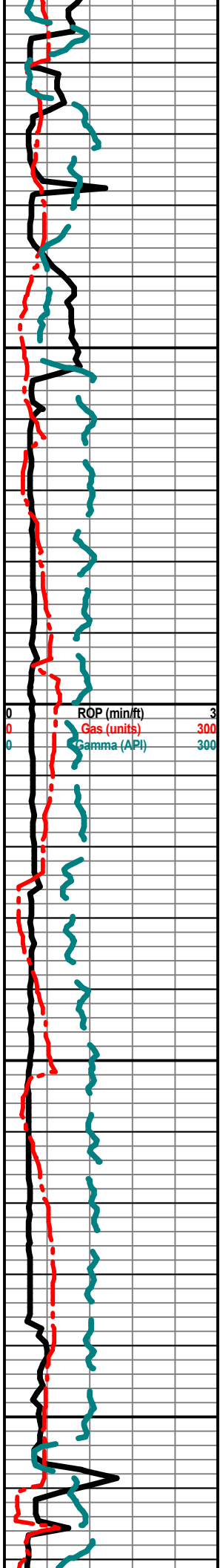
C4 (units)	100
C3 (units)	1500
C2 (units)	1500
C1 (units)	500
TG (Units)	500

2350

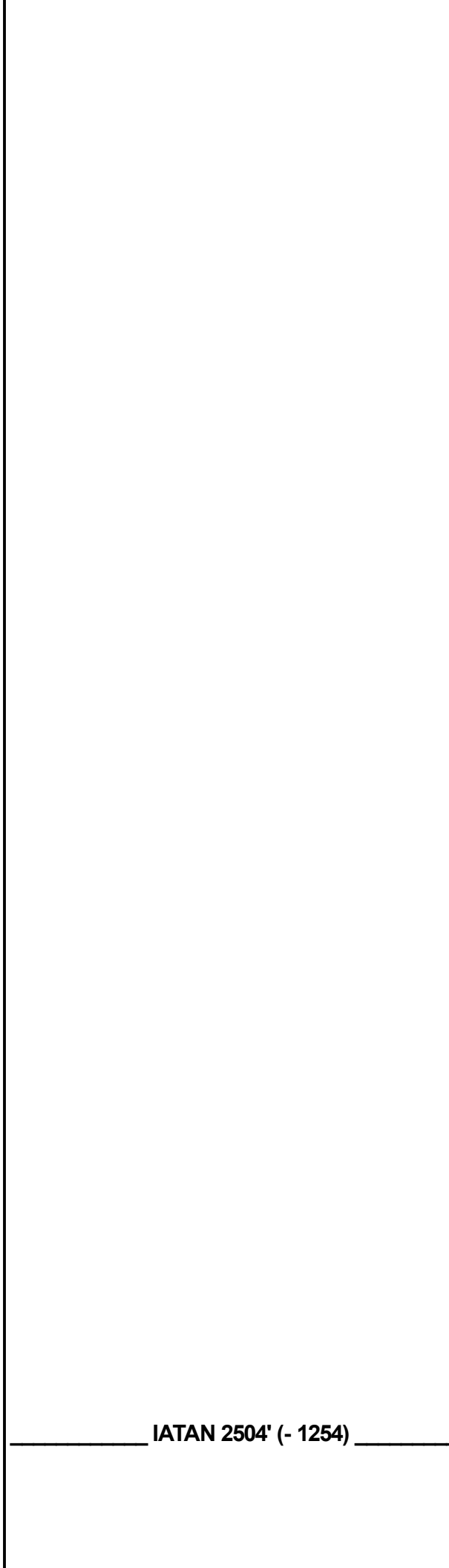
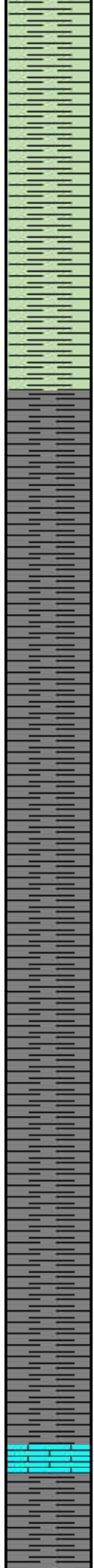
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2450

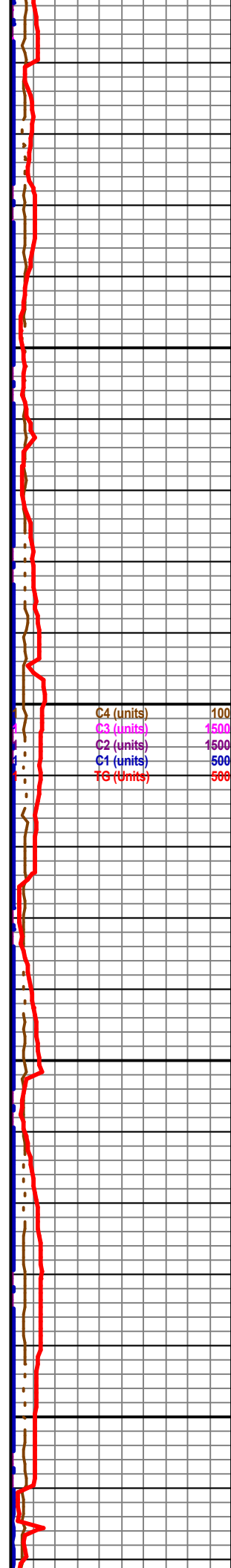
2500



0	ROP (min/ft)	3
0	Gas (units)	300
0	Gamma (API)	300



IATAN 2504' (- 1254)



C4 (units)	100
C3 (units)	1500
C2 (units)	1500
C1 (units)	500
TG (Units)	500

2550

2600 MD

2650

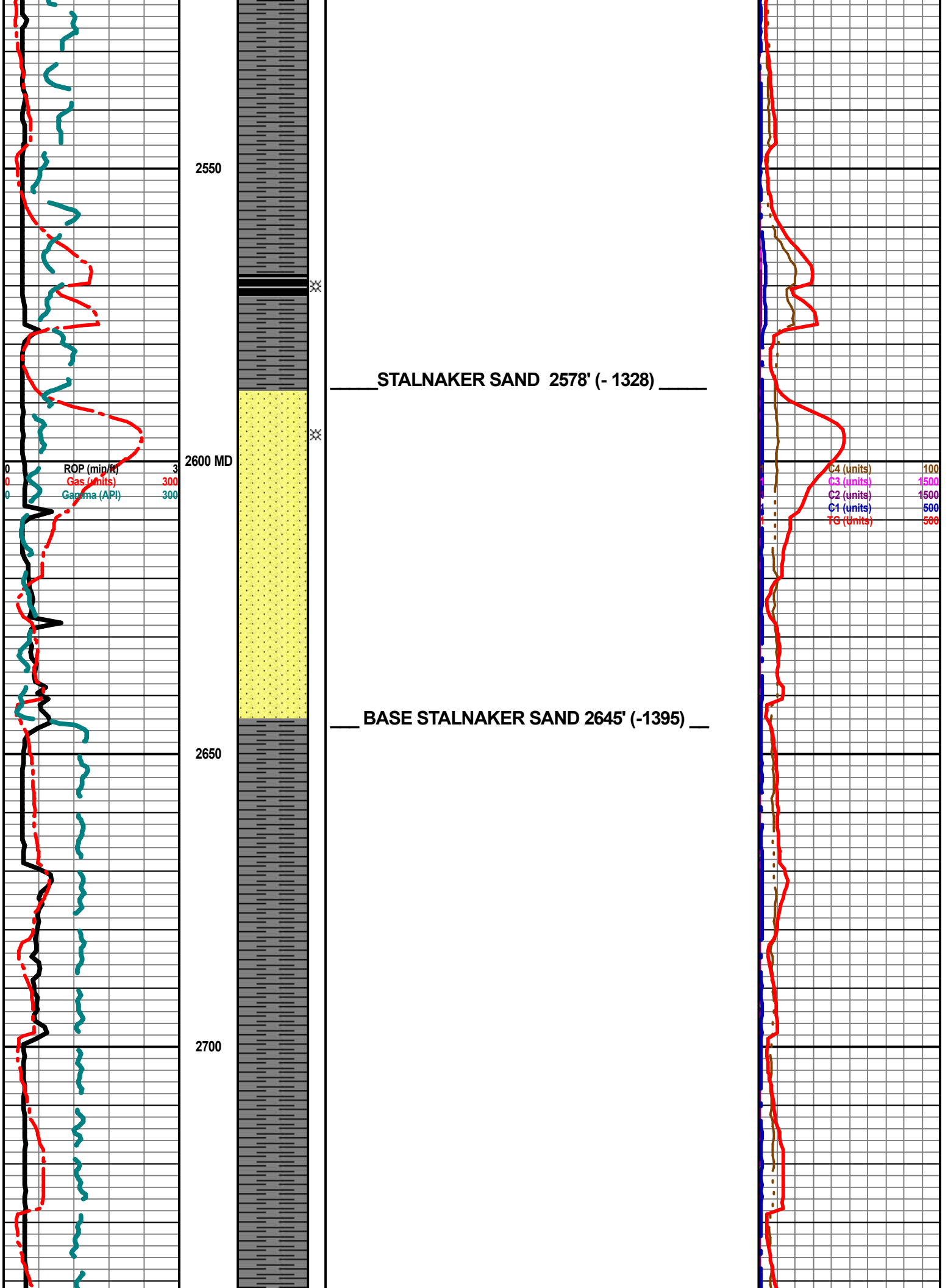
2700

STALNAKER SAND 2578' (- 1328)

BASE STALNAKER SAND 2645' (-1395)

ROP (mip/ft)	3
Gas (units)	300
Gamma (API)	300

C4 (units)	100
C3 (units)	1500
C2 (units)	1500
C1 (units)	500
TO (Units)	500



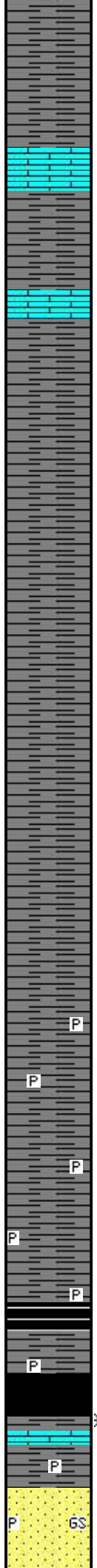
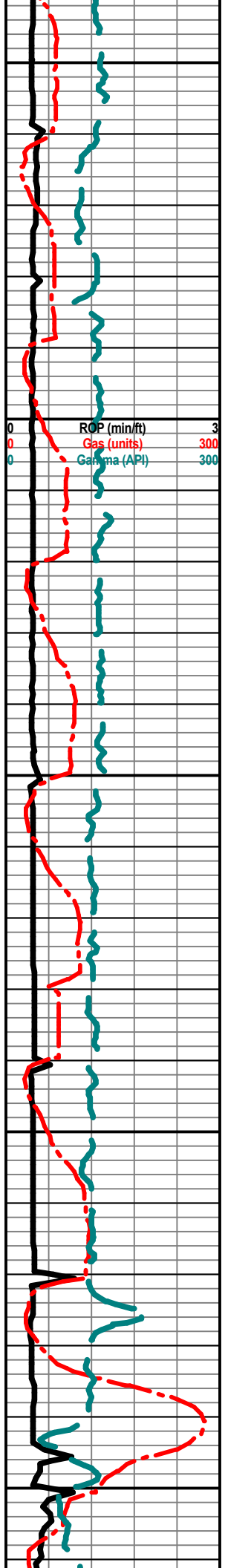
2750

2800 MD

2850

2900

2950



C4 (units) 100
 C3 (units) 1500
 C2 (units) 1500
 C1 (units) 500
 TG (Units) 500

NOTE: ALL SAMPLES HAVE BEEN LAGGED TO DEPTH BY CALCULATED TIME.

Begin 10' Sample Examination at 2900'

Sh Char-Drk Gry (w/Pyr Inclus) No Odor No Stn No Flor NS

P

Sh Char-Drk Gry (w/Pyr Inclus) No Odor No Stn No Flor NS

P

Sh Char-Drk Gry (w/Pyr Inclus) No Odor No Stn No Flor NS

P

Sh Char-Drk Gry (w/Pyr Inclus) No Odor No Stn No Flor NS

P

Sh Char-Drk Gry (w/Pyr Inclus) No Odor No Stn No Flor NS

P

___ LANSING (Lignite Marker) 2934' (- 1684) ___

P

Sh Blk Coal-Char-Drk Gry (w/Pyr Inclus) No Odor No Stn No Flor NS

✕

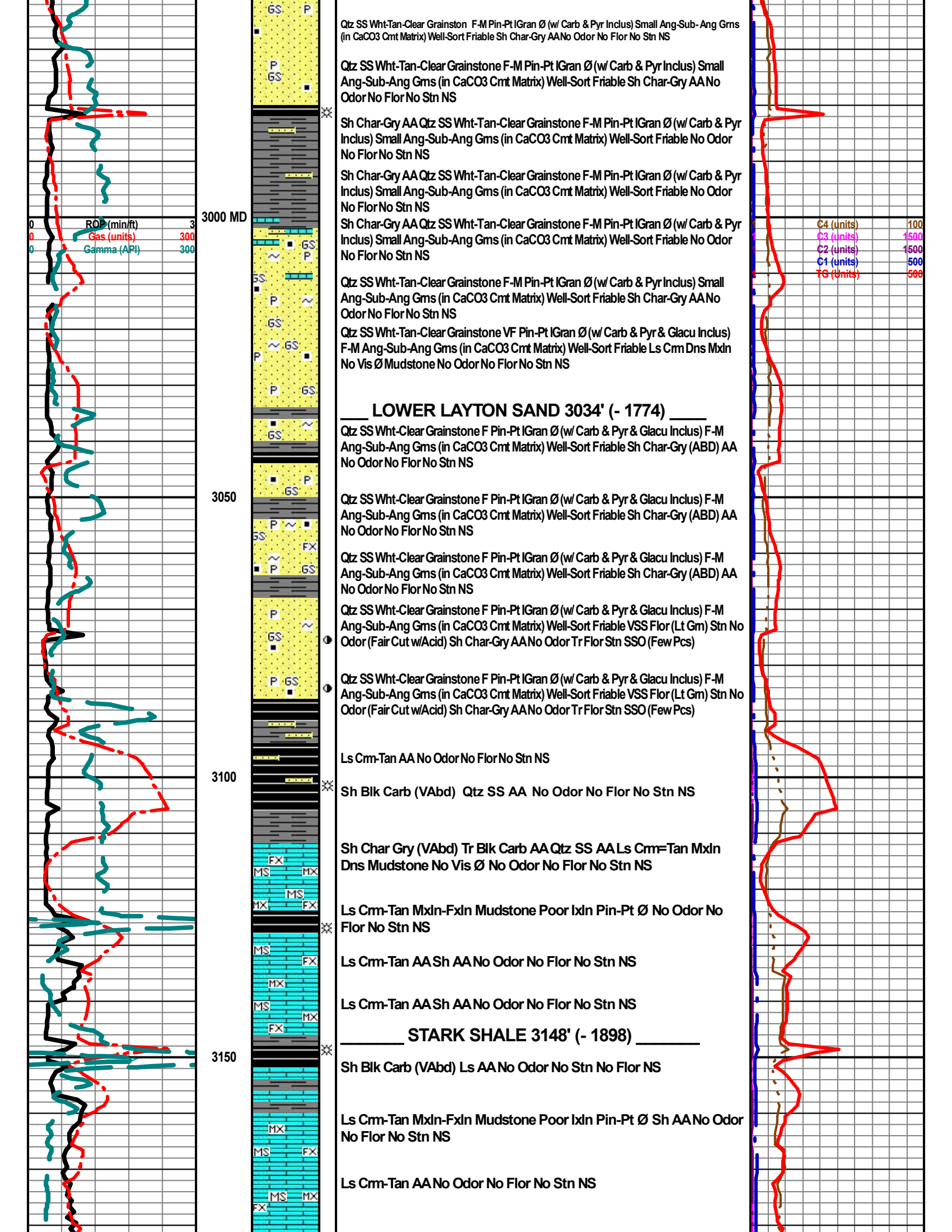
___ UPPER LAYTON SAND 2950' (- 1708) ___

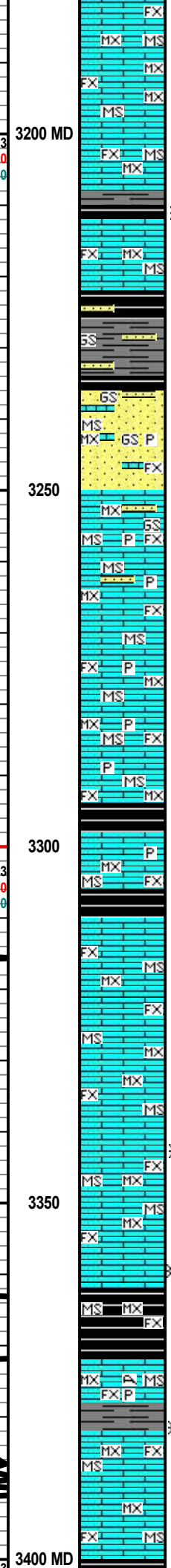
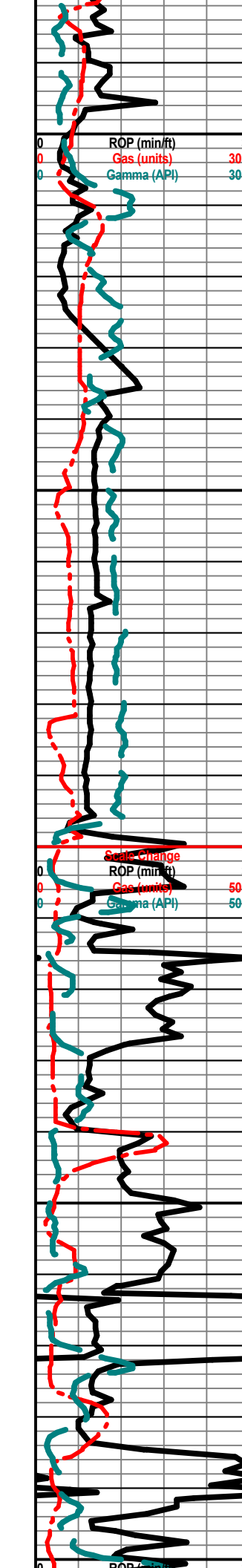
P

Sh Char-Drk Gry (w/Pyr Inclus) Qtz SS Wht-Tan-Clear Grainstone F-M Pin-Pt Igran Ø (w Carb & Pyr Inclus) Small Ang-Sub-Ang Gms (in CaCO3 Cmt Matrix) Well-Sort Friable No Odor No Stn No Flor NS

P

GS





Ls Crm-Tan AA No Odor No Flor No Stn NS

Ls Crm-Tan AA No Odor No Flor No Stn NS

Ls Crm-Tan AA No Odor No Flor No Stn NS

Ls Crm-Tan-Blk Carb AA No Odor No Flor No Stn NS

Sh Blk Carb Qtz Ss Wht-Gry Grainstone F Pin-Pt IGran Ø (w/ Carb, Pyr & Glacu Includ) F-M Ang-Sub-Ang Gms (in Hvy CaCO3 Cmt Matrix) Well-Sort V Friable Ls Crm-Tan Mxln-Fxln Mudstone Poor Ixln Pin-Pt Ø No Odor No Flor No Stn NS

Qtz Ss Wht-Gry Grainstone F Pin-Pt IGran Ø (w/ Carb, Pyr & Glacu Includ) F-M Ang-Sub-Ang Gms (in Hvy CaCO3 Cmt Matrix) Well-Sort V Friable Ls Crm-Tan Mxln-Fxln Mudstone Poor Ixln Pin-Pt Ø Sh Char-Gry-Blk Carb No Odor No Flor No Stn NS

Ls Crm-Tan Mxln-Fxln Mudstone Poor Ixln Pin-Pt Ø Qtz Ss Wht-Gry Grainstone F Pin-Pt IGran Ø (w/ Carb, Pyr & Glacu Includ) F-M Ang-Sub-Ang Gms (in Hvy CaCO3 Cmt Matrix) Well-Sort V Friable

Ls AA No Odor No Flor No Stn NS

Ls AA No Odor No Flor No Stn NS

Ls AA No Odor No Flor No Stn NS

MARMATON 3398' (- 2048)

Ls AA Sh Blk Carb-Chae-Gry (w/Pyr Includ) No Odor No Flor No Stn NS

ALTAMONT 3310' (- 2260)

Ls AA No Odor No Flor No Stn NS

Ls AA No Odor No Flor No Stn NS

Ls AA No Odor No Flor No Stn NS

Ls AA Sh Blk Carb No Odor No Flor No Stn NS

Ls AA Sh Blk Carb No Odor No Flor No Stn NS

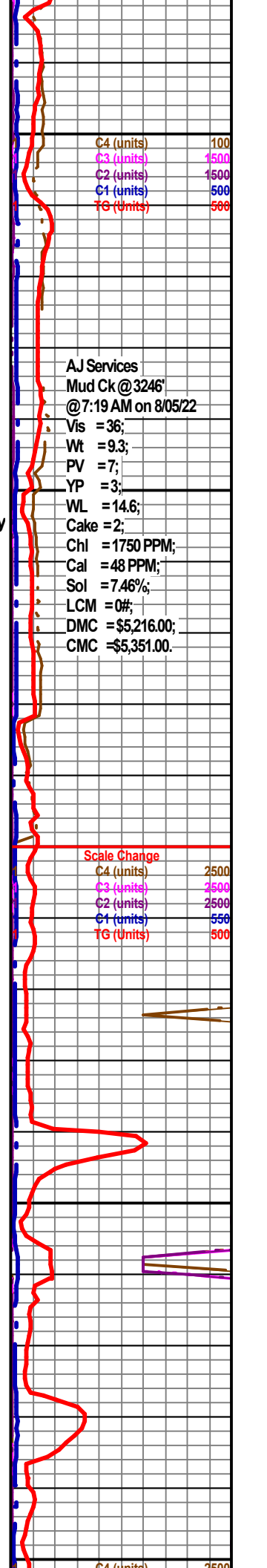
Ls AA Sh Blk Carb No Odor No Flor No Stn NS

Ls AA Fos (Coral w/Pyr Includ) Sh Blk Carb No Odor No Flor No Stn NS

Ls AA Sh Blk Carb No Odor No Flor No Stn NS

Ls AA Sh Blk Carb No Odor No Flor No Stn NS

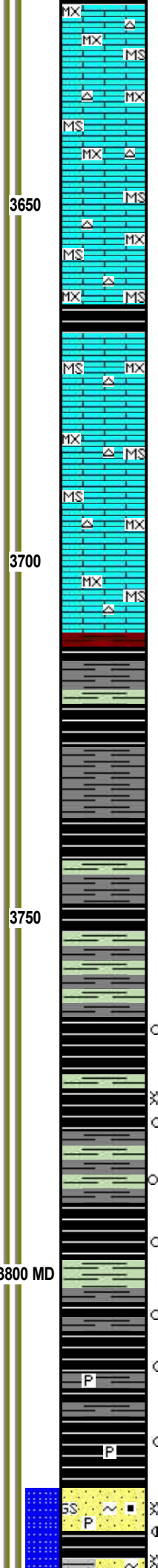
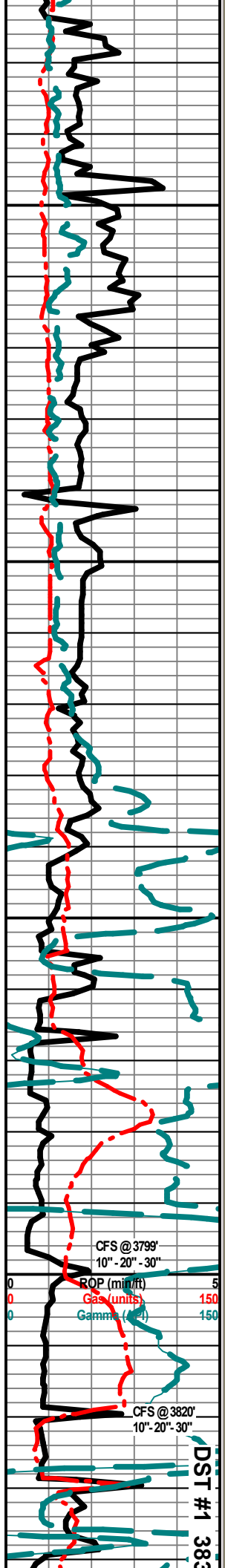
LABETTE SHALE 3400' (- 2150)



AJ Services
Mud Ck @ 3246'
@ 7:19 AM on 8/05/22
Vis = 36;
Wt = 9.3;
PV = 7;
YP = 3;
WL = 14.6;
Cake = 2;
Chl = 1750 PPM;
Cal = 48 PPM;
Sol = 7.46%;
LCM = 0#;
DMC = \$5,216.00;
CMC = \$5,351.00.

Scale Change
C4 (units) 2500
C3 (units) 2500
C2 (units) 2500
C1 (units) 550
TG (Units) 500

C4 (units) 2500



Ls Wht-Gry Dns Poor Mxln No Vis Ø Sh Blk Carb-Char-Gry No Odor No Flor No Stn NS

Ls Wht-Gry Dns Poor Mxln No Vis Ø Mudstone Cht Gry Translu-Op Shp Vit No Vis Ø (Tr Only) Sh AA No Odor No Flor No Stn NS

Ls Wht-Crm-Tan-Gry Mxln Mudstone Cht Wht Op Shp Sh Char-Gry-Maroon No Odor No Flor No Stn NS

Ls Wht-Crm-Tan-Gry Mxln Mudstone Cht Wht Op Shp Sh Char-Gry-Maroon No Odor No Flor No Stn NS

Ls Wht-Crm-Tan Mxln-Fxln Mudstone Cht Wht Op Shp Pyr Mass Sh Char-Gry- No Odor No Flor No Stn NS

Ls Wht-Crm-Tan Mxln-Fxln Mudstone Cht Wht Op Shp Sh Char-Gry-Maroon No Odor No Flor No Stn NS

Ls Wht-Crm-Tan Mxln-Fxln Mudstone Cht Wht Op Shp Sh Char-Gry-Aqua No Odor No Flor No Stn NS

Ls Wht-Crm-Tan Mxln-Fxln Mudstone Cht Wht Op Shp Sh Char-Gry-Maroon No Odor No Flor No Stn NS

Ls Wht-Crm-Tan Mxln-Fxln Mudstone Cht Wht Op Shp (Tr Only) Sh Char-Gry-Aqua-Grn No Odor No Flor No Stn NS

Sh Blk-Carb (ABD) -Char-Drab Grm-Gry Qtz Ss No Odor No Stn No Flor NS

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

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

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

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

KINDERHOOK 3758' (- 2508)

Sh Char-Drab Grm-Gry-Blk-Carb AA ? Faint Odor No Stn No Flor NS

10" CFS @ 3799' Sh Char-Drab Grm-Gry-Blk-Carb AA ? Faint Odor No Stn No Flor NS

20" CFS @ 3799' Sh Char-Drab Grm-Gry-Blk-Carb AA ? Faint Odor No Stn No Flor NS

WOODFORD SHALE 3790' (-2540)

30" CFS @ 3799' Sh Char-Drab Grm-Gry-Blk-Carb AA ? Faint Odor No Stn No Flor NS

10" CFS @ 3820' Sh Char-Gry-Blk-Carb AA ? Faint Odor No Stn No Flor NS

20" CFS @ 3820' Sh Char-Gry-Blk-Carb AA ? Faint Odor No Stn No Flor NS

30" CFS @ 3820' Sh Char-Gry-Blk-Carb AAPyr Mass ? Faint Odor No Stn No Flor NS

Sh Char-Gry-Blk-Carb AAPyr Mass ? Faint Odor No Stn No Flor NS

SIMPSON SAND 3830' (- 2580)

10" & 20" CFS @ 3845' Qtz SS Grainstone Clusters Clear-Sil Frost Grns M.L. Grns Med IGran Ø Sub Ang-Sub Rd-Well Rd Individual Grns Fair Sort V Friable (w/ V Lt CaCo3 Matrix & w/Tr Pyr & Glacu & Blk Carb Incls) Pyr Mass Good Odor Med Scat Stn Good Flor Med SG & SO (w.Acid Cut)

30" CFS @ 3845' Qtz SS Grainstone Clusters Clear-Sil Frost Grns M.L. Grns Med IGran Ø Sub Ang-Sub

Interval: 3570' - 3610'

IF: 3 min., Weak blow (1 inch);

ISI: 45 min., Weak Blow No

Blow Back;

FF: 60 min. Weak blow (1 inch);

FSI: 60 min. No Blow Back;

Recovery: 180' Salt Water;

Chlorides = 7500 Ppm.

Pressures:

IH = 1810#;

FH = 1698#;

IF = 35-35#;

FF = 39-83#;

ISIP = 1233#;

FSIP = 1113#;

BHT = 120 Deg. F.;

API RW = 68 @ 85 Deg. F.

~ DST # 1 ~

Interval: 3830' - 3845'

IF: 3 min., Strong building blow (56 inches);

ISI: 45 min.;

FF: 60 min. Strong building blow (185 inches) & died back to (113 inches);

FSI: 120 min. No BB; Recovery: 2,196' Water;

Chlorides = 3000 Ppm.

Pressures:

IH = 1888#;

FH = 2004#;

IF = 321-406;

FF = 500-1185;

ISIP = 1330#;

FSIP = 1311#;

BHT = 128 Degrees F.;

API RW = 1.86 @ 79 Deg. F.

Pipe Strap = 3862.29'

Board Tally = 3861.90'

C4 (units) 1000

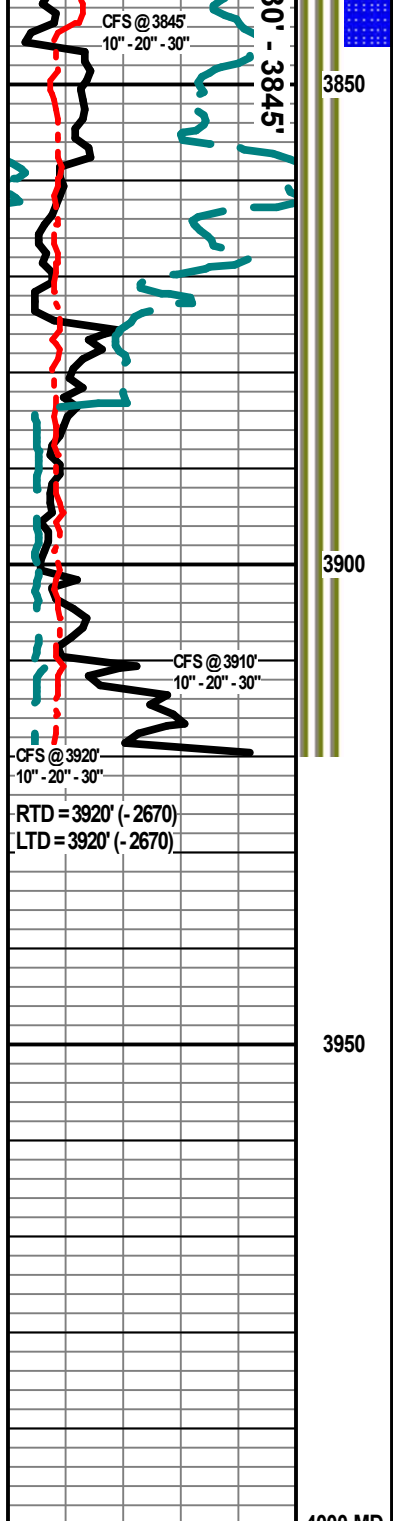
C3 (units) 1000

C2 (units) 1000

C1 (units) 150

FG (units) 256

DST #1 383



Rd-Well Rd Individual Grns Fair Sort V Friable (w/ V Lt CaCo3 Matrix (w/Tr Pyr & Glacu & Blk Carb Inclus) Good Odor Med Scat Good Flor Stn (ft Grm) Fair SG & SO

Qts SS Grainstone AA (w/Pyr, Glacu & Carb Inclus) Pyr Mass ? Fair Odor No Scat Stn Flor Sh Gry AANS

Qts SS Grainstone AA Pyr Mass ? Fair Odor Tr Scat Stn (3 Pcs) Flor Sh Gry AANS

Sh Aqua-Blu-Char-Gry-Gm (ABD) Qtz Ss Wht Grainstone AA (w/Pyr, Glacu & Carb Inclus) Faint Odor Sli No Flor No Stn NS

Sh Aqua-Blu-Char-Gry-Gm AA Ss Wht Grainstone AA Dolo Gry Mxln Dns Mudstone (Tr On;y) Pyr Mass ? Faint Odor Sli No Flor No Stn NS

10" & 20" CFS @ 3910' Sh Aqua-Blu-Char-Gry-Gm-Blk Carb AA Ss Wht Grainstone AA Ls/Dolo Gry Mxln Dns Mudstone (Tr Only) Chalky Pyr Mass ? Faint Odor No Flor No Stn NS

30" CFS @ 3910' Sh Vari-Colored AA (Abd) Ss Wht Grainstone AA Chalky (ilnc) Pyr Mass No Odor No Flor No Stn NS

ARBUCKLE 3908' (-2658)

10" & 20" & 30" CFS @ 3920' Dol/Ls Wht- Cm-Tan Mxln Grad DNS VPoor Planar Sucrosic Ø Dns Cht Wht Op Shp Pyr Mass Qtz Ss AA Chalk (VAbd) Sh Vari-Cilired AA No Odor No Flor No Stn NS

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

Geologist Released From Locatom @ 8:45 AM on 08/09/2022

AS Services

Mud Ck @ 3844'

@ 12:53 PM on 8/07/22

Vis = 53;

Wt = 9.4;

PV = 15;

YP = 12;

WL = 10.8;

Cake = 2;

Chl = 1900 PPM;

Cal = 40 PPM;

Sol = 8.21;

LCM = 3#;

DMC = \$1,199.00;

CMC = \$9,953.00.

Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045



✓ 67045

Date	Invoice #
8/8/2022	6569

Bill To	
McCoy Petroleum Corporation 9342 E Central Wichita, KS 67206-2573	
Customer ID#	1435

Job Date	8/2/2022
Lease Information	
Gressel 'A' #1-1	
County	Sumner
Foreman	DG

Terms	Net 15
Rate	Amount

Item	Description	Qty	Rate	Amount
C101	Cement Pump-Surface	1		
C107	Pump Truck Mileage (one way)	90		
C203	Pozmix Cement 60/40	220		
C205	Calcium Chloride	570		
C206	Gel Bentonite	380		
C209	Flo-Seal	55		
C108B	Ton Mileage-per mile (one way)	851.4		
D101	Discount on Services			
D102	Discount on Materials			

111915 (1)

Pozmix cement to set 85% surface way

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal
Sales Tax (7.5%)
Total
Payments/Credits
Balance Due



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



Lighthouse
 Dpty.
 Rig #1

Cement or Acid Field Report	
Ticket No.	6569
Foreman	<u>David Gardner</u>
Camp	<u>Eureka</u>

API# 15-191-22850

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
8-2-22	1435	Gussel A' #1-1	1	34S	1E	Sumner	KS	
Customer <u>McLay Petroleum Corporation</u>			Safety Meeting DG JH BW		Unit #	Driver	Unit #	Driver
Mailing Address <u>9342 E. Central</u>					<u>105</u>	<u>Jason</u>		
City <u>Wichita</u>			State <u>KS</u>		<u>110</u>	<u>Brooker</u>		
Zip Code <u>67206-2573</u>								

Job Type Surface Hole Depth 270' KB. Slurry Vol. 48 Bbl Tubing _____
 Casing Depth 250.93' 6L. Hole Size 12 1/4" Slurry Wt. 14.8# Drill Pipe _____
 Casing Size & Wt. 8 5/8" Cement Left in Casing 15' 7/8" Water Gal/SK _____ Other _____
 Displacement 15 3/4 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 220 SKS 100/40 Pozmix Cement w/ 3% Calc, 2% Gel, 1/4" Flocculox @ 14.8#/gal yield 123 = 48 Bbl slurry. Displace w/ 77 1/2 Bbl fresh water. Shut down. Close casing in. Good cement returns to surface = 3 Bbl slurry to pit. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	950.00	
C107	90	Mileage	5.00	
C203	220 SKS	100/40 Pozmix Cement	15.75	
C205	570#	Calc 3%	.75	
C206	380#	Gel 2%	.30	
C209	55#	Floccul 1/4"/SK	2.80	
C108B	9.46 Tons	Ton Mileage - 90 Miles	1.50	
<u>Thank You</u>				
			<u>Sub Total</u>	
			<u>Less 5%</u>	
			Sales Tax	

Authorization by Chucho Cauter Title Lighthouse Dpty. - Tool Pusher

Total

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

Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

V67045



Date	Invoice #
8/11/2022	6572

Bill To	
McCoy Petroleum Corporation 9342 E Central Wichita, KS 67206-2573	
Customer ID#	1435

Job Date	8/9/2022
Lease Information	
Gressel 'A' #1-1	
County	Sumner
Foreman	DG

Item	Description	Qty	Terms	Net 15
			Rate	Amount
C103	Cement Pump-Plug (new well)	1		
C107	Pump Truck Mileage (one way)	90		
C203	Pozmix Cement 60/40	140		
C206	Gel Bentonite	480		
C108B	Ton Mileage-per mile (one way)	541.8		
D101	Discount on Services			
D102	Discount on Materials			

111917
①
Pozmix cement 60/40 + pump truck

We appreciate your business!

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:
 Elite Cementing & Acidizing of KS, LLC
 PO Box 92
 Eureka, KS 67045

Subtotal
Sales Tax (7.5%)
Total
Payments/Credits
Balance Due

JK

