

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 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](mailto: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	JEL Resources, LLC
Well Name	WFY OIL & GAS 1-6
Doc ID	1712291

All Electric Logs Run

DIL
Micro
PE Neutron Density
Sonic





**QUALITY OILWELL CEMENTING, INC.**  
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665  
 Phone: 785-324-1041 fax: 785-483-1087  
 Email: cementing@ruraltel.net

Date: 3/31/2023  
 Invoice # 3489

P.O.#:  
 Due Date:  
 Division: *Russell*

# Invoice

**Contact:**  
**JEL RESOURCES**  
**Address/Job Location:**

4093 CONNER CT  
 CASTLE ROCK CO 80109

**Reference:**  
 W F Y OIL & GAS 1-6 SEC 6-22-15

**Description of Work:**  
 LONG SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 869.52	No				
Common-Class A	385	\$ 7,729.36	Yes				
Calcium Chloride	17	\$ 927.80	Yes				
POZ Mix-Standard	95	\$ 648.09	Yes				
Bulk Truck Matl-Material Service Charge	506	\$ 493.14	No				
Premium Gel (Bentonite)	9	\$ 254.36	Yes				
Flo Seal	125	\$ 243.64	Yes				
Pump Truck Mileage-Job to Nearest Camp	30	\$ 131.57	No				
8 5/8" Top Rubber Plug	1	\$ 118.90	Yes				
Baffle Plate Aluminum, 8 5/8"	1	\$ 105.25	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	30	\$ 102.33	No				

SubTotal: \$ 11,623.97

**Invoice Terms:**

Net 30

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (290.60)

SubTotal for Taxable Items: \$ 9,776.73

SubTotal for Non-Taxable Items: \$ 1,556.64

Total: \$ 11,333.37

Tax: \$ 831.02

8.50% Pawnee County Sales Tax

Amount Due: \$ 12,164.39

Applied Payments:

Balance Due: \$ 12,164.39

**Thank You For Your Business!**

Past Due Invoices are subject to a service charge (annual rate of 24%)  
 This does not include any applicable taxes unless it is listed.  
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

Home Office P.O. Box 32 Russell, KS 67665

No. **3489**

Cell 785-324-1041

Date	3-31-23	Sec.	6	Twp.	22	Range	15	County	Pawnee	State	Ks	On Location		Finish	1:30 PM
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Location **281 + K19 - 19W, N/Info**

Lease	<b>WFY oil + gas</b>		Well No.	<b>1-6</b>	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	<b>Fossil #5</b>					
Type Job	<b>Surface</b>					
Hole Size	<b>12 1/4"</b>	T.D.	<b>1040'</b>		Charge To	<b>JEL Resources</b>
Csg.	<b>8 3/8"</b>	Depth	<b>1042'</b>		Street	
Tbg. Size		Depth			City	State
Tool		Depth			The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	<b>40'</b>	Shoe Joint	<b>40'</b>		Cement Amount Ordered	<b>480 80/20 3% cc 2% Gel</b>
Meas Line		Displace	<b>64 BLS</b>			

**EQUIPMENT**

Pumptrk	<b>16</b>	No.	Cementer	<b>Jordan</b>	Common	<b>385</b>
			Helper		Poz. Mix	<b>95</b>
Bulktrk	<b>19</b>	No.	Driver	<b>Doug</b>	Gel.	<b>9</b>
			Driver		Calcium	<b>17</b>
Bulktrk	<b>p.u.</b>	No.	Driver	<b>Rick</b>		
			Driver			

**JOB SERVICES & REMARKS**

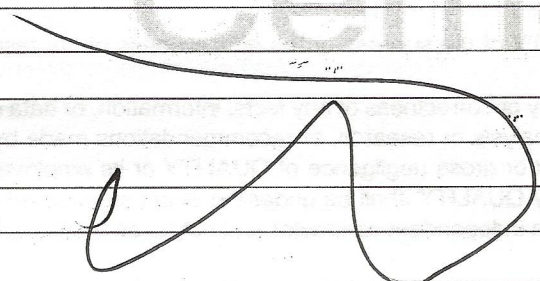
Remarks:	<b>Cement did Circulate</b>	Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	<b>125 #</b>
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	<b>506</b>
		Mileage	

**FLOAT EQUIPMENT**

Guide Shoe	<b>Rubber plug</b>
Centralizer	
Baskets	<b>Baffle plate</b>
AFU Inserts	
Float Shoe	
Latch Down	

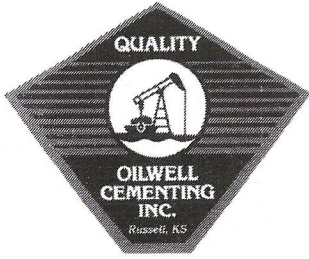
Pumptrk Charge	<b>Long Surface Job</b>
Mileage	<b>30</b>

X Signature



**Thanks**

Tax	
Discount	
Total Charge	



**QUALITY OILWELL CEMENTING, INC.**

PO Box 32 - 740 West Wichita Ave, Russell KS 67665  
 Phone:785-324-1041 fax:785-483-1087  
 Email: cementing@ruraltel.net

Date: 4/7/2023  
 Invoice # 3495

P.O.#:

Due Date: 5/7/2023

Division: Russell

# Invoice

**Contact:**

JEL RESOURCES  
 Address/Job Location:

4093 CONNER CT  
 CASTLE ROCK CO 80109

**Reference:**

WFY OIL&GAS 1-6 SEC 6-22-15

**Description of Work:**

PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 869.52	Yes				
Common-Class A	126	\$ 2,529.61	Yes				
POZ Mix-Standard	84	\$ 573.05	Yes				
Bulk Truck Matl-Material Service Charge	217	\$ 211.48	Yes				
Premium Gel (Bentonite)	7	\$ 197.84	Yes				
Pump Truck Mileage-Job to Nearest Camp	30	\$ 131.57	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	30	\$ 102.33	Yes				
Flo Seal	50	\$ 97.46	Yes				

**Invoice Terms:**

Net 30

SubTotal: \$ 4,712.86

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (117.82)

SubTotal for Taxable Items: \$ 4,595.03

SubTotal for Non-Taxable Items: \$ -

Total: \$ 4,595.04

Tax: \$ 390.58

8.50% Pawnee County Sales Tax

**Amount Due: \$ 4,985.62**

Applied Payments:

**Balance Due: \$ 4,985.62**

**Thank You For Your Business!**

Past Due Invoices are subject to a service charge (annual rate of 24%)  
 This does not include any applicable taxes unless it is listed.  
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. **3495**

Date	Sec.	Twp.	Range	County	State	On Location	Finish
4-7-23	6	22	15	Rawnee	Ks		2:15 PM

Lease **WFV Oil + gas** Location **281 - K19 - 14W, N1 Into**

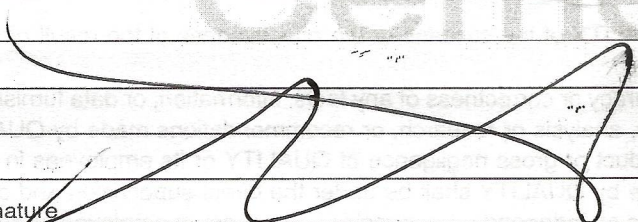
Well No.	Owner
1-6	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Charge To
Fossil	J.E.L. Resources
Type Job	
Plug	
Hole Size	T.D.
7 7/8"	3996'
Csg.	Depth
	3935'
Tbg. Size	City
4 1/2" D.P.	
Tool	State
Cement Left in Csg.	The above was done to satisfaction and supervision of owner agent or contractor.
	Cement Amount Ordered
	210 5x 60/40 4% Gel 1/4"

Meas Line Displace **H2O / mud** Flo-seal

EQUIPMENT			
Pumptrk	No.	Cementer	
5		Helper	Tim
Bulktrk	No.	Driver	Bryant
21		Driver	Rick
Bulktrk	No.	Driver	
P.U.		Driver	

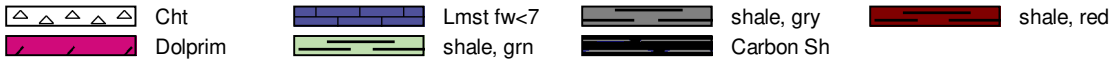
JOB SERVICES & REMARKS		Hulls
Remarks:		Salt
Rat Hole		Flowseal 50#
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
3935' - 50 5x		Handling 218
1060' - 50 5x		Mileage
250' - 40 5x		
60' - 20 5x		
Rathole - 30 5x		
Mousehole - 20 5x		

FLOAT EQUIPMENT	
Cement did Circulate	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

	Pumptrk Charge	Thanks Plug	
	Mileage		30
	Signature		
	Tax		
	Discount		
	Total Charge		



### ROCK TYPES



### ACCESSORIES

#### FOSSIL

- ∩ Bioclastic or Fragmental
- F Fossils < 20%
- Oolites
- ⊕ Oomoldic

#### STRINGER

- ∩∩∩ Chert
- Dolomite
- Limestone
- Sandstone
- Shale
- red shale

#### TEXTURE

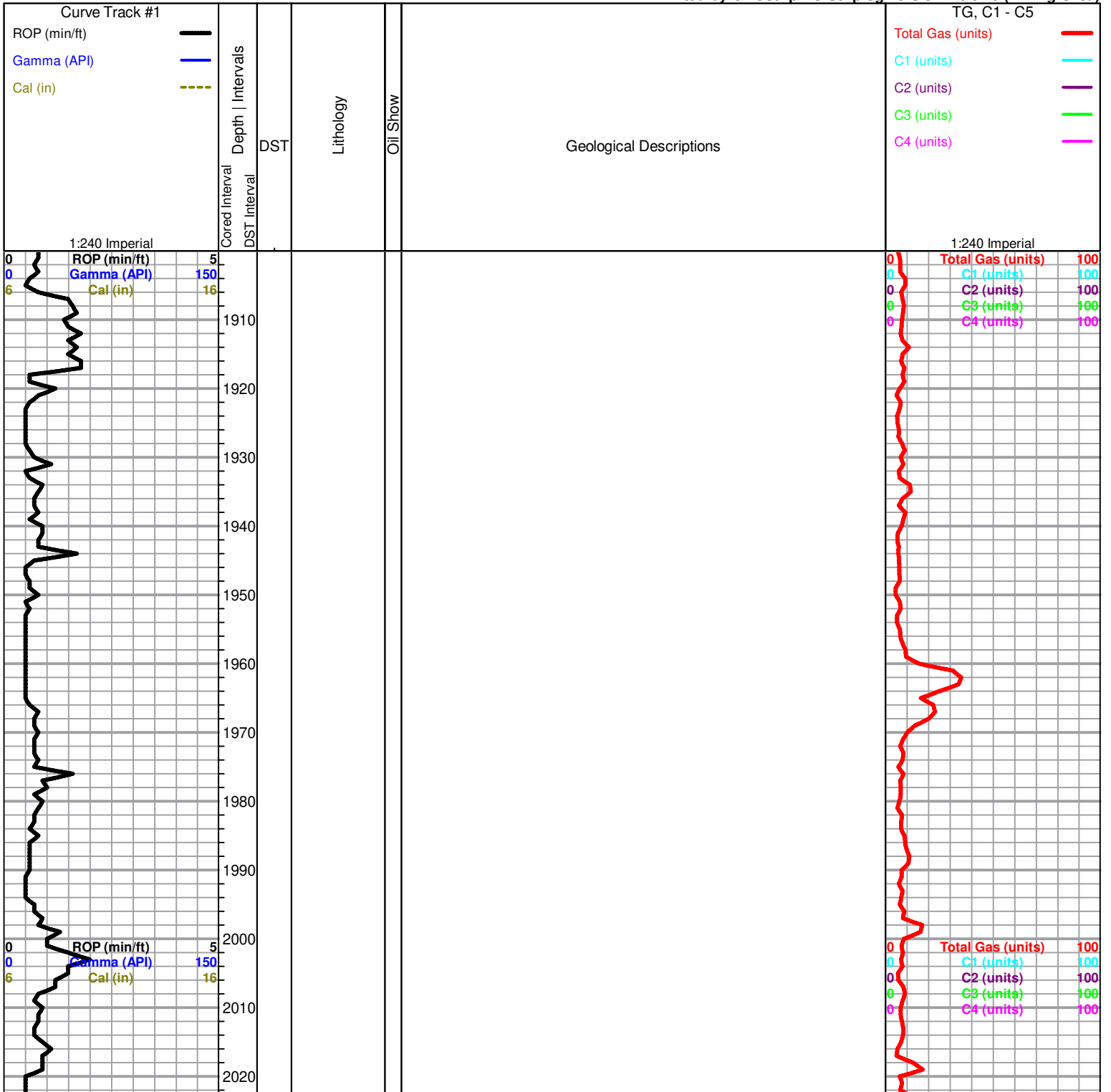
- C Chalky

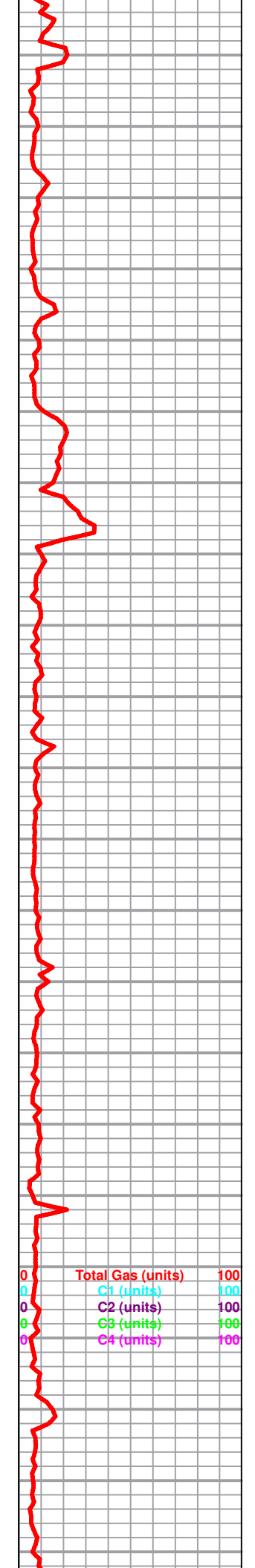
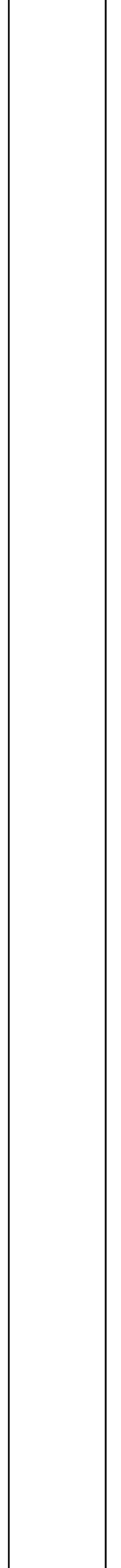
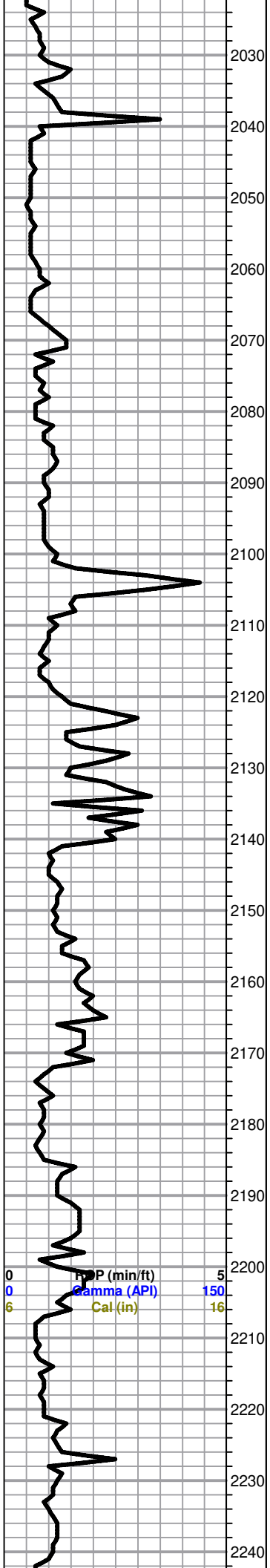
### OTHER SYMBOLS

#### DST

- DST Int
- DST alt

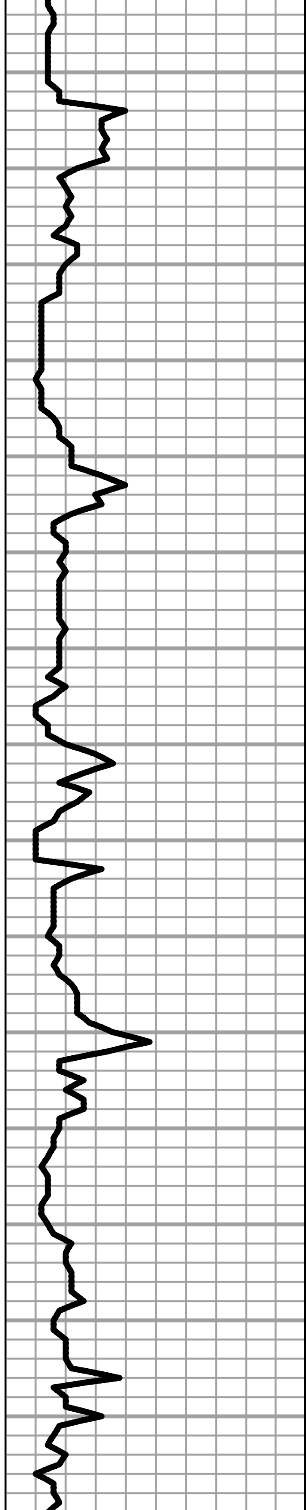
Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)



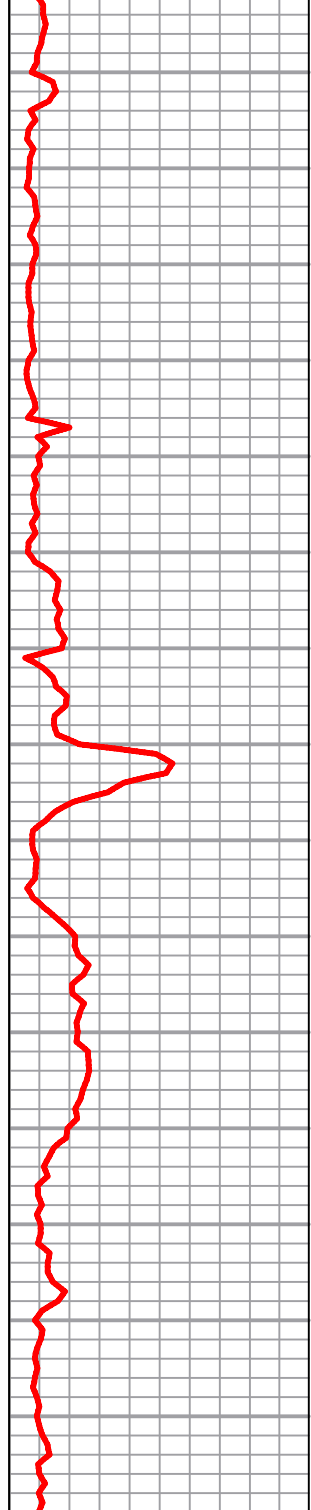


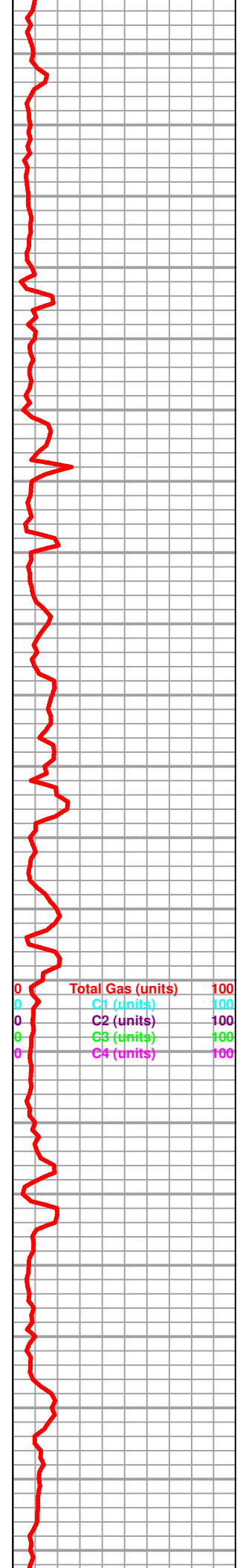
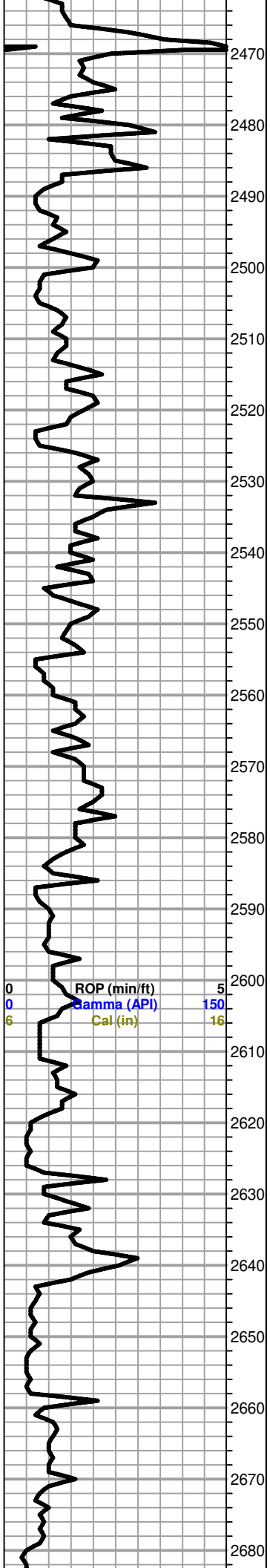
2250  
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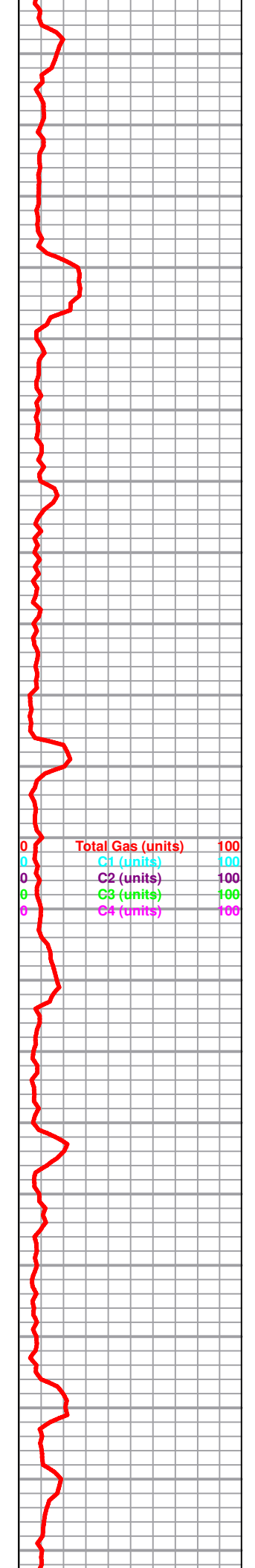
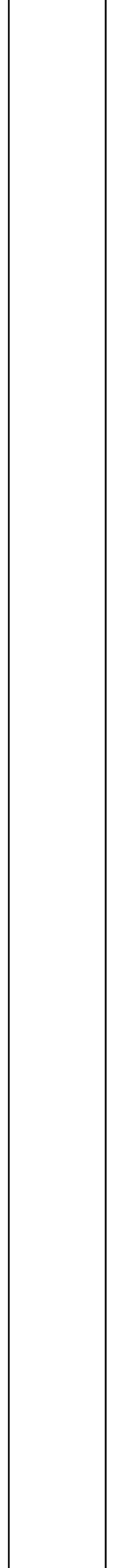
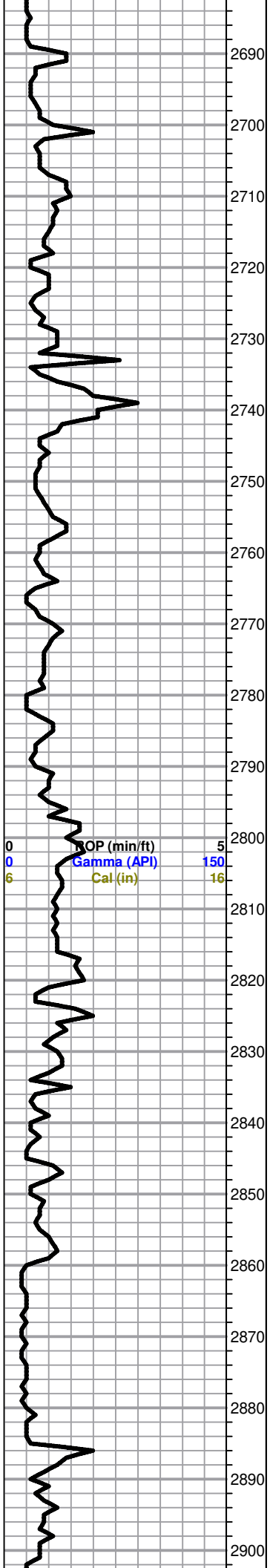
0	ROP (min/ft)	5
0	Gamma (API)	150
6	Cal (in)	16

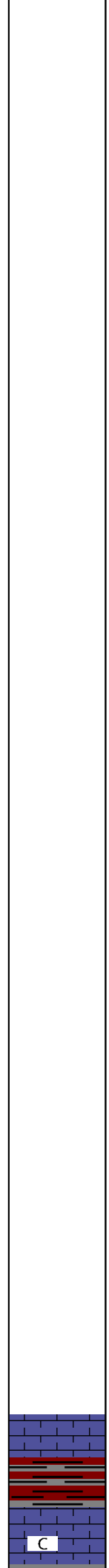
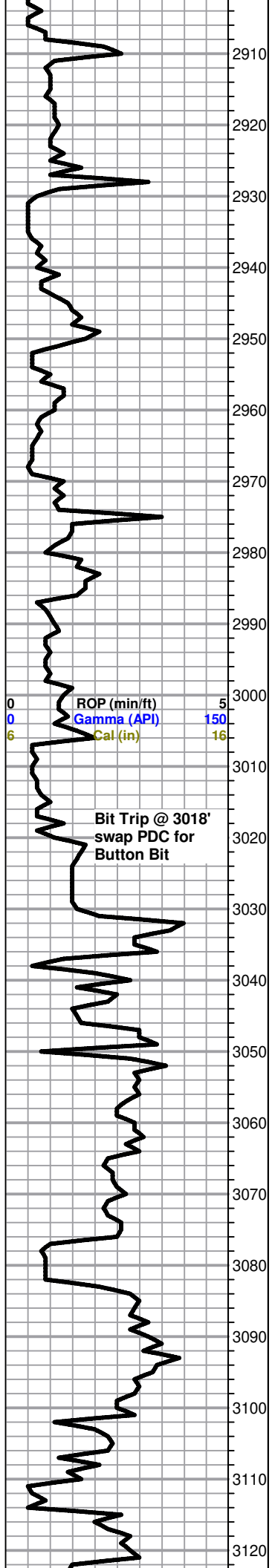


0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100







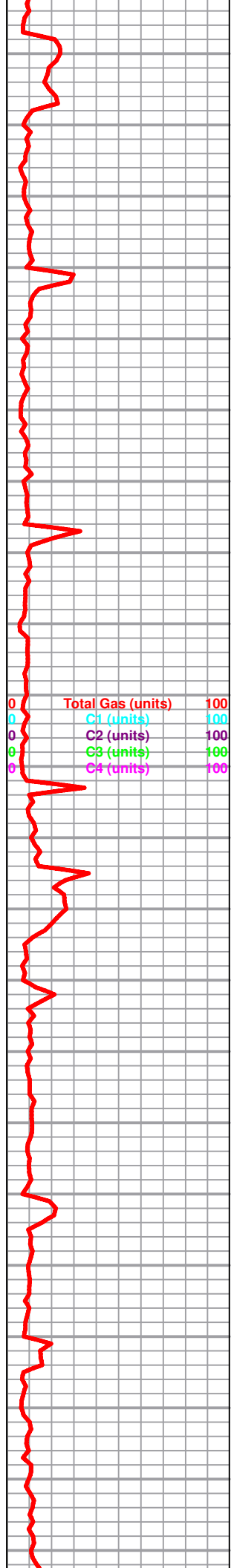


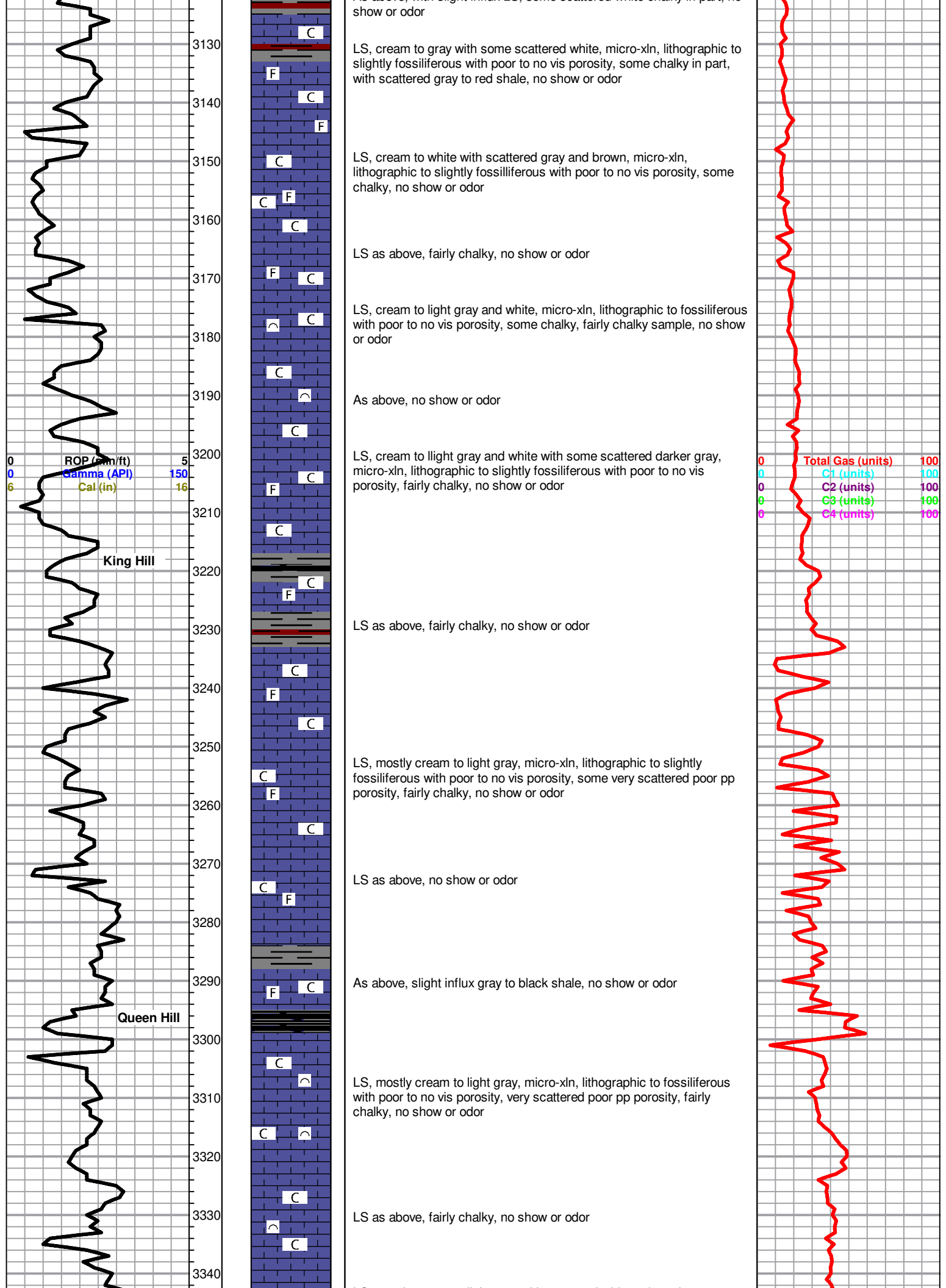
**Logged By Jeremy Schwartz**

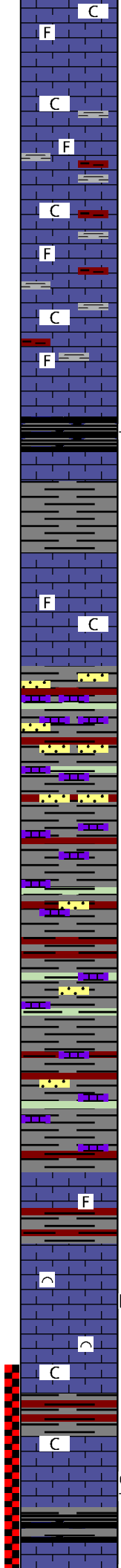
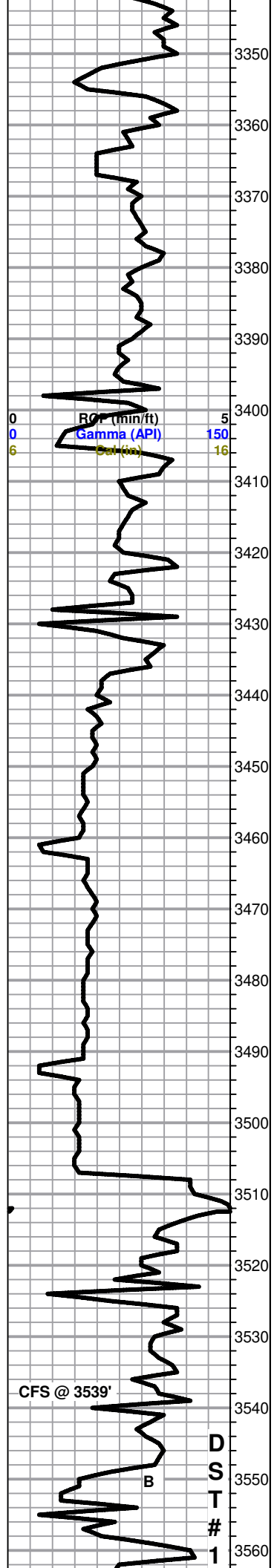
10' wet & dry samples start @ 3100'  
 Geologist Jeremy Schwartz on location @ 3080' 4/3/23

Mostly red and gray shale with scattered gray to cream LS, micro-xln, lithographic with no vis porosity, no show or odor

As above. with slight influx LS. some scattered white chalky in part. no







LS, mostly cream to light gray with scattered white, micro-xln, lithographic to slightly fossiliferous, some chalky, fairly chalky sample, no show or odor

LS as above, with slight influx gray and red shale, no show or odor

LS with scattered gray to red shale, no show or odor

LS, mostly cream to light gray with scattered white, micro-xln, mostly lithographic and chalky with scattered slightly fossiliferous, poor to no vis porosity, with gray and scattered red shale, no shows or odor

**Heebner 3401 (-1411)**

LS with scattered shale as above, with fair influx dark gray to black shale, most fairly gassy and bleeding gas bubbles, no vis shows, porosity, or fluor. in LS, no odor

**Toronto 3421 (-1431)**

As above, with fair influx cream to gray with scattered white LS, micro-xln, lithographic to slightly fossiliferous and mostly dense with poor to no vis porosity, slightly chalky sample, no shows, fluor. or odor

**Douglas 3436 (-1446)**

LS as above, influx gray with scattered red and trace green shale, very scattered silty, also with fairly abundant f-med sub-rounded to rounded clear free sand grains in bottom of tray, trace pyrite, no shows, fluor. or odor

Mostly shale as above with some scattered LS, also with scattered sand grains in bottom of tray, no shows or odor

As above, no shows or odor

**Brown Lime 3508 (-1518)**

Slight influx gray to brown LS, lithographic to slightly fossiliferous and dense with no vis porosity, no shows or odor

**Lansing 3517 (-1527)**

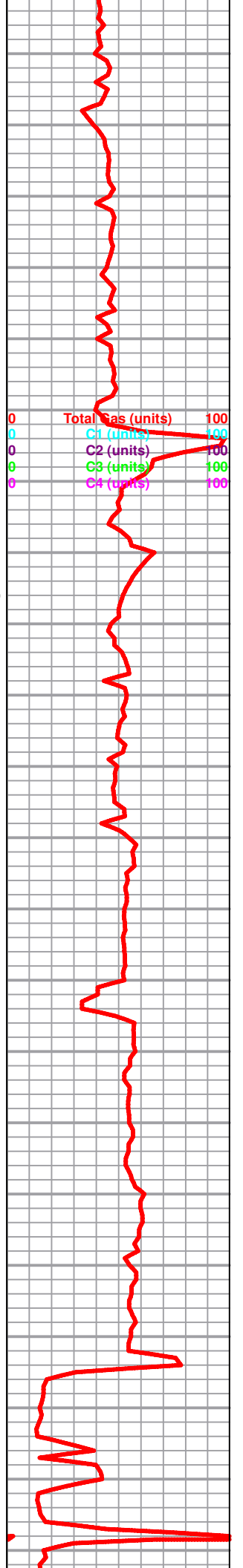
Mostly gray with scattered red shale and LS as above, with slight influx LS, cream to gray with some scattered white, micro-xln, lithographic to fossiliferous with poor to no vis porosity, no shows or odor

As above, some scattered LS with very scattered dead flaky stain, upon break NSFO and no vis inter-xln stain, few very scattered pieces of shale are slightly gassy, no fluor. or odor

3539' 20&40" Shale and LS as above, LS is mostly cream to white, lithographic and dense with no vis porosity or shows, some chalky in part, NSFO, no fluor. or odor

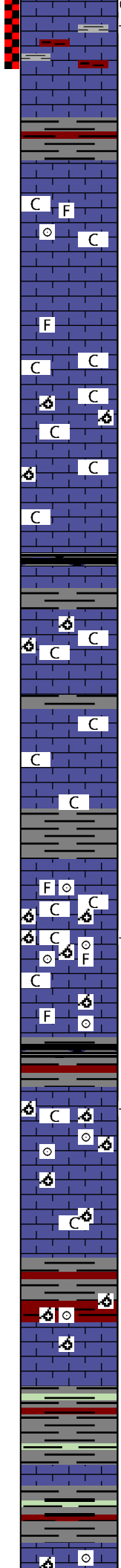
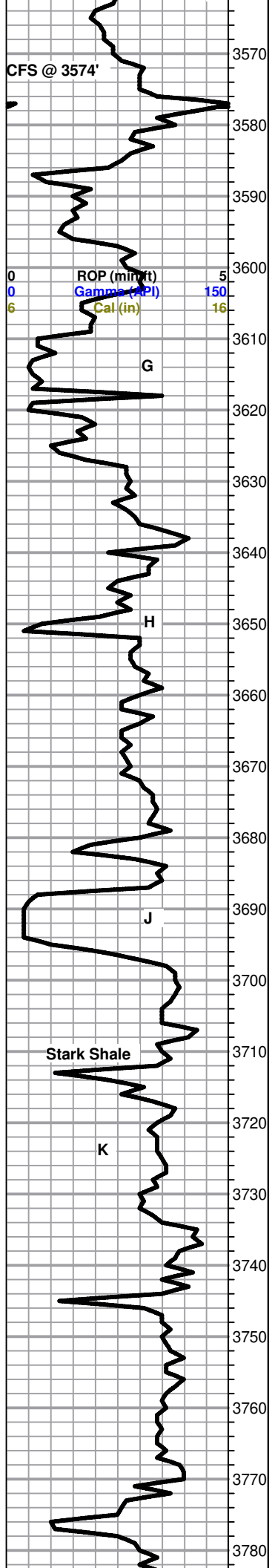
LS, cream with some scattered light gray, micro-xln, lithographic and mostly dense with poor to no vis porosity, some is chalky, also with some very scattered slightly gassy black shale, no vis oil shows, fluor. or odor

**LS, cream to white and light gray, micro-xln, mostly lithographic with poor to no vis porosity, some very scattered rocks with slight vuggy wormy porosity and SG in porosity, some slowly bleed very light opaque to brown free oil droplets, upon break most rocks with shows are gassy with S-FSFO and show scattered very light to darker brown inter-xln stain**



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with mostly poor vis porosity, good odor

3574' sample, mostly same as above with slight increase in rocks with shows, few very scattered rocks with a fairly large vug or two, fair odor

3574' 20" As above, still carrying fair amount of shows but appear to be slightly dropping out, poor odor

3574' 40 & 60" Influx gray to brown LS, fossiliferous to lithographic and dense with no vis porosity, also with slight influx gray and red shale, no shows or odor

LS, gray to cream with some scattered brown, micro-xln, mostly lithographic and dense with no vis porosity, with fairly abundant gray and scattered red shale, no shows or odor

As above, with slight influx cream to white chalky LS, no shows or odor

LS, mostly cream to gray, lithographic to slightly fossiliferous and mostly dense with no vis porosity, trace gray oolitic, dense with no vis porosity, no shows or odor

LS, cream, micro-xln, lithographic to slightly fossiliferous and mostly dense with no vis porosity, fair influx cream to white chalky in part, fairly chalky sample, no show or odor

LS, cream with some scattered gray, micro-xln, mostly lithographic and dense with no vis porosity, some chalky in part, also with some scattered oomoldic with poor oomold porosity, fairly chalky sample, no shows or odor

LS, cream to gray, micro-xln, mostly lithographic and dense with no vis porosity, some scattered oomoldic and chalky as above, no show or odor

LS as above, with fair influx oomoldic with poor oomold porosity, chalky sample, no shows or odor

LS, cream to gray lithographic and dense with no vis porosity, still carrying some scattered oomoldic as above, less chalky, no shows or odor

LS as above, oomoldic appears to have dropped out, fairly chalky sample, no shows or odor

LS, cream to light gray, micro-xln, lithographic and mostly dense with no vis porosity, no shows or odor

LS as above, some slightly fossiliferous, slight influx cream oolitic to oomoldic with poor oomold porosity, fairly chalky sample, no shows or odor

As above, with fair influx oolitic to oomoldic, poor to no vis porosity, upon break few rocks with VSSG, no vis oil shows, no odor

LS, cream, micro-xln, mostly lithographic and dense with no vis porosity, still carrying some scattered oolitic to oomoldic, mostly dense with poor porosity, no shows or odor

As above, with fair influx cream oolitic to oomoldic, most dense with poor porosity, some scattered rocks with scattered fair oomold porosity and VSSG upon break, no vis oil shows, no odor

Mostly same as above, some scattered fair oomold porosity, no shows or odor

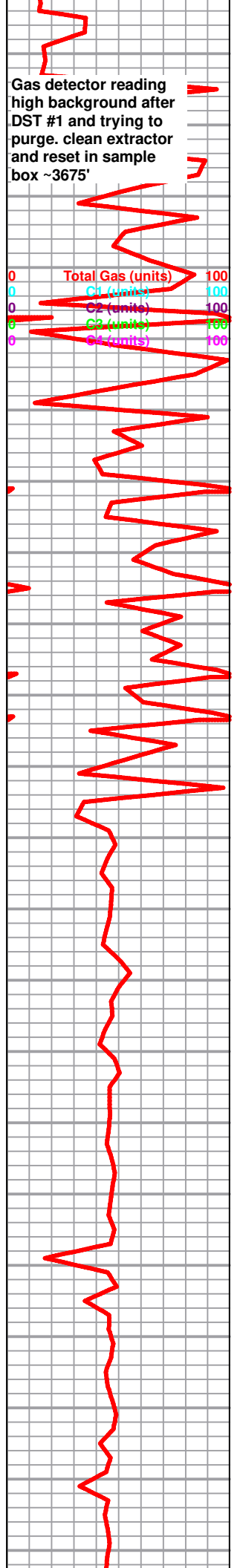
LS, cream with some scattered gray, micro-xln, mostly lithographic and dense with no vis porosity, with some scattered oolitic to oomoldic with fair oomold porosity, no shows or odor

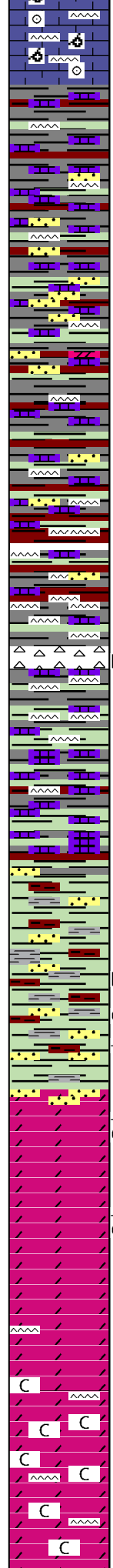
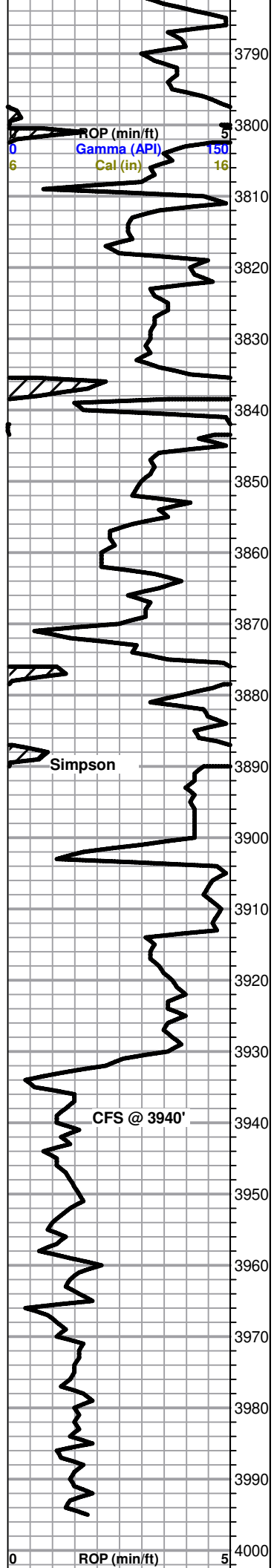
**BKC 3757 (-1767)**

Lithographic to oomoldic LS as above, with fair influx gray with very scattered red and green shale, brittle to blocky and dense, no shows or odor

LS, cream with some very scattered gray, micro-xln, mostly lithographic and dense with no vis porosity, some chalky, fairly chalky sample, still carrying scattered shales as above, no shows or odor

As above, fair influx cream oolitic to oomoldic LS, mostly dense with no porosity, some scattered fair oomold porosity, with scattered shales as above, no shows or odor





no shows or odor

LS, cream with some scattered gray and brown, mostly dense lithographic to oolitic and oomoldic with poor to no vis porosity, some chalky, very scattered fair oomold porosity, with scattered gray, red, and green shales, some very dense, also with slight influx red clay and cream to tan and brown cherts, some slightly fossiliferous, fair red wash, no shows or odor

Abundant LS with mixed shales and very scattered chert as above, no shows or odor

As above, with scattered to fairly abundant f-coarse sub-angular to sub-rounded and rounded clear SS grains in bottom of tray, no vis. clusters, heavy red wash, no shows or odor

Conglomerate as above, no shows or odor

As above, no shows or odor

Shale, red and gray with scattered green, with cream to gray mostly lithographic and dense LS, also with some very scattered tan to brown and orange to red cherts, some slightly fossiliferous, heavy red wash, no shows or odor

Conglomerate as above, with slight influx white to cream chert, mostly weathered and dense with no vis porosity, some with scattered dead stain, NSFO, sample still washes red, no odor

Conglomerate with some very scattered cream to white chert as above, sample is mostly gray, red, and green shale with abundant red clay, heavy red wash, no shows or odor

Mostly same as above, cleaner sample than before with fair increase in LS and cherts, still carrying mostly shales, no shows or odor

Mostly shale, gray, red, olive, and green, with scattered LS and cherts, no shows or odor

Conglomerate as above, with fair influx bright green to turquoise shales, trace SS, clear to white, f-med, sub-rounded to rounded and fairly clean, friable, no vis stain or free oil upon break, still with red wash in cup, no shows, poor odor

As above, also with some very scattered SS, clear to gray, f-med grained and sub-rounded, some with scattered shale inclusions, some slightly pyritic, few clusters with very scattered dead black staining, upon break NSFO, poor odor in cup

Shale with some very scattered SS as above, most shaly, upon break few clusters release VSSG and SSFO (opaque) with increased odor, poor odor in cup

**Arbuckle 3932 (-1942)**

3940' 30" shale with very scattered SS as above, few clusters with very scattered dead stain, NSFO upon break, with trace dolomite, cream, sucrosic and dense with no vis porosity, VSSG upon break, no vis oil shows, poor odor

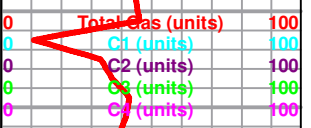
3940' 60" Influx dolomite, cream, sucrosic and dense with some scattered friable, poor vis porosity, barren with no vis stain, upon break few friable rocks release S-FSFO (mostly opaque with occasional dark brown to black droplets) & SSG, poor odor in cup

~3950' Dolomite, cream with some scattered white, mostly sucrosic and fairly friable, some dense, some very scattered sub-rhombic development, very scattered rocks with a small vug or two, overall poor vis porosity, trace rocks with S-FSFO and VSSG as above, poor fleeting odor

Dolomite as above, with trace white oolitic chert, no shows, poor odor

Dolomite, cream with some scattered white and very scattered brown, mostly sucrosic and fairly dense to fairly friable, some very scattered sub-rhombic, influx chalky, fairly chalky sample, no shows, poor odor

3996' 30" & 60" Dolomite, cream with some scattered brown and white, sucrosic and dense to fairly friable, some very scattered sub-rhombic, few rocks with a small vug or two, overall poor vis porosity, chalky samples, no shows, poor odor

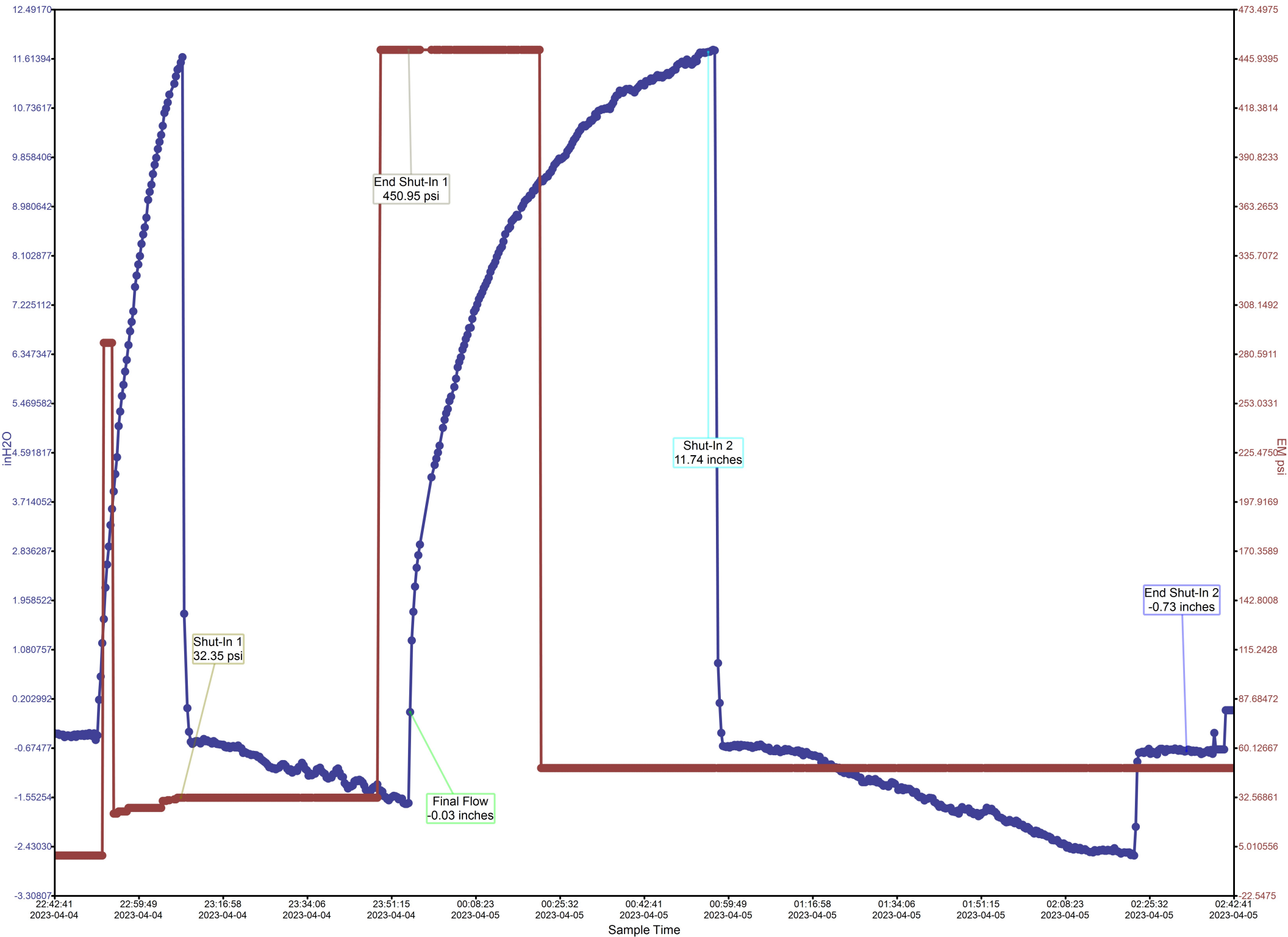


0	Gamma (API)	150
6	Cal (in)	16

Complete Logging Operations @ hrs 4/6/23

0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100

# JEL Resources LLC - WFY Oil Gas 1-6 - DST 1



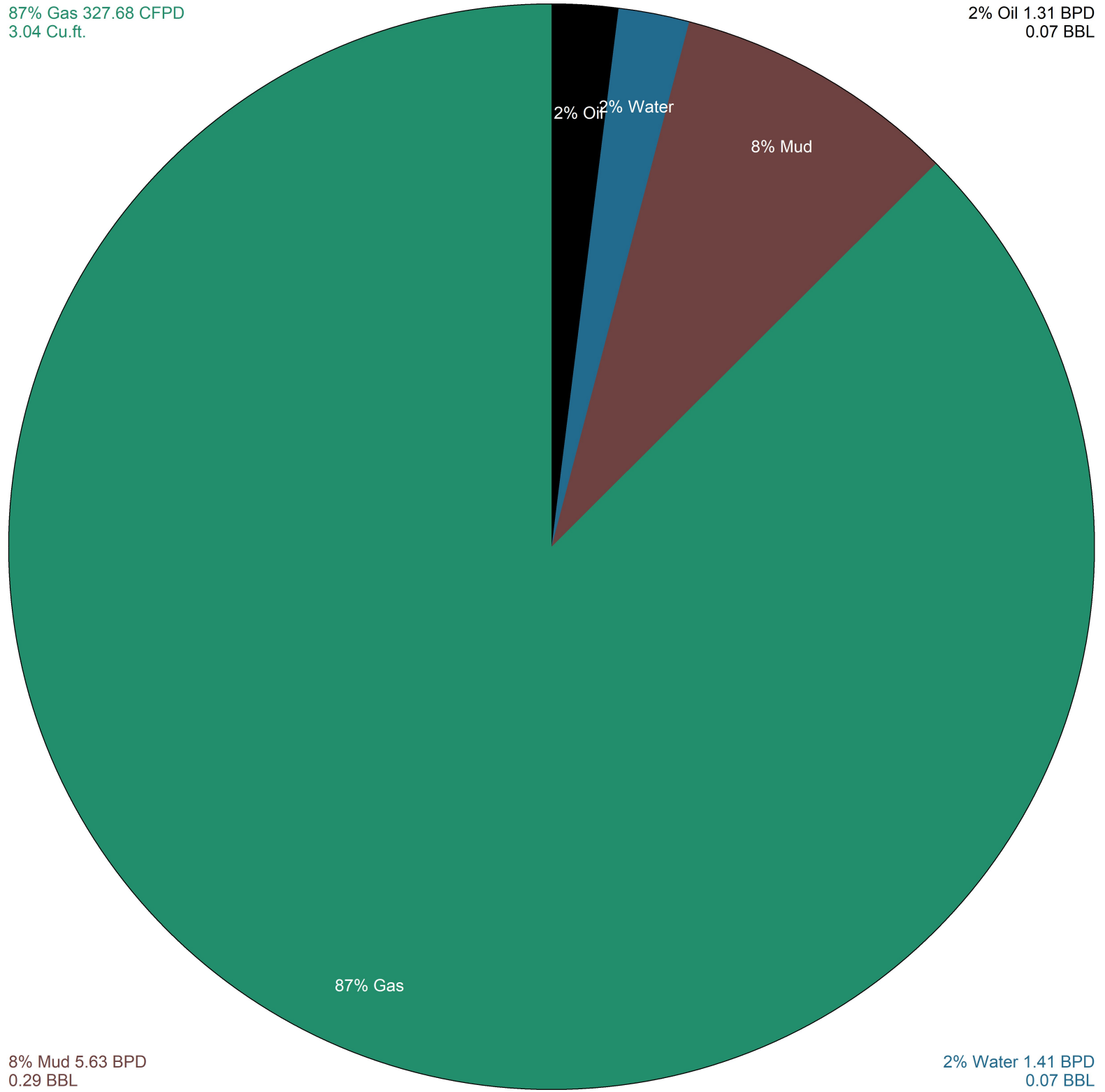
Calculated Recovery Analysis - JEL Resources LLC - WFY Oil Gas 1-6 - DST 1

87% Gas 327.68 CFPD  
3.04 Cu.ft.

2% Oil 1.31 BPD  
0.07 BBL

8% Mud 5.63 BPD  
0.29 BBL

2% Water 1.41 BPD  
0.07 BBL





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

JEL Resources LLC.

**6-22s-15w/ Pawnee**

4093 Conner CT  
Castle Rock Co. 80109

**WFY Oil & Gas 1-6**

Job Ticket: 65028

**DST#: 1**

ATTN: Jeremy Shwartz

Test Start: 2023.04.04 @ 20:35:00

## GENERAL INFORMATION:

Formation: **Lansing B-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:50:45

Time Test Ended: 04:13:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Richie Samora

Unit No: 66

Interval: **3534.00 ft (KB) To 3574.00 ft (KB) (TVD)**

Reference Elevations: 1990.00 ft (KB)

Total Depth: 3574.00 ft (KB) (TVD)

1982.00 ft (CF)

Hole Diameter: 7.79 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

## Serial #: 8355

Press@RunDepth: 68.42 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.04.04

End Date:

2023.04.05

Last Calib.: 1899.12.30

Start Time: 20:35:05

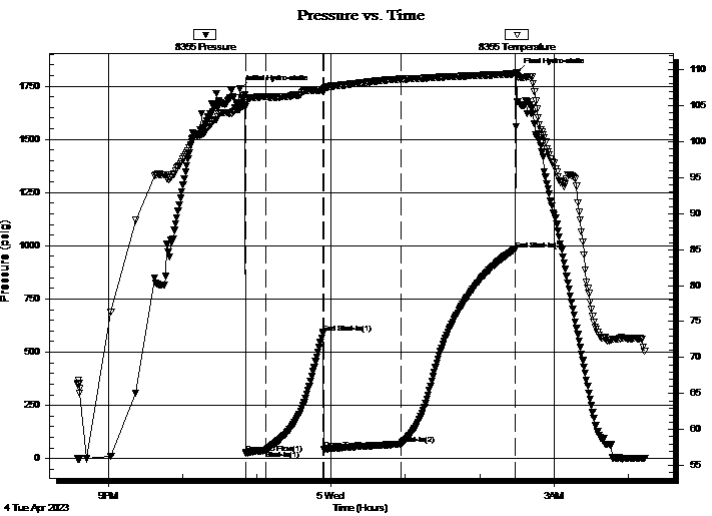
End Time:

04:13:44

Time On Btm: 2023.04.04 @ 22:46:15

Time Off Btm: 2023.04.05 @ 02:29:45

TEST COMMENT: 15-IF: Fair blow built to 11.5"  
45-ISI: No blow back  
60-FF: Fair blow built to 11.75"  
90-FSI: No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1735.25	104.53	Initial Hydro-static
5	25.19	104.82	Open To Flow (1)
21	38.08	106.26	Shut-In(1)
68	591.45	107.14	End Shut-In(1)
68	44.89	107.04	Open To Flow (2)
130	68.42	108.71	Shut-In(2)
222	981.70	109.42	End Shut-In(2)
224	1814.36	109.41	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCWM 15%G 20%O 25%W 40%M	0.30
40.00	GOM 5%G 5%O 90%M	0.20
210.00	GIP 100%G	2.37

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

JEL Resources LLC.

**6-22s-15w/ Pawnee**

4093 Conner CT  
Castle Rock Co. 80109

**WFY Oil & Gas 1-6**

Job Ticket: 65028

**DST#: 1**

ATTN: Jeremy Shwartz

Test Start: 2023.04.04 @ 20:35:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	GOCWM 15%G 20%O 25%W 40%M	0.295
40.00	GOM 5%G 5%O 90%M	0.197
210.00	GIP 100%G	2.372

Total Length: 310.00 ft      Total Volume: 2.864 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

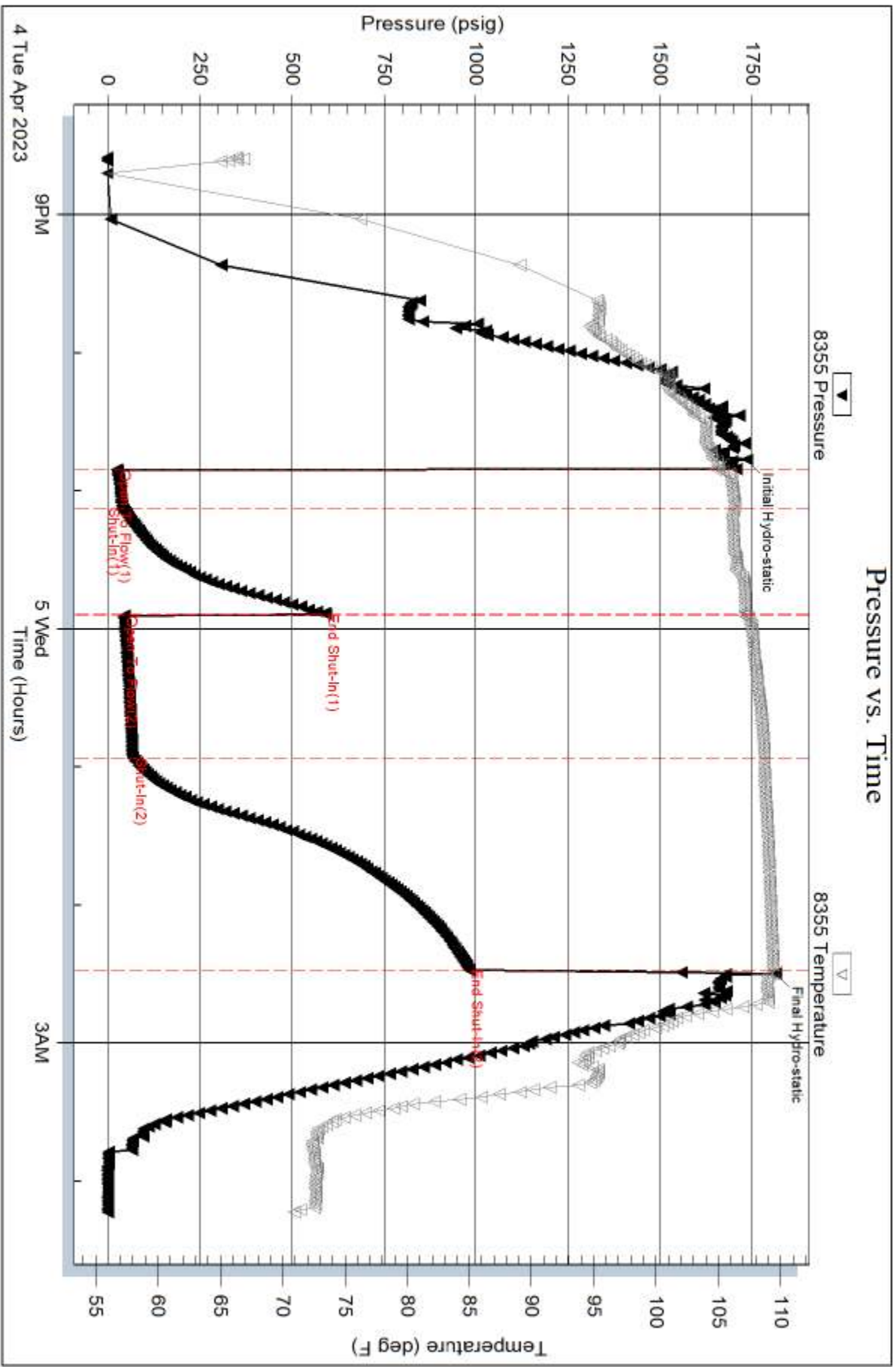
Serial #:

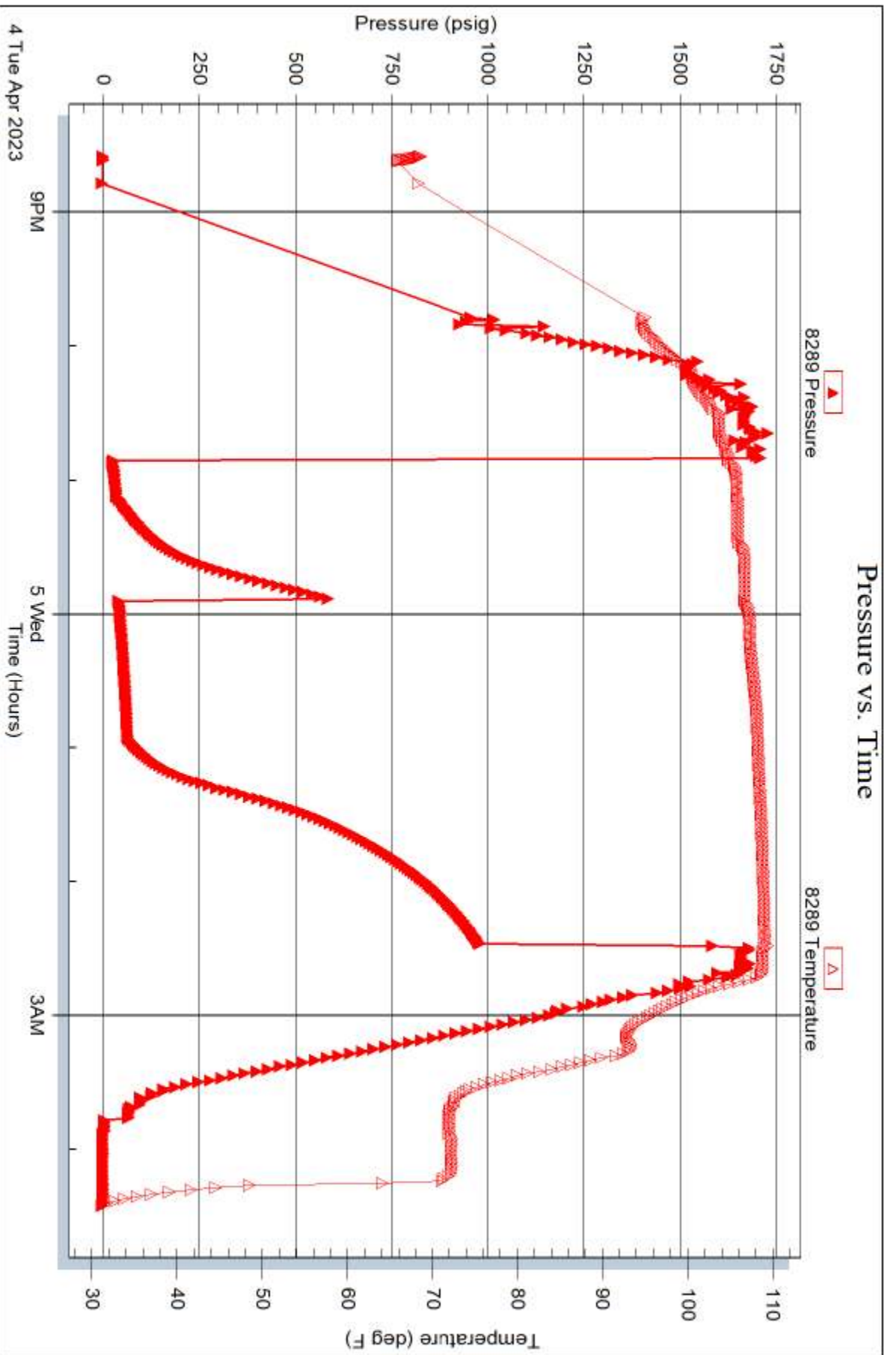
Laboratory Name:

Laboratory Location:

Recovery Comments:









**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

JEL Resources LLC.

**6-22s-15w/ Pawnee**

4093 Conner CT  
Castle Rock Co. 80109

**WFY Oil & Gas 1-6**

Job Ticket: 65029

**DST#: 2**

ATTN: Jeremy Shwartz

Test Start: 2023.04.06 @ 20:51:00

## GENERAL INFORMATION:

Formation: **Lansing J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:05:30

Time Test Ended: 05:04:15

Test Type: Conventional Straddle (Reset)

Tester: Richie Samora

Unit No: 66

**Interval: 3670.00 ft (KB) To 3700.00 ft (KB) (TVD)**

Total Depth: 3996.00 ft (KB) (TVD)

Hole Diameter: 7.79 inches Hole Condition: Good

Reference Elevations: 1990.00 ft (KB)

1982.00 ft (CF)

KB to GR/CF: 8.00 ft

## Serial #: 8355

Press@RunDepth: 93.31 psig @ ft (KB)

Start Date: 2023.04.06

End Date:

2023.04.07

Start Time: 20:51:05

End Time:

05:04:14

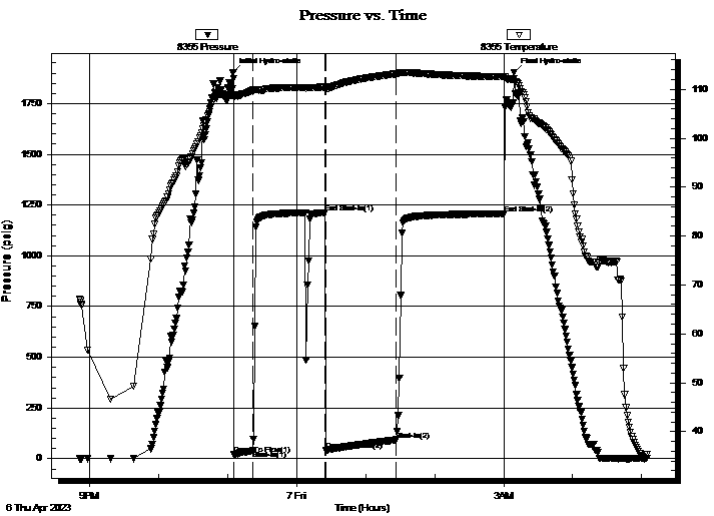
Capacity: 8000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2023.04.06 @ 23:04:30

Time Off Btm: 2023.04.07 @ 03:09:15

**TEST COMMENT:** 15-IF: Weak blow built to 4.5"  
45-ISI: No blow back  
60-FF: Weak surface blow built to 11.55"  
90-FSI: No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1903.17	108.84	Initial Hydro-static
1	20.52	108.41	Open To Flow (1)
17	43.45	109.79	Shut-In(1)
80	1211.32	110.46	End Shut-In(1)
81	42.39	110.09	Open To Flow (2)
142	93.31	113.16	Shut-In(2)
236	1206.85	112.58	End Shut-In(2)
245	1903.39	112.16	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
64.00	WM 90%W 10%M	0.90
64.00	WM 75%W 25%M	0.90
32.00	MW 55%W 45%M	0.45

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

JEL Resources LLC.

**6-22s-15w/ Pawnee**

4093 Conner CT  
Castle Rock Co. 80109

**WFY Oil & Gas 1-6**

Job Ticket: 65029

**DST#: 2**

ATTN: Jeremy Shwartz

Test Start: 2023.04.06 @ 20:51:00

### 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: 51.00 sec/qt

Cushion Volume: bbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
64.00	WM 90%W 10%M	0.898
64.00	WM 75%W 25%M	0.898
32.00	MW 55%W 45%M	0.449

Total Length: 160.00 ft      Total Volume: 2.245 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

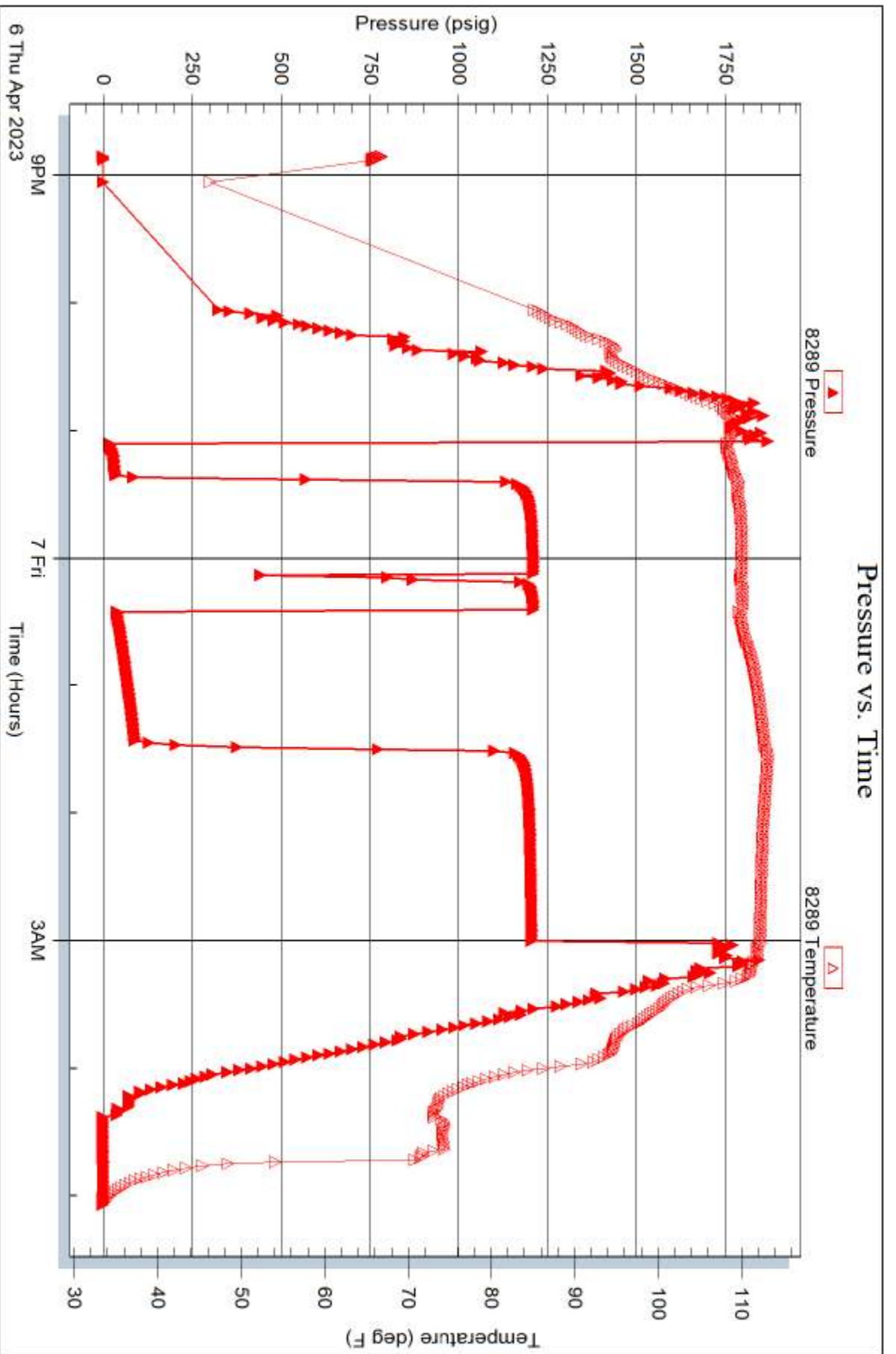
Serial #:

Laboratory Name:

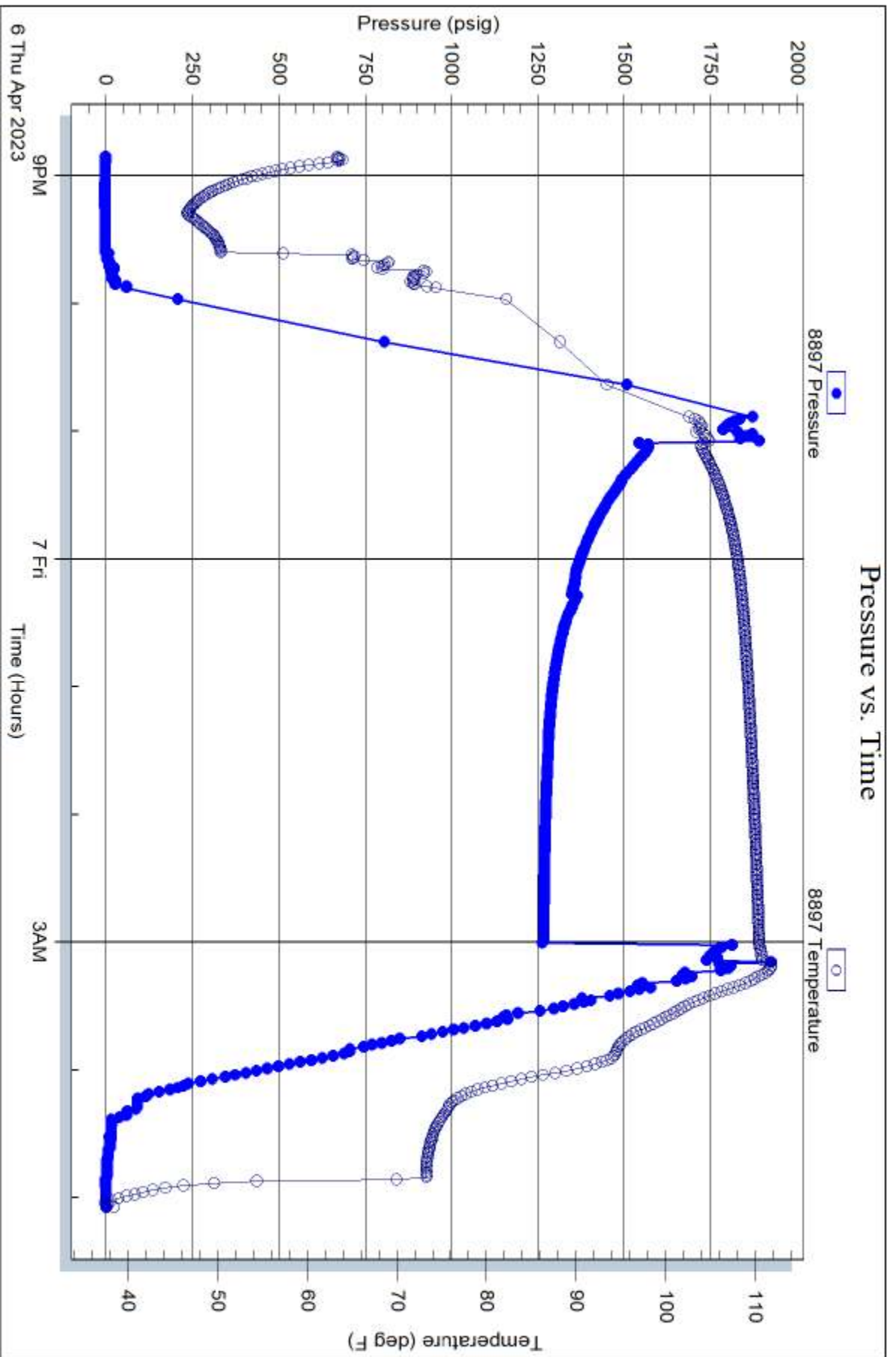
Laboratory Location:

Recovery Comments:

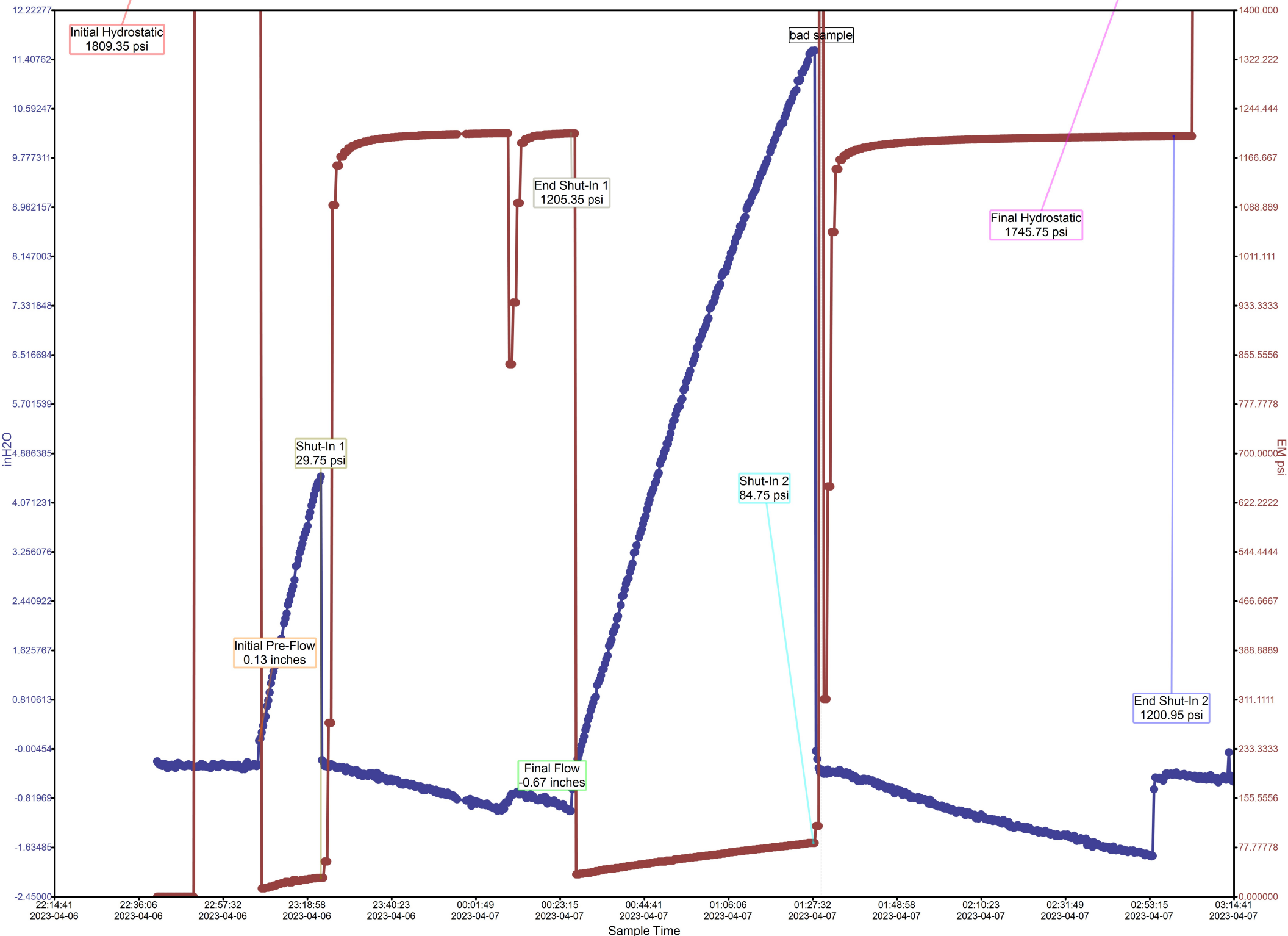








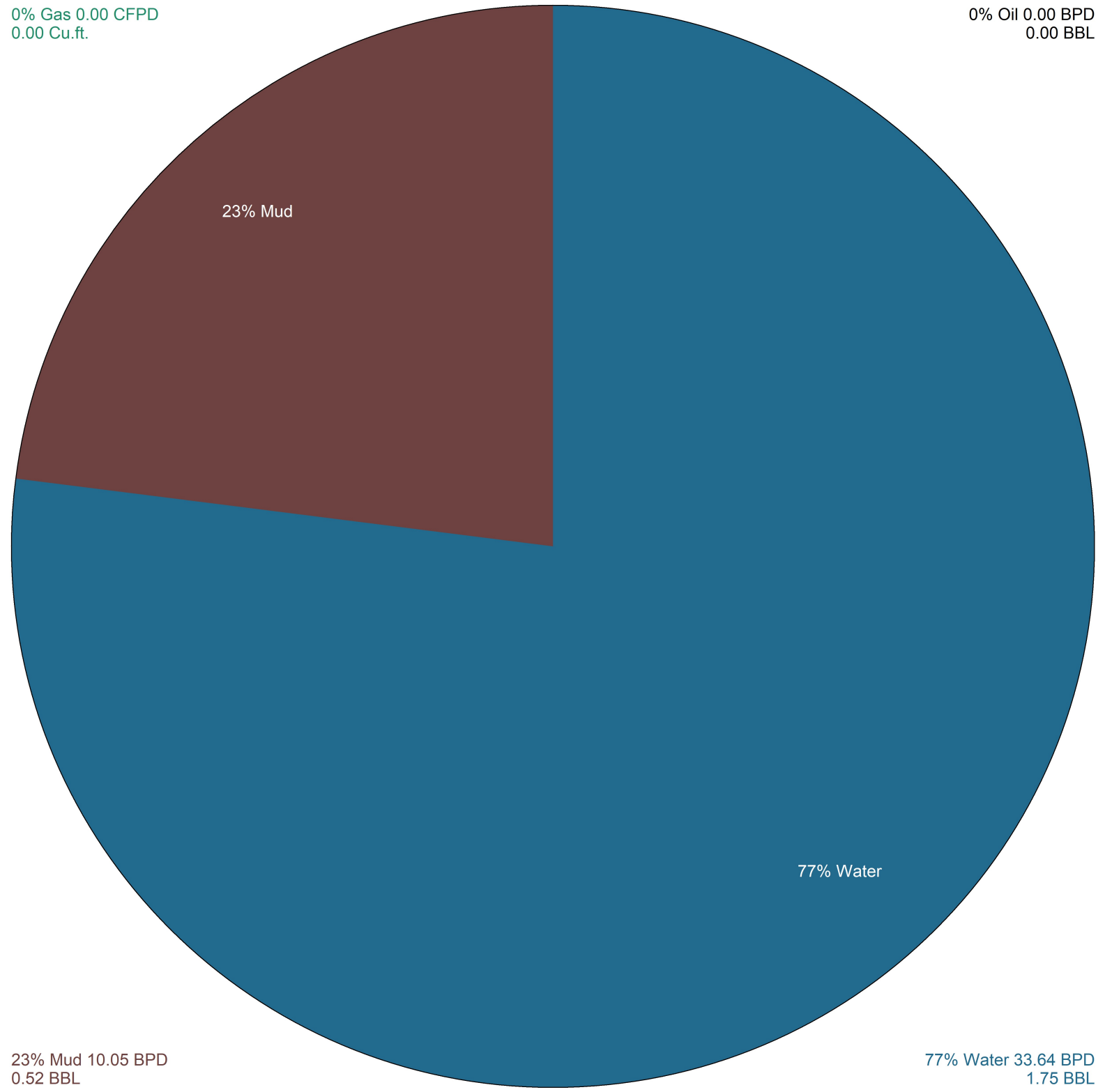
# JEL Resources LLC - WFY Oil Gas 1-6 - DST 2



Calculated Recovery Analysis - JEL Resources LLC - WFY Oil Gas 1-6 - DST 2

0% Gas 0.00 CFPD  
0.00 Cu.ft.

0% Oil 0.00 BPD  
0.00 BBL



23% Mud 10.05 BPD  
0.52 BBL

77% Water 33.64 BPD  
1.75 BBL