

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	Shelby Resources LLC
Well Name	L & M UNIT 1-33
Doc ID	1704955

All Electric Logs Run

Neutron/Density
Sonic
Dual Induction
Micro



Scale 1:240 Imperial

Well Name: LM Unit #1-33
 Surface Location: 184' FSL_1775' FWL, Sec. 33-T28s-R14w
 Bottom Location:
 API: 15-151-22555-00-00
 License Number: 31725
 Spud Date: 10/14/2022 Time: 11:00 AM
 Region: Pratt County
 Drilling Completed: 10/27/2022 Time: 5:30 AM
 Surface Coordinates:
 Bottom Hole Coordinates:
 Ground Elevation: 2021.00ft
 K.B. Elevation: 2033.00ft
 Logged Interval: 3200.00ft To: 4914.00ft
 Total Depth: 4914.00ft
 Formation:
 Drilling Fluid Type: Chemical/Fresh Water Gel

OPERATOR

Company: Shelby Resources, LLC
 Address: 3700 Quebec St. Unit 100 PMB 376
 Denver, CO 80207

Contact Geologist: Jeremy Schwartz
 Contact Phone Nbr: 203-671-6034
 Well Name: LM Unit #1-33
 Location: 184' FSL_1775' FWL, Sec. 33-T28s-R14w
 API: 15-151-22555-00-00
 Pool:
 State: Kansas Field: USA
 Country: USA

LOGGED BY



Company: Mile High Exploration, LLC
 Address: 14645 Sterling Road
 Colorado Springs, CO 80921

Phone Nbr: 203-671-6034
 Logged By: Geologist Name: Jeremy Schwartz

NOTES

The Shelby Resources, LLC L&M Unit #1-33 was drilled to a total depth of 4914', bottoming in the Arbuckle. An iBall Instruments Bloodhound gas detector was employed in the drilling of said well

10 DST's were conducted during the drilling of this well, 1 of which was a misrun due to a hole in the drill pipe.

Due to drill stem test results, sample shows, gas kicks, and log analysis it was determined by all parties involved to further test the well through production casing. The dry samples were saved and will be available for further review at the Kansas Geological Society Well Sample Library, located in Wichita, KS.

Respectfully Submitted,
 Jeremy Schwartz
 Geologist

CONTRACTOR

Contractor: Fossil Drilling
 Rig #: 3
 Rig Type: mud rotary
 Spud Date: 10/14/2022
 TD Date: 10/27/2022
 Rig Release:
 Time: 11:00 AM
 Time: 5:30 AM
 Time:

ELEVATIONS

K.B. Elevation: 2033.00ft
 K.B. to Ground: 12.00ft
 Ground Elevation: 2021.00ft

Formation	D&A															
	Flynn Oil Co.						Shelby Resources, LLC									
	Luther #1						Shriver Trust #1-32									
	L&M Unit #1-33				NW-NW-NW Sec. 4-T29s-R14w				NE-SW-SE-SE Sec. 32-T28s-R14w							
KB		2033		KB		2022		KB		2042						
LOG TOPS		SAMPLE TOPS		COMP. CARD		LOG		SMPL.		COMP. CARD		LOG		SMPL.		
DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	
Anhydrite	869	1164	872	1161	875	1147	+ 17	+ 14	880	1162	+ 2	- 1				
Topeka	3472	-1439	3476	-1443	3465	-1443	+ 4	+ 0	3476	-1434	- 5	- 9				
Heebner	3842	-1809	3842	-1809	3830	-1808	- 1	- 1	3840	-1798	- 11	- 11				
Douglas	3883	-1850	3888	-1855	3875	-1853	+ 3	- 2	3880	-1838	- 12	- 17				
Brown Lime	4008	-1975	4012	-1979	3998	-1976	+ 1	- 3	4003	-1961	- 14	- 18				
Lansing	4024	-1991	4027	-1994	4018	-1996	+ 5	+ 2	4019	-1977	- 14	- 17				
Lansing B	4050	-2017	4058	-2025	4044	-2022	+ 5	- 3	4047	-2005	- 12	- 20				
Muncie Creek	4184	-2151	4188	-2155	4176	-2154	+ 3	- 1	4179	-2137	- 14	- 18				
Lansing H	4187	-2154	4192	-2159	4184	-2162	+ 8	+ 3	4183	-2141	- 13	- 18				
Stark	4319	-2286	4324	-2291	4318	-2296	+ 10	+ 5	4310	-2268	- 18	- 23				
BKC	4394	-2361	4398	-2365	4390	-2368	+ 7	+ 3	4388	-2346	- 15	- 19				
Marmaton	4409	-2376	4410	-2377	4406	-2384	+ 8	+ 7	4403	-2361	- 15	- 16				
Viola	4514	-2481	4514	-2481	4523	-2501	+ 20	+ 20	4507	-2465	- 16	- 16				
Simpson Shale	4624	-2591	4623	-2590	4612	-2590	- 1	+ 0	4638	-2596	+ 5	+ 6				
Simpson Sand																
Arbuckle	4683	-2650	4684	-2651	4681	-2659	+ 9	+ 8	4695	-2653	+ 3	+ 2				
RTD	4914	-2881			4710	-2688	- 193		4775	-2733	- 148					
LTD			4915	-2882	4707	-2685		- 197	4774	-2732		- 150				

ROCK TYPES

Cht
 Dolprim
 shale, grn
 Carbon Sh
 Ss
 Cht vari
 Lmst fw<7
 shale, gry
 shale, red

ACCESSORIES

FOSSIL
 ^ Bioclastic or Fragmental
 F Fossils < 20%
 o Oolites










STRINGER
 Chert
 Dolomite
 Limestone
 Sandstone
 Siltstone
 Shale
 green shale
 red shale


TEXTURE
 C Chalky

OTHER SYMBOLS

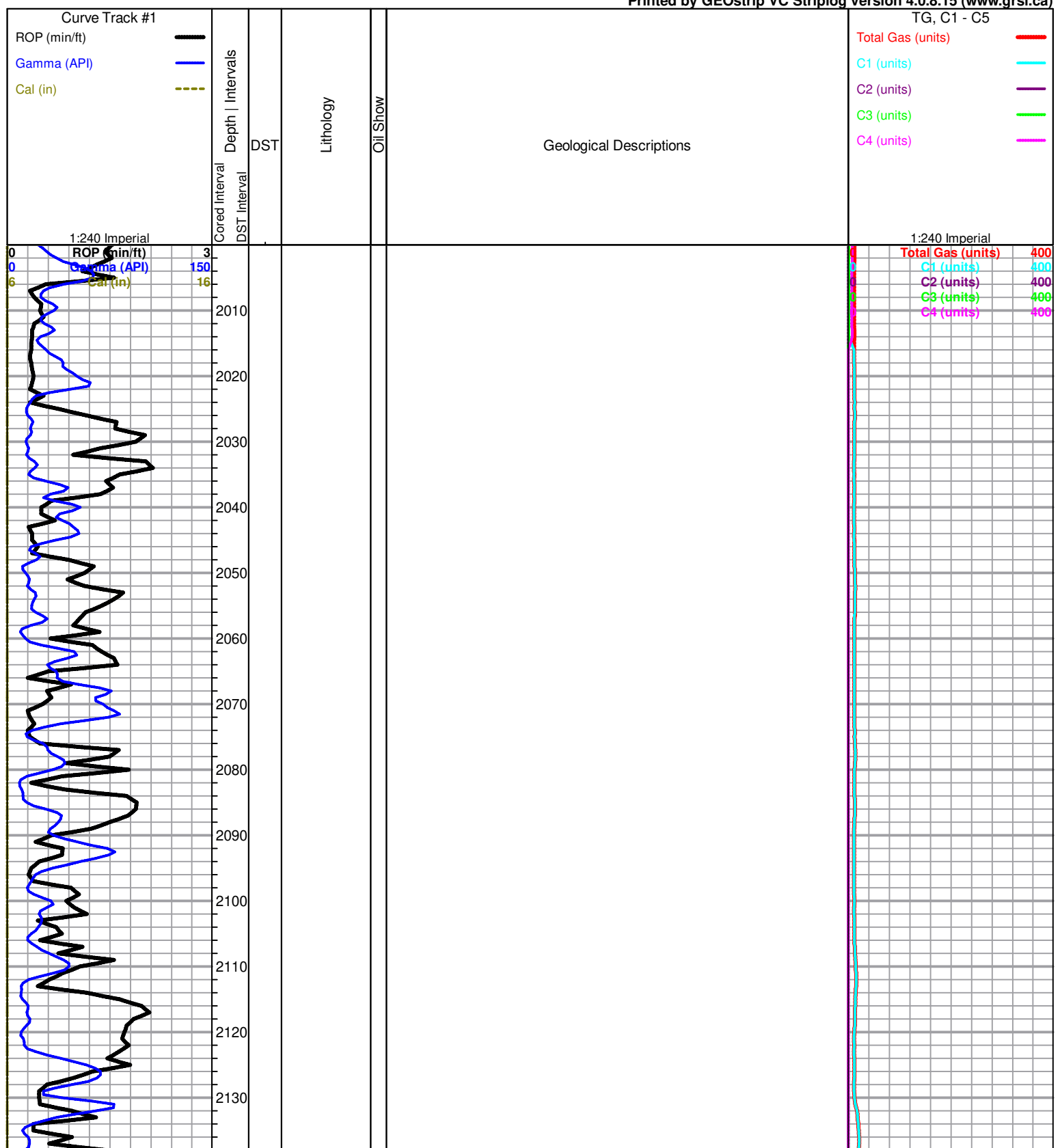
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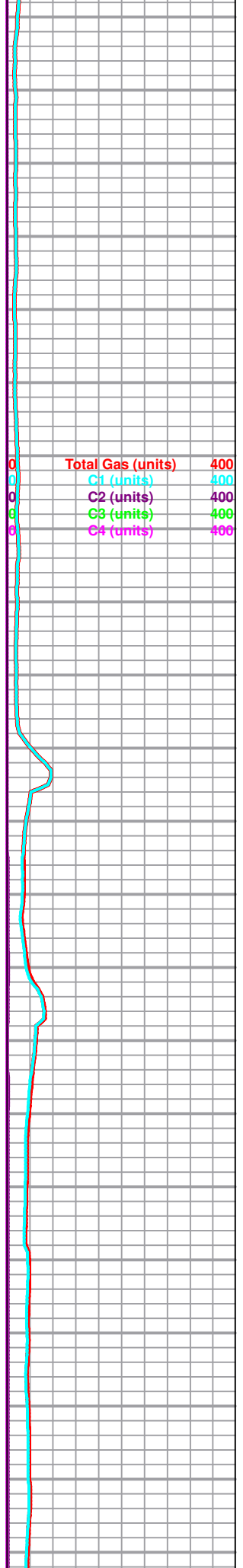
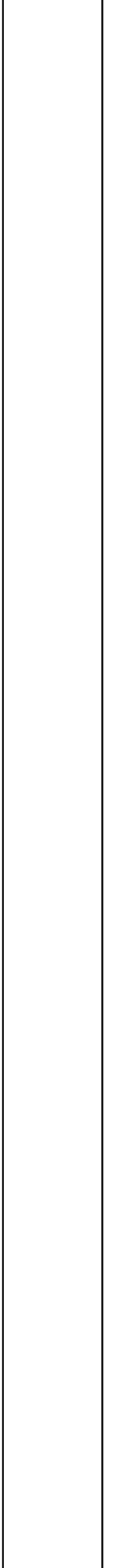
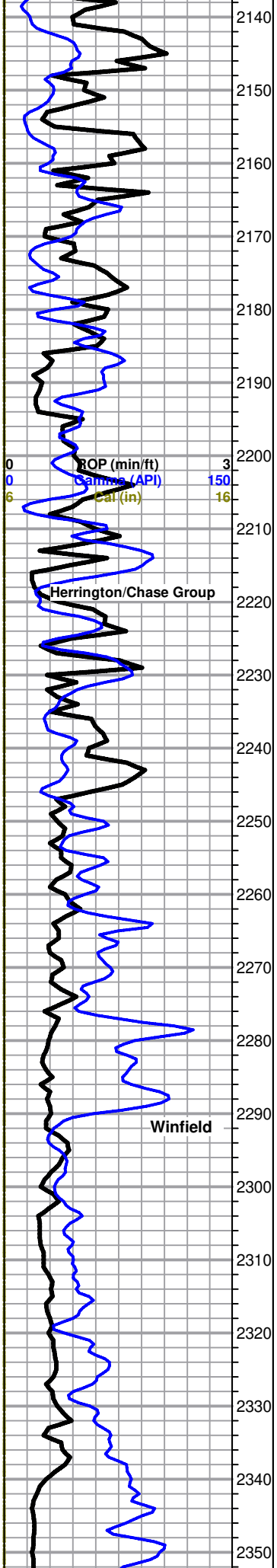
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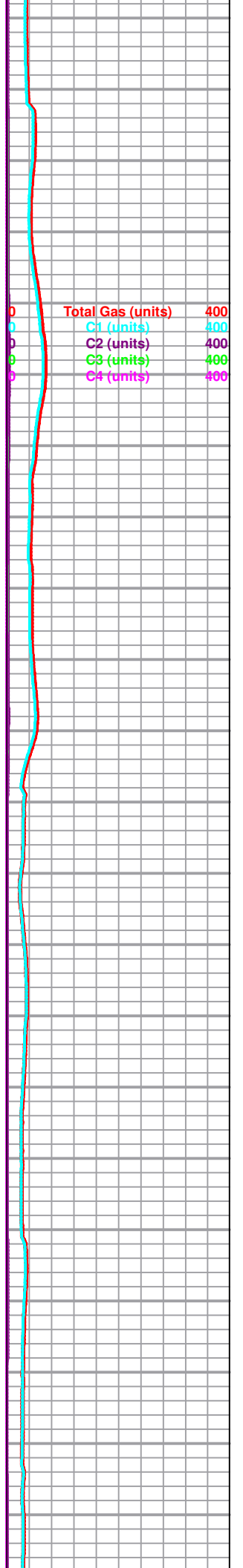
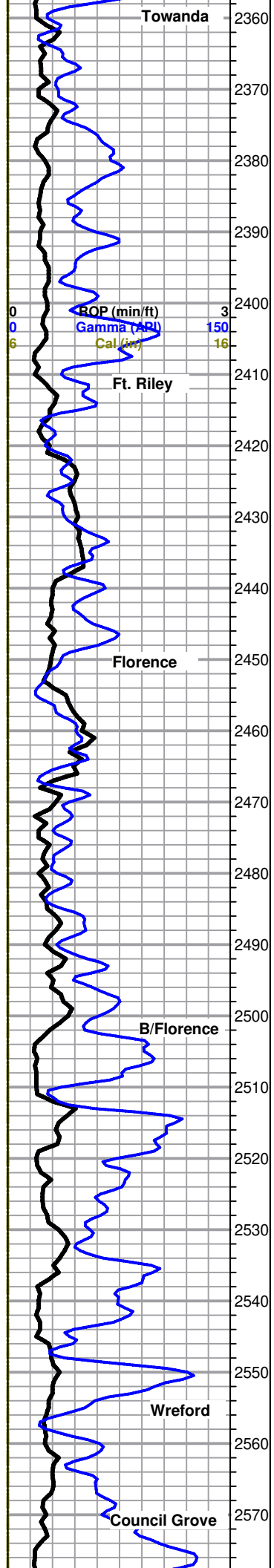
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-  Document
-  Folder
-  Link
-  Vertical Log File
-  Horizontal Log File
-  Core Log File
-  Drill Cuttings Rpt

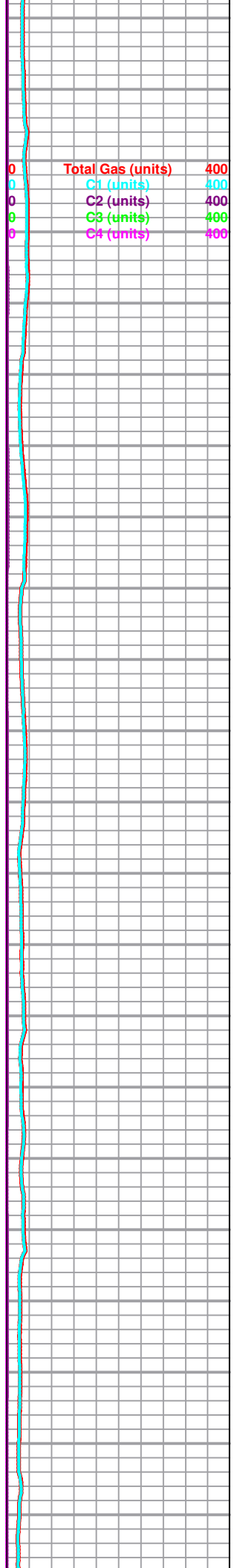
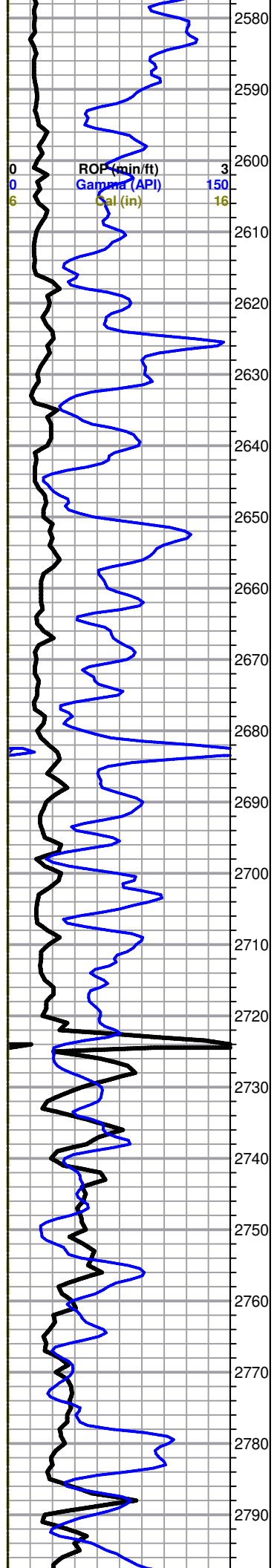
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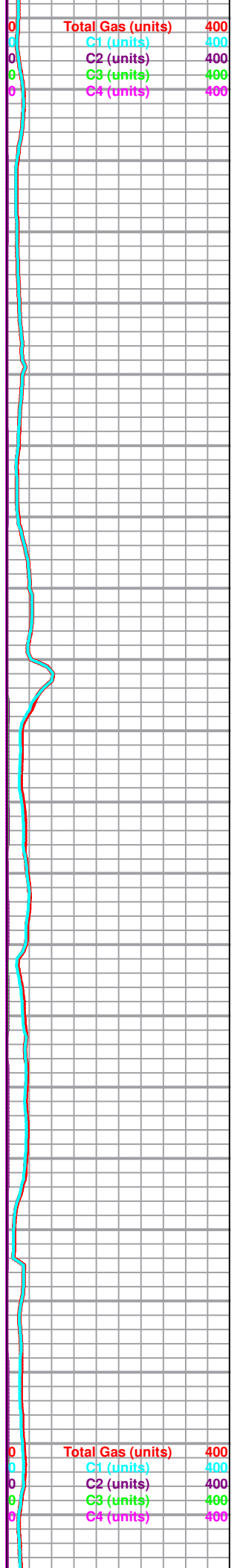
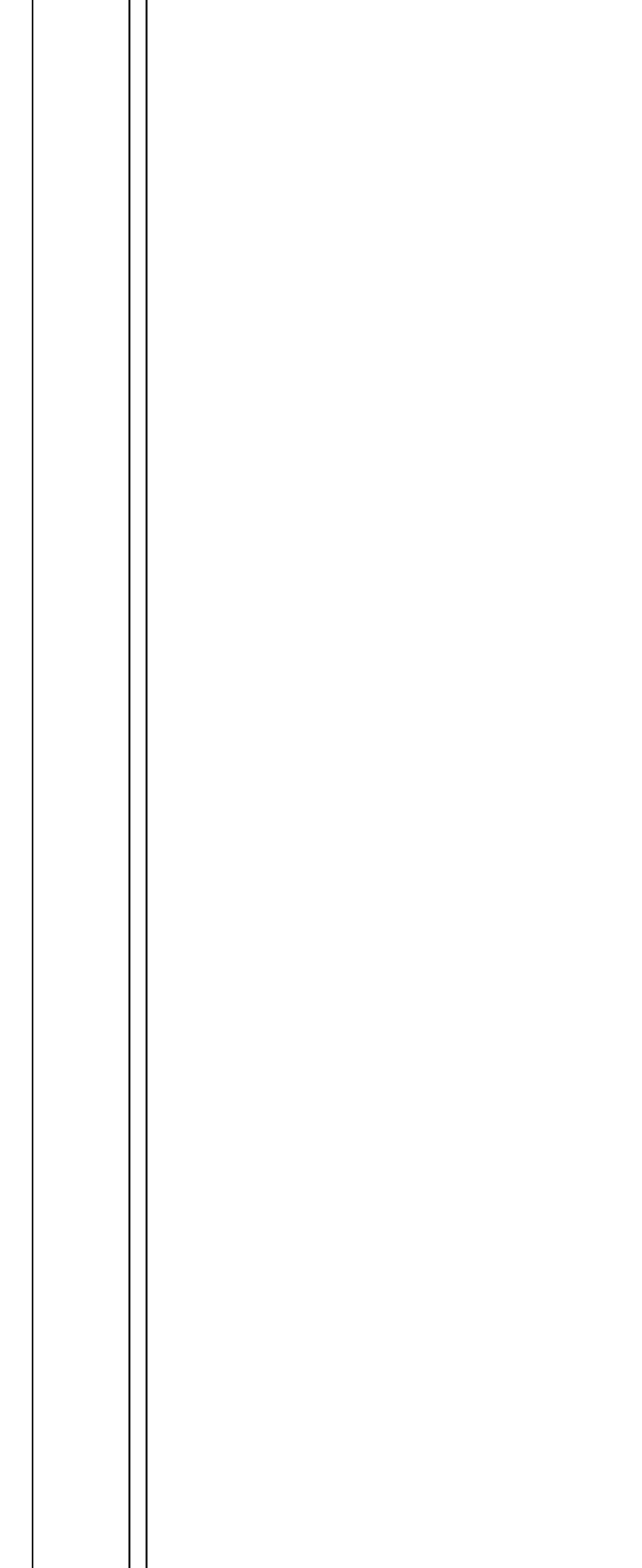
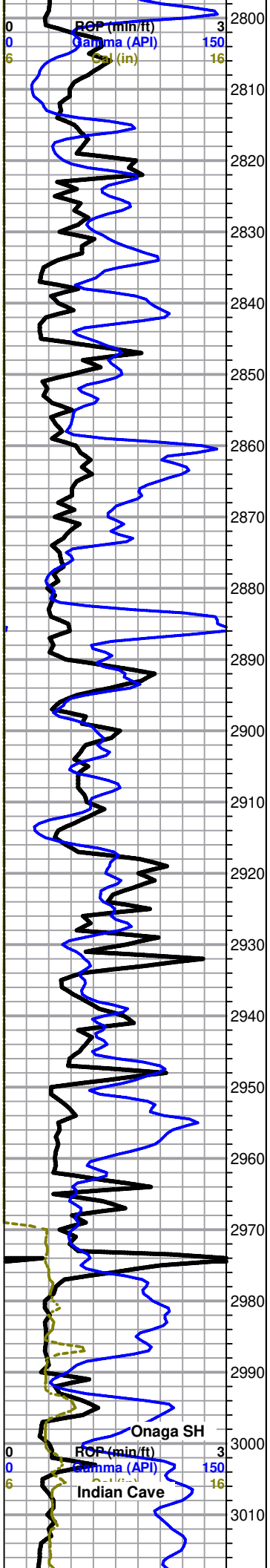
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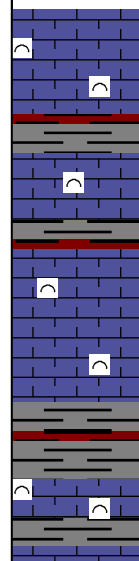
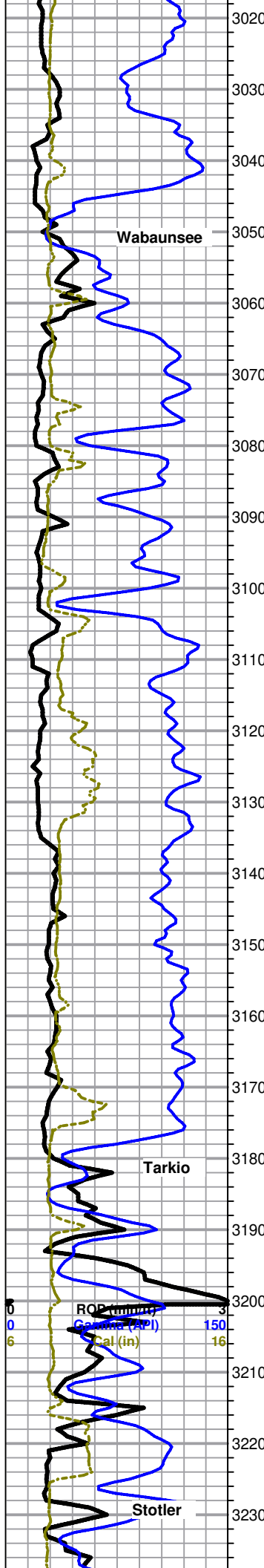












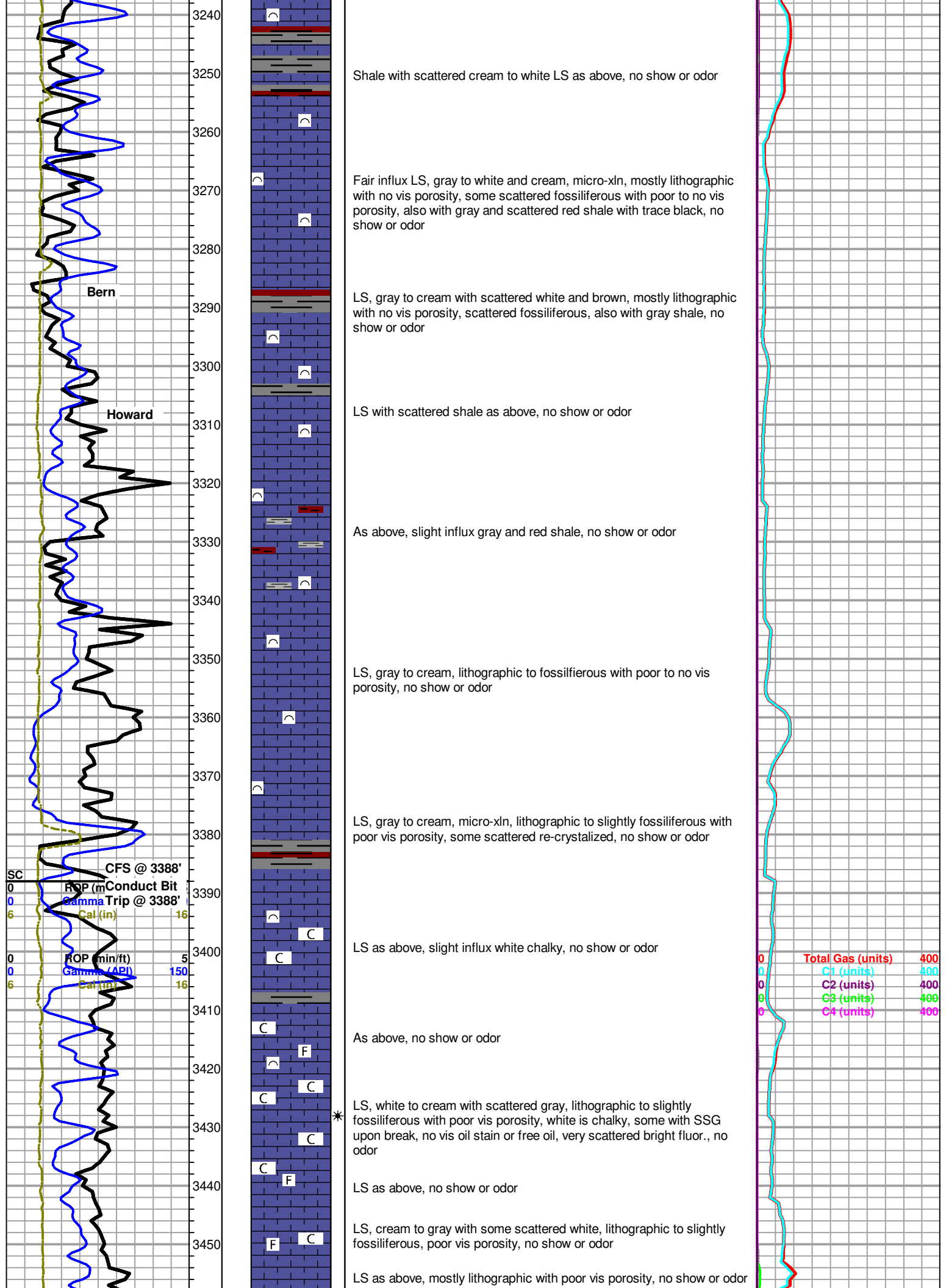
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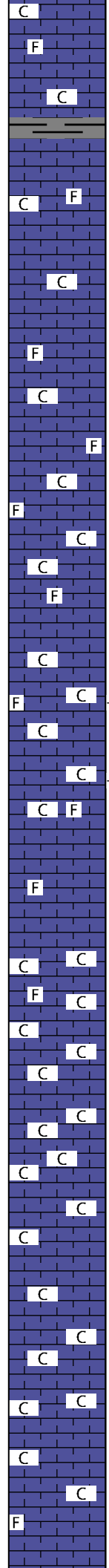
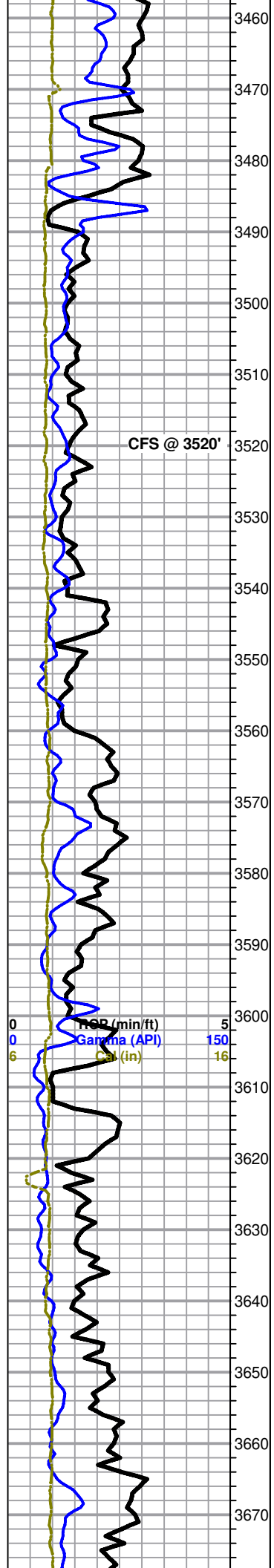
Mostly gray shale with some very scattered red, also with scattered LS, cream to white, micro-xln, lithographic and dense with no vis porosity to fossiliferous with mostly poor inter-fossil porosity, no show or odor

Shale with scattered LS as above, poor to no vis porosity, no show or odor

As above, slight influx white lithographic to fossiliferous LS as above, poor to no vis porosity, no show or odor

0	Total Gas (units)	400
0	C1 (units)	400
0	C2 (units)	400
0	C3 (units)	400
0	C4 (units)	400





LS, cream to gray with scattered white, micro-xln, mostly lithographic with poor vis porosity, some slightly fossiliferous, no show or odor

Topeka 3476 (-1443)

LS as above, with fair influx gray lithographic, dense with no vis porosity, slightly chalky sample, no show or odor

LS, cream to gray, micro-xln, mostly lithographic with scattered slightly fossiliferous, most dense with no vis porosity, few very scattered rocks with a large vug or two, overall poor vis porosity, no show or odor

LS as above, overall poor vis porosity, no show or odor

LS, cream to gray with some scattered white, , micro-xln, mostly lithographic with poor vis porosity, very scattered rocks with a scattered small vug or two, white is chalky, no show or odor

CFS @ 3520'

3520' 30 & 60" LS, mostly cream to white with some scattered gray, micro-xln, lithographic with poor vis porosity, very scattered slightly fossiliferous, some scattered rocks with few small vugs to very slightly poor vuggy porosity, no show, fluor., or odor

LS, cream with some scattered gray and white, micro-xln, lithographic with some very scattered slightly fossiliferous, some chalky, with some scattered poor to fair vuggy porosity, no shows, fluor., or odor

LS as above, no show or odor

LS, cream to gray with scattered white, micro-xln, mostly lithographic and dense with poor vis porosity, some chalky, some very scattered slightly vuggy porosity, no show, fluor., or odor

LS as above, few very scattered gas bubbles in tray, fairly chalky sample, no vis oil shows or fluor., no odor

LS, mostly cream to white, micro-xln, lithographic with some very scattered slightly fossiliferous, some chalky, some scattered rocks with slightly vuggy porosity, few scattered gas bubbles in tray, fairly chalky sample, no vis oil shows or fluor., no odor

LS, cream to white with some gray, micro-xln, mostly lithographic and dense with poor vis porosity, very scattered slightly fossiliferous, few scattered rocks with few scattered small vugs, overall poor porosity, fairly chalky, no show or odor

LS as above, fairly chalky, no show or odor

LS, cream to white, micro-xln, mostly lithographic to chalky, some very scattered very slightly vuggy porosity, no show or odor

LS as above, no show or odor

LS as above, chalky, no show or odor

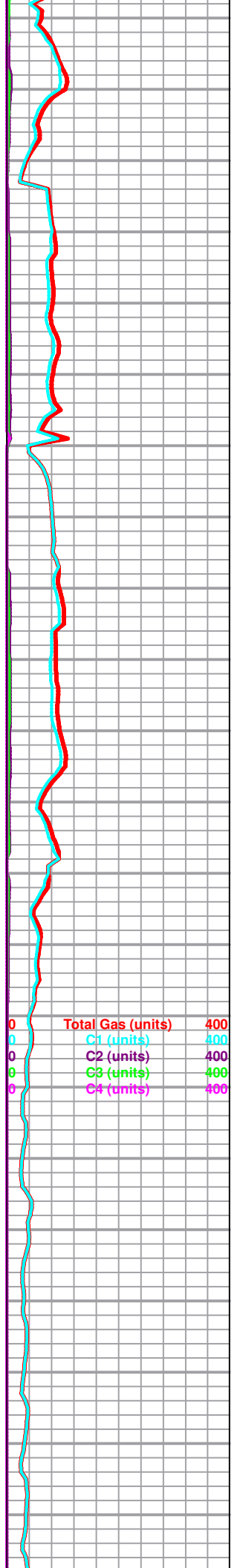
LS, cream to white, micro-xln, lithographic to chalky with poor vis porosity, chalky sample, no show or odor

LS, cream to white and very chalky as above, no show or odor

LS, cream to white, micro-xln, lithographic to chalky, some scattered slightly vuggy porosity, fairly chalky sample, no show or odor

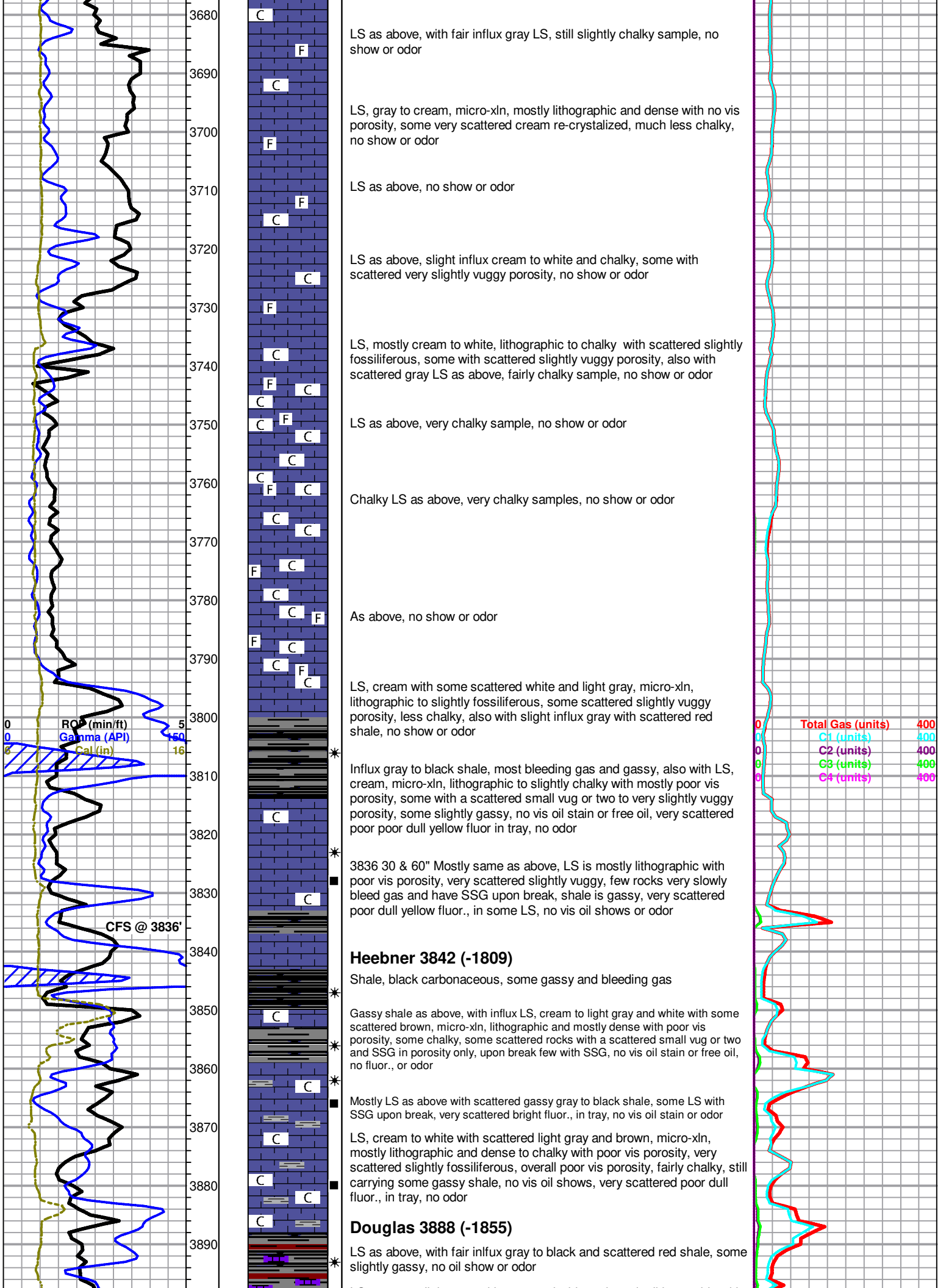
LS as above, fairly chalky, no show or odor

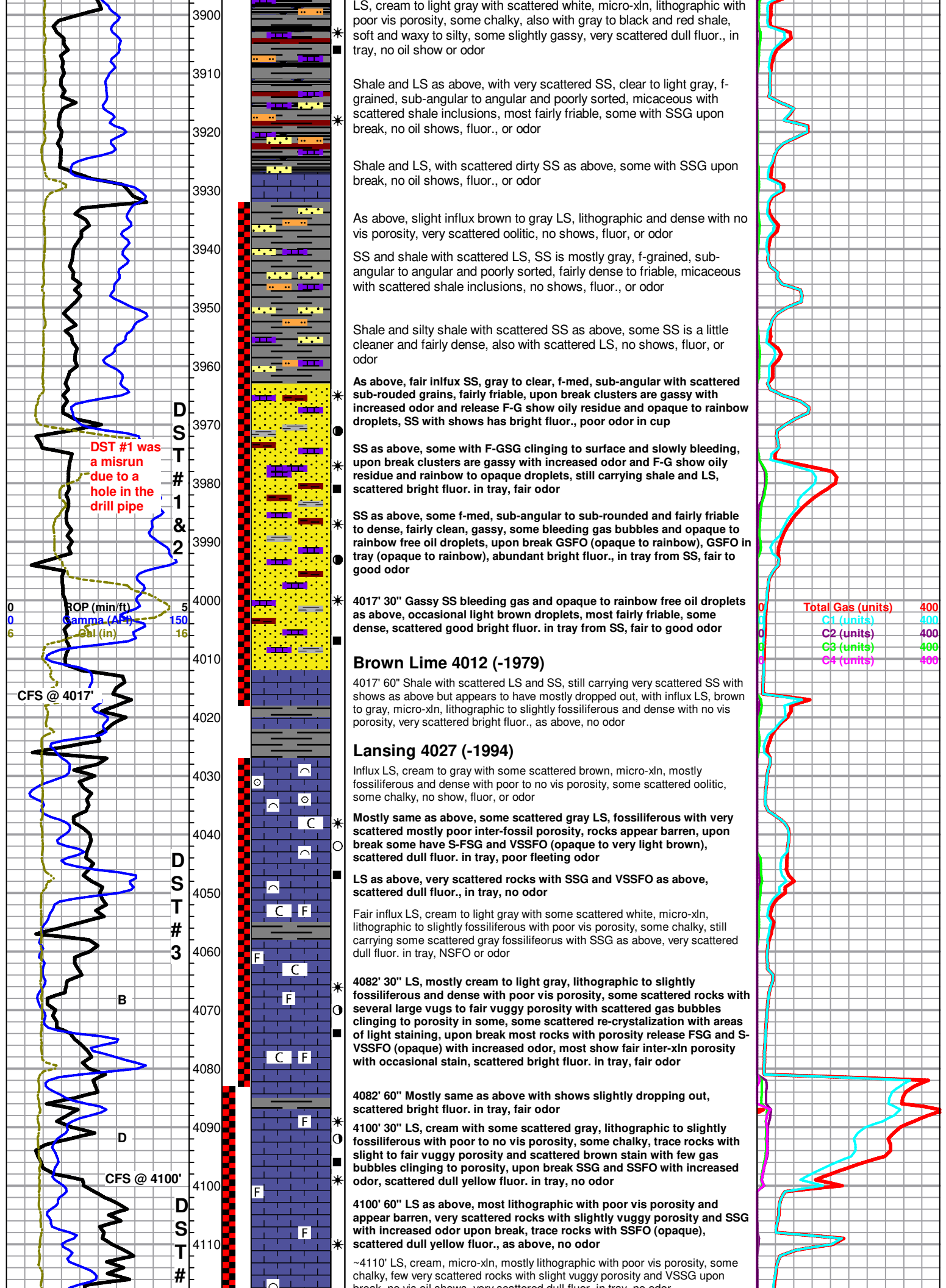
As above, with slight influx LS, light gray to gray lithographic to slightly fossiliferous with no vis porosity, no show or odor



Total Gas (units)	400
C1 (units)	400
C2 (units)	400
C3 (units)	400
C4 (units)	400

NP (min/ft) 5
Gamma (API) 150
Cal (in) 16





LS, cream to light gray with scattered white, micro-xln, lithographic with poor vis porosity, some chalky, also with gray to black and red shale, soft and waxy to silty, some slightly gassy, very scattered dull fluor., in tray, no oil show or odor

Shale and LS as above, with very scattered SS, clear to light gray, f-grained, sub-angular to angular and poorly sorted, micaceous with scattered shale inclusions, most fairly friable, some with SSG upon break, no oil shows, fluor., or odor

Shale and LS, with scattered dirty SS as above, some with SSG upon break, no oil shows, fluor., or odor

As above, slight influx brown to gray LS, lithographic and dense with no vis porosity, very scattered oolitic, no shows, fluor., or odor

SS and shale with scattered LS, SS is mostly gray, f-grained, sub-angular to angular and poorly sorted, fairly dense to friable, micaceous with scattered shale inclusions, no shows, fluor., or odor

Shale and silty shale with scattered SS as above, some SS is a little cleaner and fairly dense, also with scattered LS, no shows, fluor., or odor

As above, fair influx SS, gray to clear, f-med, sub-angular with scattered sub-rounded grains, fairly friable, upon break clusters are gassy with increased odor and release F-G show oily residue and opaque to rainbow droplets, SS with shows has bright fluor., poor odor in cup

SS as above, some with F-GSG clinging to surface and slowly bleeding, upon break clusters are gassy with increased odor and F-G show oily residue and rainbow to opaque droplets, still carrying shale and LS, scattered bright fluor. in tray, fair odor

SS as above, some f-med, sub-angular to sub-rounded and fairly friable to dense, fairly clean, gassy, some bleeding gas bubbles and opaque to rainbow free oil droplets, upon break GSFO (opaque to rainbow), GSFO in tray (opaque to rainbow), abundant bright fluor., in tray from SS, fair to good odor

4017' 30" Gassy SS bleeding gas and opaque to rainbow free oil droplets as above, occasional light brown droplets, most fairly friable, some dense, scattered good bright fluor. in tray from SS, fair to good odor

Brown Lime 4012 (-1979)

4017' 60" Shale with scattered LS and SS, still carrying very scattered SS with shows as above but appears to have mostly dropped out, with influx LS, brown to gray, micro-xln, lithographic to slightly fossiliferous and dense with no vis porosity, very scattered bright fluor., as above, no odor

Lansing 4027 (-1994)

Influx LS, cream to gray with some scattered brown, micro-xln, mostly fossiliferous and dense with poor to no vis porosity, some scattered oolitic, some chalky, no show, fluor., or odor

Mostly same as above, some scattered gray LS, fossiliferous with very scattered mostly poor inter-fossil porosity, rocks appear barren, upon break some have S-FSG and VSSFO (opaque to very light brown), scattered dull fluor. in tray, poor fleeting odor

LS as above, very scattered rocks with SSG and VSSFO as above, scattered dull fluor., in tray, no odor

Fair influx LS, cream to light gray with some scattered white, micro-xln, lithographic to slightly fossiliferous with poor vis porosity, some chalky, still carrying some scattered gray fossiliferous with SSG as above, very scattered dull fluor. in tray, NSFO or odor

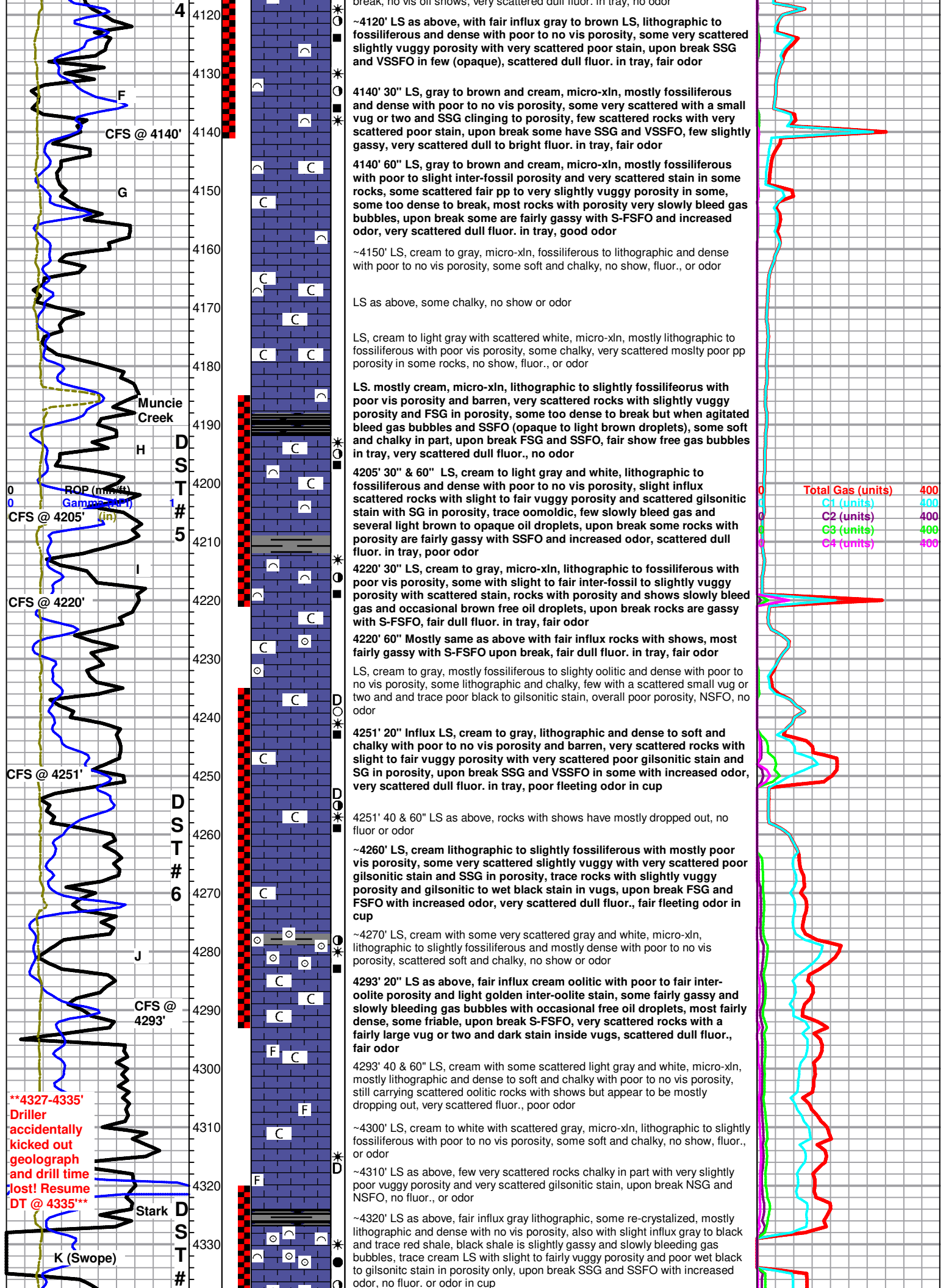
4082' 30" LS, mostly cream to light gray, lithographic to slightly fossiliferous and dense with poor vis porosity, some scattered rocks with several large vugs to fair vuggy porosity with scattered gas bubbles clinging to porosity in some, some scattered re-crystallization with areas of light staining, upon break most rocks with porosity release FSG and S-VSSFO (opaque) with increased odor, most show fair inter-xln porosity with occasional stain, scattered bright fluor. in tray, fair odor

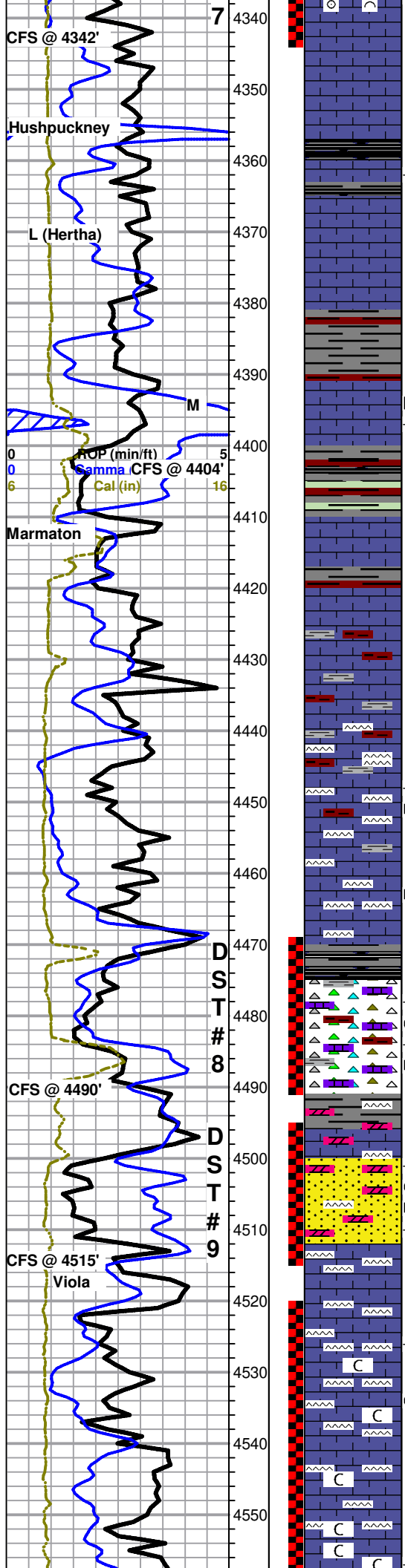
4082' 60" Mostly same as above with shows slightly dropping out, scattered bright fluor. in tray, fair odor

4100' 30" LS, cream with some scattered gray, lithographic to slightly fossiliferous with poor to no vis porosity, some chalky, trace rocks with slight to fair vuggy porosity and scattered brown stain with few gas bubbles clinging to porosity, upon break SSG and SSFO with increased odor, scattered dull yellow fluor. in tray, no odor

4100' 60" LS as above, most lithographic with poor vis porosity and appear barren, very scattered rocks with slightly vuggy porosity and SSG with increased odor upon break, trace rocks with SSFO (opaque), scattered dull yellow fluor., as above, no odor

~4110' LS, cream, micro-xln, mostly lithographic with poor vis porosity, some chalky, few very scattered rocks with slight vuggy porosity and VSSG upon break, no vis oil show, very scattered dull fluor. in tray, no odor





4342' 20" LS as above, fair influx oolitic to fossiliferous with fair to good inter-oolite to inter-fossil porosity with some scattered vugs and saturated brown stain, some scattered rocks with scattered flaky gilsonitic stain, rocks with shows bleeding gas, fairly dense to fairly friable, upon break strong odor with F-GSG and S-SFSO, very scattered dull fluor., in tray, fair odor

4342' 40" LS, cream to light gray, lithographic to fossiliferous and mostly dense with poor to no vis porosity and barren of shows, very scattered rocks with shows as above but appear to have mostly dropped out, some scattered fossiliferous very dense with few scattered small vugs and light brown stain in and around porosity, too dense to break, also with fair influx gray and trace red shale, no fluor., or odor

4342' 60" Barren LS with scattered shale as above, no shows or odor

~4350' Influx LS, cream to gray with scattered brown and white, micro-xln, lithographic and dense to soft and chalky with poor to no vis porosity or shows, very scattered gas bubbles in tray, very scattered poor fluor., no odor

~4360' LS as above, with fair influx gray to brown lithographic and dense with no vis porosity, trace rocks with a very small vug or two and VSSG in porosity, upon break VSSG and NSFO with no vis inter-xln porosity, very scattered poor dull fluor. in tray, also with slight influx very scattered gray to black shale, no odor

~4370'-4400' LS, mostly cream to gray, micro-xln, lithographic and mostly dense with no vis porosity or shows, few scattered large calcite crystals in tray, no fluor., or odor

BKC 4398 (-2365)

4404' 60" LS as above, with fair influx gray to green and red with scattered black shale, found two rocks LS, cream, dense with scattered very poor slightly vuggy porosity and light brown to gilsonitic stain, upon break SSG and NSFO, no fluor., or odor in cup

~4415' Shale as above, with influx LS, cream to light gray with some scattered brown, lithographic and dense with no vis porosity, no show or odor

~4425 LS, cream to gray, micro-xln, lithographic and dense with no vis porosity, no show, fluor., or odor

As above, with fair influx gray and red shale, no show or odor

LS with shale as above, with slight influx light gray chert, no show, fluor., or odor

As above, with fair influx vari-colored translucent, gray, brown, and scattered white cherts, mostly fresh and sharp with some scattered weathered, most dense with no vis porosity or shows, some scattered weathered is slightly gassy, upon break S-FSG and NSFO, fairly even dull yellow fluor., in tray, poor fleeting odor

Chert with scattered LS as above, with fair influx gray to black blocky shale, dense and waxy, scattered dull fluor., in tray, no vis oil shows, no odor

4490' 20" Influx white chert with mostly poor tripolitic to slightly vuggy porosity and scattered to saturated brown to black stain, most gassy and bleeding gas, some with few scattered fairly large vugs to fair vuggy porosity, upon break some with S-FSFO, SSFO in tray, scattered fluor., poor odor

4490' 40" As above, chert with shows appears to be slightly dropping out, influx cream to translucent and white chert, fresh and sharp, barren with no vis porosity or shows, scattered fluor. as above, poor fleeting odor

4490' 60" Chert with LS and scattered shale, most barren of shows, still carrying very scattered shows in chert as above, scattered fluor., no odor

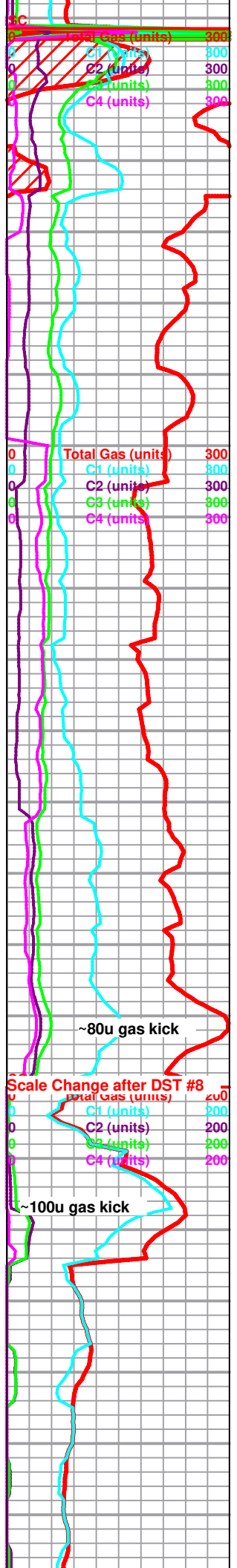
Mostly gray with very scattered red shale, waxy to blocky and dense, with scattered cream to white LS and brown dolomite, dol. is sucrosic and dense with no vis porosity, also with scattered vari-colored chert, with slight influx SS, brown, f-grained, sub-angular to sub-rounded and most fairly friable, some dolomitic and very dense, very gassy and bleeding gas with occasional very light free oil droplets to oily film, upon break some have FS oily film to very light droplets that fluoresce under black light, no odor

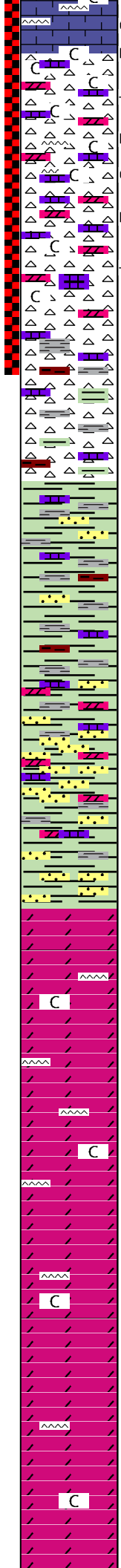
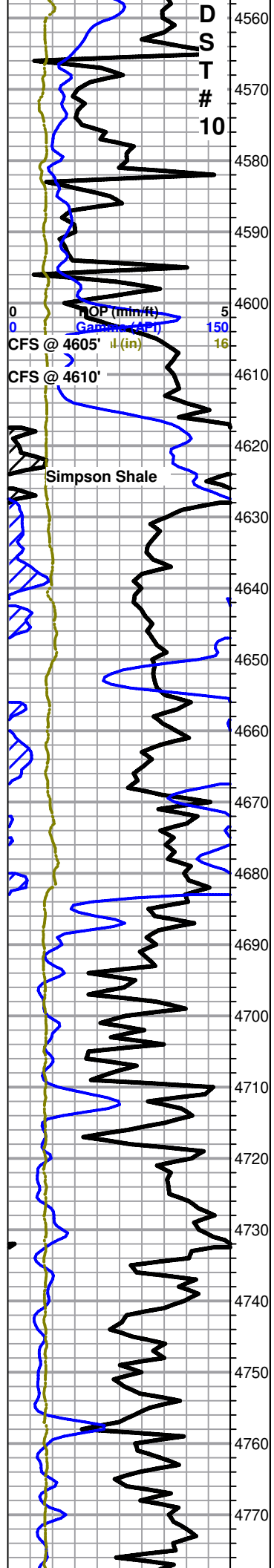
4515' 30 & 60" Mostly SS as above, gassy, most appears to be dolomitic and dense, slowly bleeding gas and oily film, some is cleaner SS and very friable, upon break some with SSFO (very light droplets with fluorescence), also with very scattered white chert, fairly vuggy with scattered black stain and slowly bleeding gas and oil, fairly even fluor., in tray, fair odor in cup

~4520' Mostly shale with scattered LS and very scattered SS, no shows, with fair influx white to translucent chert, most fresh and sharp with no vis porosity or shows, NSFO, no fluor. or odor

~4530 Mostly LS and chert, LS is cream to white dense lithographic to soft and chalky with no shows, chert is mostly as above with no porosity or shows, slight influx weathered with few very scattered small vugs and very scattered poor stain, some slightly gassy, few rocks fairly gassy and slowly bleeding gas and occasional very light free oil droplets, upon break rocks release FS very light free oil droplets with good fluor. very scattered gassy rocks have scattered bright fluor, no other fluor. in tray, poor fleeting odor

~4540' - ~4550' LS and chert with no porosity or shows as above, trace chert





Chalky LS and chert as above, fairly chalky, no fluor., or odor

Chalky LS and chert as above, slight increase weathered chert with poor to no vis porosity and scattered stain, slightly gassy, few scattered rocks gassy with a large vug or two to slightly vuggy porosity and scattered stain, slowly bleeding gas and occasional brown oil droplets, most too dense to break but when agitated release FSFO (brown droplets), with trace dolomite to dol. chert, white to light brown and fairly gassy, friable to very dense, few with FSFO upon break (very light brown to opaque), scattered bright fluor. in tray, poor odor

Mostly white to translucent chert with cream to white chalky LS and dolomite, most dense and barren with poor to no vis porosity, some scattered chert to dol. chert with slight gas show and poor to no porosity, upon break rocks are gassy, with scattered brown dolomite to cherty dol., dense to friable and fairly gassy with scattered dark stain and F-GSFO (opaque with fluor.) upon break, fair bright fluor. in tray, poor odor

4605' 30" Mostly white chert, fresh and sharp with no vis porosity or shows, some weathered and dense with a scattered small vug or two and scattered stain, slightly gassy, most with NSFO upon break, gassy dolomite and dol. chert appears to have mostly dropped out, SSFO (very light brown to opaque droplets with fluor..) in tray, scattered bright fluor., no odor

4610' 60" Mostly same as above, with fair influx gray to green and scattered black and red waxy and dense shale, scattered bright fluor., no odor

LS, chert, and shale, LS is mostly cream dense lithographic to soft chalky with no shows or porosity, chert is white and dense with no vis porosity, shale is mostly gray with scattered green and red, some sandy, also with very scattered SS, white to light gray and clear, f-med, sub-angular to sub-rounded and mostly dense, scattered fairly friable, some slightly shaly to chalky, no show or odor

Mostly gray to green shale to sandy shale with scattered LS, chert, and SS as above, no shows or odor

Green waxy shale, very scattered sandy, with very scattered SS as above, no show or odor

Green shale with scattered LS and SS, with very slight influx dolomite, cream to tan and white, sub-rhombic and poorly developed with no vis porosity, few scattered rocks with scattered dead black gilsonitic stain, one rock with SSG and VSSFO upon break, no odor

Mostly green shale with scattered LS and trace cream dolomite as above, with influx gray SS to dolomitic SS, f-med, most sub-angular with some scattered large rounded grains, some with scattered shale inclusions, some pyritic, most dense to fairly dense, no show or odor

Arbuckle 4684 (-2651)

As above, with slight influx dolomite, cream, mostly sucrosic and very dense with no vis porosity or shows, few rocks also very dense with some scattered small poor vugs, also with slight influx SS, clear, med-coarse, sub-rounded to rounded and clean, fairly friable, no shows or odor

Dolomite, cream to brown, mostly sucrosic and dense with no vis porosity, some scattered sub-rhombic with poor to fair development and less dense, no shows or odor

Dolomite as above, fair influx brown, mostly sucrosic and very dense with some scattered sub-rhombic and less dense, few very scattered rocks cream to brown with a few scattered small poor vugs, upon break few with VSSG, trace oolitic, also with trace brown to translucent oolitic chert, overall poor to no porosity, no vis. oil stain and NSFO, fair sulphur odor

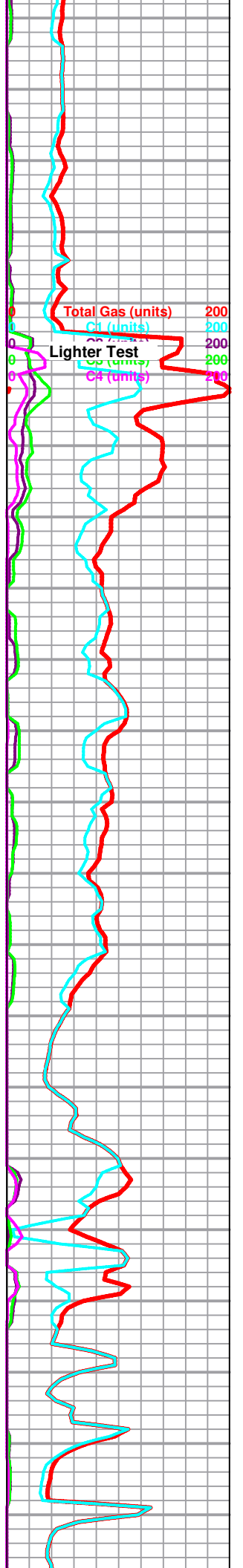
Dolomite as above, brown to cream sucrosic to sub-rhombic and mostly dense with no vis porosity, very scattered rocks oolitic to sub-oomoldic and very slightly vuggy, mostly dense with poor oomold and vuggy porosity, few with VSSG upon break, trace white chert with scattered gilsonitic stain, NSFO, fair sulphur odor

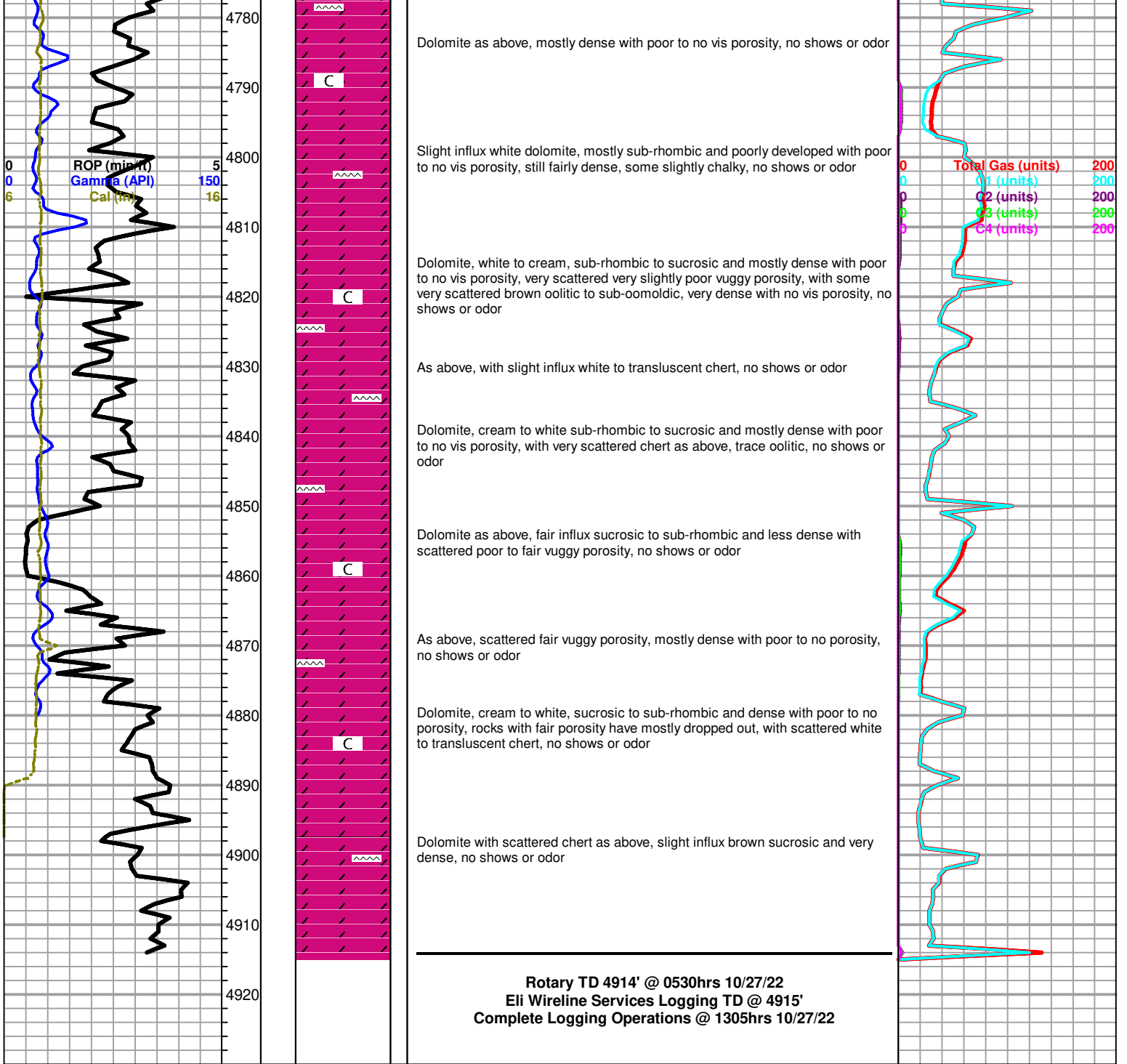
Dolomite, cream with scattered brown, sucrosic to sub-rhombic and dense with poor to no vis porosity, no shows or odor


Dolomite as above, very scattered very poor slightly vuggy porosity, sub-rhombic to slightly vuggy is less dense, overall rocks are mostly dense with poor to no vis porosity, no shows or odor

As above, slight influx white dolomite, sub-rhombic and mostly dense with no vis porosity, no shows or odor

Dolomite, cream to white with some very scattered brown, sucrosic with scattered sub-rhombic and mostly dense with no vis porosity, very scattered rocks dense with very slightly vuggy porosity, no shows or odor





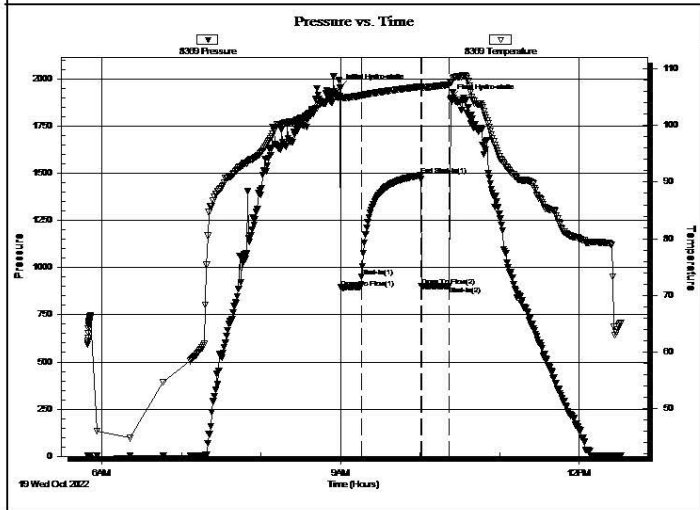
 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69607 DST#: 1 Test Start: 2022.10.19 @ 05:49:08

GENERAL INFORMATION:

Formation: Douglas	Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 09:00:08	Unit No: 80
Time Test Ended: 12:31:47	
Interval: 3932.00 ft (KB) To 4017.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4017.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair	KB to GR/CF: 12.00 ft

Serial #: 8369	Outside		
Press@RunDepth: 951.26 psig @ 3933.00 ft (KB)	Capacity: 8000.00 psig		
Start Date: 2022.10.19	End Date: 2022.10.19	Last Calib.: 1899.12.30	
Start Time: 05:49:09	End Time: 12:31:48	Time On Btm: 2022.10.19 @ 08:59:28	
		Time Off Btm: 2022.10.19 @ 10:23:08	


TEST COMMENT: IF:Weak Building Blow Built 1.00" (15)
 IS:No Blow Back (45)
 FF:Pulled tool to reset.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1954.36	105.10	Initial Hydro-static
1	893.64	104.87	Open To Flow (1)
17	951.26	105.28	Shut-In(1)
61	1488.80	106.86	End Shut-In(1)
62	900.71	106.69	Open To Flow (2)
83	902.70	107.20	Shut-In(2)
84	1898.88	107.57	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
1251.00	M 100%M	17.16

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

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69608 DST#: 2 Test Start: 2022.10.19 @ 12:55:01

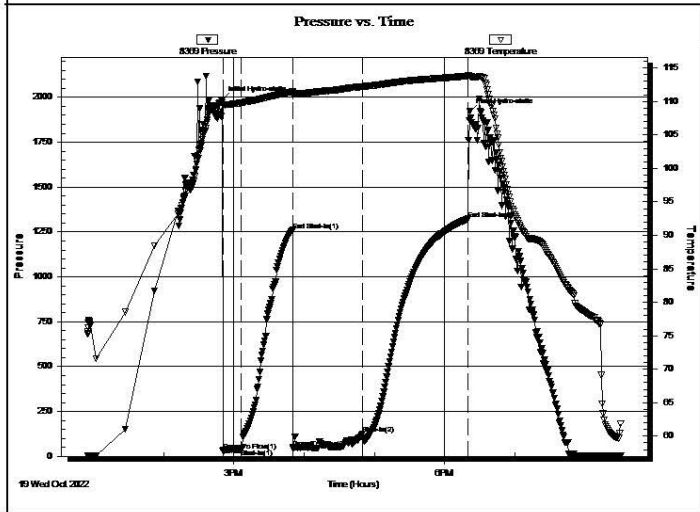
GENERAL INFORMATION:

Formation: Douglas	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 14:50:31	Unit No: 80
Time Test Ended: 20:30:40	
Interval: 3932.00 ft (KB) To 4017.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4017.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 127.25 psig @ 3933.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.10.19 End Date: 2022.10.19	Last Calib.: 2022.10.19
Start Time: 12:55:02 End Time: 20:30:41	Time On Btm: 2022.10.19 @ 14:49:31
	Time Off Btm: 2022.10.19 @ 18:21:31

TEST COMMENT: IF:Weak Building Blow built 1.50" in bucket. (15)
 IS:No Blow Back. (45)
 FF:Weak Building Blow built 1.50" in bucket. (60)
 FS:No Blow Back. (90)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1984.19	109.88	Initial Hydro-static
1	29.43	109.43	Open To Flow (1)
17	38.51	109.78	Shut-In(1)
61	1259.62	111.45	End Shut-In(1)
62	44.92	111.10	Open To Flow (2)
121	127.25	112.23	Shut-In(2)
211	1322.47	113.79	End Shut-In(2)
212	1920.78	113.74	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
65.00	M 100%M	0.32

* Recovery from multiple tests

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

	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69609 DST#: 3 Test Start: 2022.10.20 @ 05:41:38

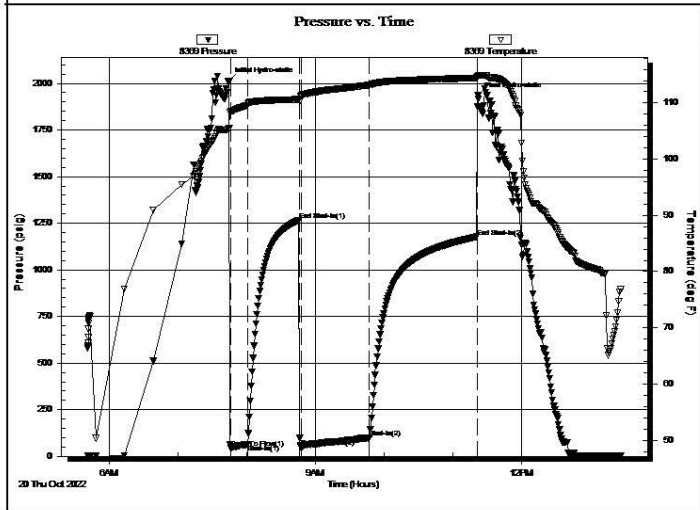
GENERAL INFORMATION:

Formation: Lansing A-B	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 07:46:38	Unit No: 80
Time Test Ended: 13:27:08	
Interval: 4027.00 ft (KB) To 4082.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4082.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair	KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 99.61 psig @ 4036.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.10.20 End Date: 2022.10.20	Last Calib.: 1899.12.30
Start Time: 05:41:39 End Time: 13:27:08	Time On Btm: 2022.10.20 @ 07:44:58
	Time Off Btm: 2022.10.20 @ 11:21:58

TEST COMMENT: IF:Strong Building Blow built 375.29" (15)
 IS:No Blow Back. (45)
 FF:Strong Building Blow built 689.94" (60)
 FSI:No Blow Back. (90)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2013.45	105.45	Initial Hydro-static
2	45.01	108.50	Open To Flow (1)
16	64.16	109.56	Shut-In(1)
62	1266.45	110.65	End Shut-In(1)
63	47.55	111.27	Open To Flow (2)
123	99.61	113.20	Shut-In(2)
217	1177.12	114.48	End Shut-In(2)
217	1934.57	114.78	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
58.50	GVSOWCM 20%G 5%O 5%W 70%M	0.29
58.50	GVSOWCM 5%G 5%O 5%W 85%M	0.29
40.00	OSM 100%M	0.58

* Recovery from multiple tests

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	15.81	11.31
Last Gas Rate	0.13	23.13	14.05
Max. Gas Rate	0.13	23.13	14.05

 <p style="font-size: 24pt; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC.</p>	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69610 DST#: 4 Test Start: 2022.10.21 @ 00:46:39

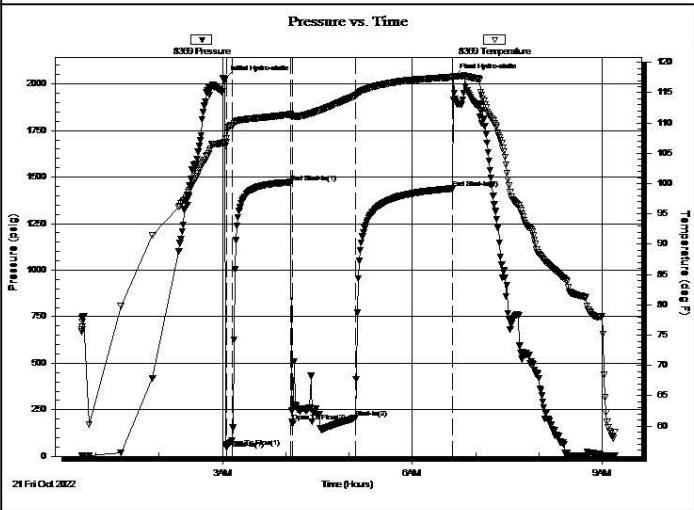
GENERAL INFORMATION:

Formation: Lansing D-F Deviated: No Whipstock: ft (KB) Time Tool Opened: 03:03:29 Time Test Ended: 09:12:18	Test Type: Conventional Bottom Hole (Reset) Tester: Eric Burgess Unit No: 80
Interval: 4083.00 ft (KB) To 4140.00 ft (KB) (TVD) Total Depth: 4140.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Fair	Reference Elevations: 2033.00 ft (KB) 2021.00 ft (CF) KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 207.00 psig @ 4095.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.10.21 End Date: 2022.10.21	Last Calib.: 2022.10.21
Start Time: 00:46:40 End Time: 09:12:19	Time On Btm: 2022.10.21 @ 03:02:09
	Time Off Btm: 2022.10.21 @ 06:38:59

TEST COMMENT: IF:Fair Building Blow built 9.61" (15)
 IS:No Blow Back. (45)
 FF:Strong Building Blow built 32.42" (60)
 FSI:No Blow Back. (90)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2023.99	106.77	Initial Hydro-static
2	49.28	106.81	Open To Flow (1)
7	83.81	109.56	Shut-In(1)
63	1472.36	111.42	End Shut-In(1)
64	185.24	111.05	Open To Flow (2)
124	207.00	114.47	Shut-In(2)
216	1438.45	117.54	End Shut-In(2)
217	2036.05	117.73	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
58.50	WCM 50%M 50%W	0.29
121.50	MCW 80%W 20%M	1.21
63.00	GOSWCM 15%G 45%W 40%M	0.92
126.00	GOSWCM 5%G 20%W 75%M	1.84
0.00	495' GIP	0.00

* Recovery from multiple tests

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

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69611 DST#: 5 Test Start: 2022.10.21 @ 21:46:36

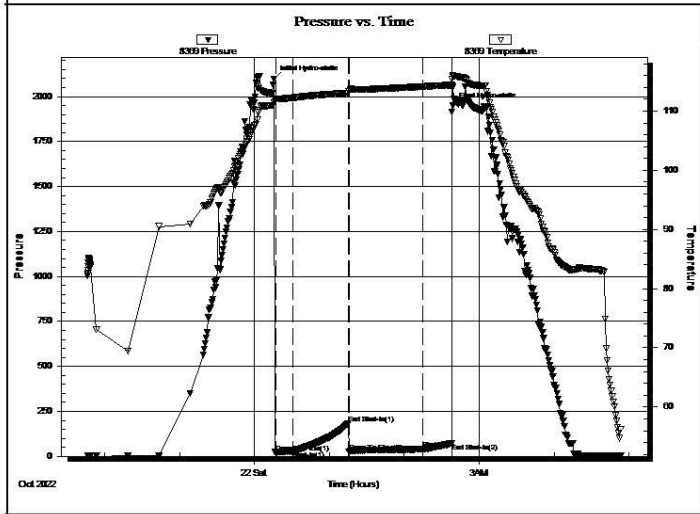
GENERAL INFORMATION:

Formation: Lansing H-I	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 00:16:56	Unit No: 80
Time Test Ended: 04:53:26	
Interval: 4185.00 ft (KB) To 4220.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 420.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair
	KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 40.12 psig @ 4186.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.10.21 End Date: 2022.10.22	Last Calib.: 1899.12.30
Start Time: 21:46:37 End Time: 04:53:26	Time On Btm: 2022.10.22 @ 00:15:56
	Time Off Btm: 2022.10.22 @ 02:38:46

TEST COMMENT: IF:Weak Building Blow built 2.50" in bucket. (15)
 IS:No Blow Back. (45)
 FF:Weak Building Blow built .50" in bucket. (60)
 FS:No Blow Back. (20)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.76	111.39	Initial Hydro-static
1	22.40	111.88	Open To Flow (1)
15	29.07	112.26	Shut-In(1)
60	184.36	113.05	End Shut-In(1)
60	25.99	113.36	Open To Flow (2)
120	40.12	114.15	Shut-In(2)
142	73.61	114.39	End Shut-In(2)
143	1947.28	115.88	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	M 100%M	0.05

* Recovery from multiple tests

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

	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69612 DST#: 6 Test Start: 2022.10.22 @ 15:54:37

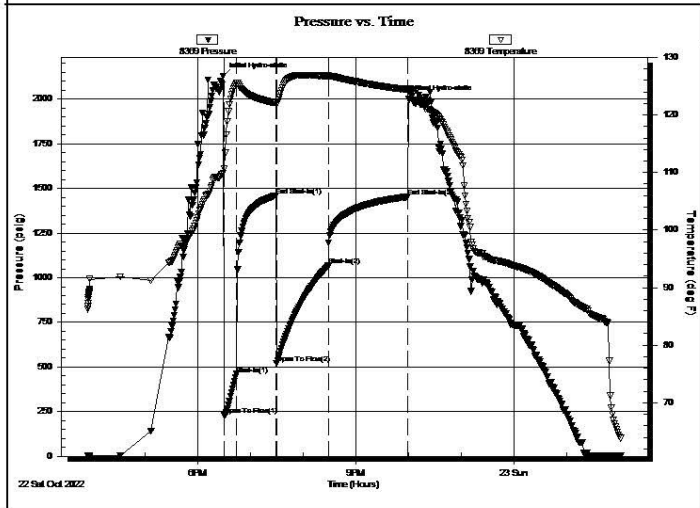
GENERAL INFORMATION:

Formation: Lansing J	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 18:30:07	Unit No: 80
Time Test Ended: 02:02:37	
Interval: 4235.00 ft (KB) To 4293.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4293.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair
	KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 1066.25 psig @ 4247.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.10.22 End Date: 2022.10.23	Last Calib.: 1899.12.30
Start Time: 15:54:38 End Time: 02:02:37	Time On Btm: 2022.10.22 @ 18:28:57
	Time Off Btm: 2022.10.22 @ 22:00:07

TEST COMMENT: IF:Strong Building Blow built 106.60" (15)
 ISl:3.75" Blow Back. (45)
 FF:Strong Building Blow built 176.59" (60)
 FSl: 1.75" Blow Back. (90)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2128.89	109.90	Initial Hydro-static
2	232.28	110.58	Open To Flow (1)
16	459.93	125.53	Shut-In(1)
60	1459.20	122.08	End Shut-In(1)
61	519.61	121.85	Open To Flow (2)
120	1066.25	126.74	Shut-In(2)
211	1453.18	124.40	End Shut-In(2)
212	2002.33	124.52	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	2520' GIP	0.00
1188.00	W 100%W	16.24
126.00	GOSMCW 10%G 75%W 15%M	1.84
315.00	GV/SOMCW 15%G 5%O 65%W 15%M	4.61
315.00	GOMCW 10%G 10%O 40%W 40%M	4.61

* Recovery from multiple tests

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

	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69612 DST#: 6 Test Start: 2022.10.22 @ 15:54:37

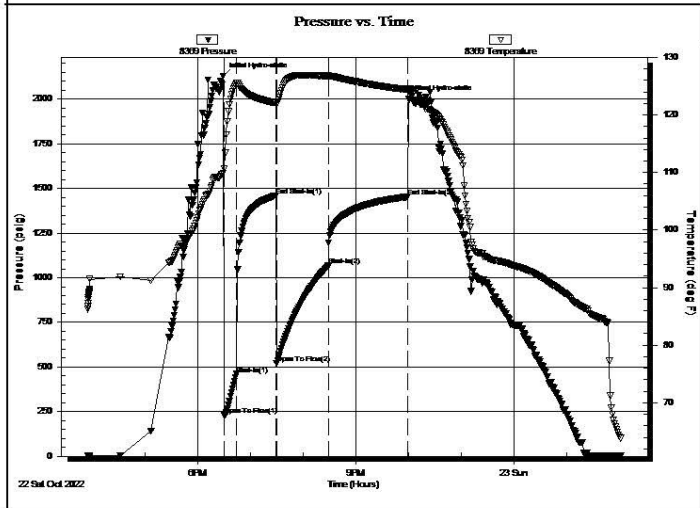
GENERAL INFORMATION:

Formation: Lansing J	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 18:30:07	Unit No: 80
Time Test Ended: 02:02:37	
Interval: 4235.00 ft (KB) To 4293.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4293.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair
	KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 1066.25 psig @ 4247.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.10.22 End Date: 2022.10.23	Last Calib.: 1899.12.30
Start Time: 15:54:38 End Time: 02:02:37	Time On Btm: 2022.10.22 @ 18:28:57
	Time Off Btm: 2022.10.22 @ 22:00:07

TEST COMMENT: IF:Strong Building Blow built 106.60" (15)
 ISl:3.75" Blow Back. (45)
 FF:Strong Building Blow built 176.59" (60)
 FSl: 1.75" Blow Back. (90)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2128.89	109.90	Initial Hydro-static
2	232.28	110.58	Open To Flow (1)
16	459.93	125.53	Shut-In(1)
60	1459.20	122.08	End Shut-In(1)
61	519.61	121.85	Open To Flow (2)
120	1066.25	126.74	Shut-In(2)
211	1453.18	124.40	End Shut-In(2)
212	2002.33	124.52	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	2520' GIP	0.00
1188.00	W 100%W	16.24
126.00	GOSMCW 10%G 75%W 15%M	1.84
315.00	GV/SOMCW 15%G 5%O 65%W 15%M	4.61
315.00	GOMCW 10%G 10%O 40%W 40%M	4.61

* Recovery from multiple tests

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

	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69613 DST#: 7 Test Start: 2022.10.23 @ 12:02:40

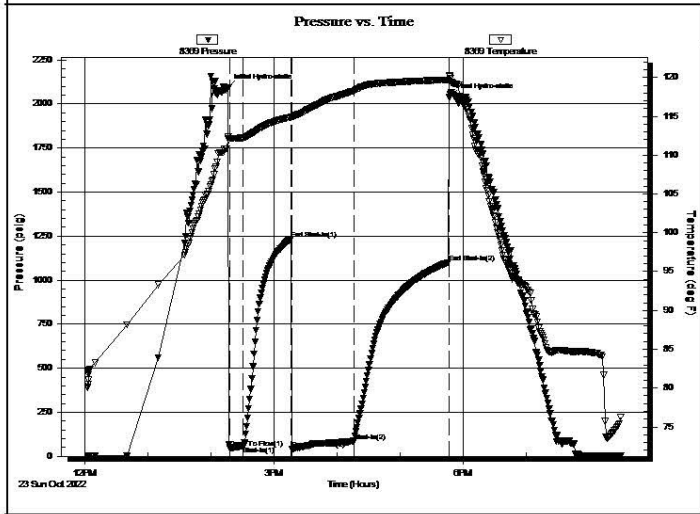
GENERAL INFORMATION:

Formation: Lansing K	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 14:18:00	Unit No: 80
Time Test Ended: 20:30:00	
Interval: 4320.00 ft (KB) To 4342.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4342.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Poor KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 84.04 psig @ 4321.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.10.23 End Date: 2022.10.23	Last Calib.: 1899.12.30
Start Time: 12:02:41 End Time: 20:30:00	Time On Btm: 2022.10.23 @ 14:16:20
	Time Off Btm: 2022.10.23 @ 17:47:10

TEST COMMENT: IF:Strong Building Blow built 75.16" (15)
 IS:No Blow Back. (45)
 FF:Strong Building Blow built 163.16" (60)
 FS:No Blow Back. (90)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2091.86	112.38	Initial Hydro-static
2	47.42	112.15	Open To Flow (1)
14	56.73	112.24	Shut-In(1)
60	1233.26	114.88	End Shut-In(1)
61	40.26	114.97	Open To Flow (2)
120	84.04	118.24	Shut-In(2)
210	1101.19	119.70	End Shut-In(2)
211	2038.24	120.09	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
58.50	OWCG 45%G 40%O 25%W3	0.29
58.50	OMVCG 50%G 25%O 15%W 10%M	0.29
63.00	GVSOCM 20%G 5%O 75%M	0.92
40.00	GOCM 10%G 10%O 80%M	0.58
0.00	1638' GIP	0.00

* Recovery from multiple tests

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

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69614 DST#: 8 Test Start: 2022.10.24 @ 12:31:45

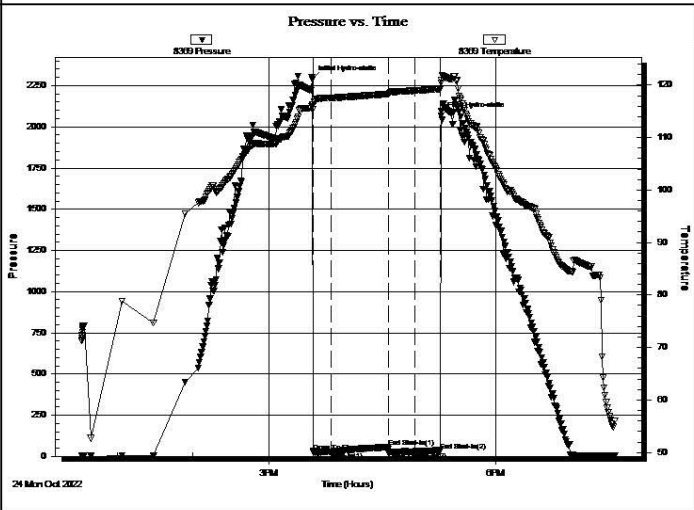
GENERAL INFORMATION:

Formation: Conglomerate	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 15:35:25	Unit No: 80
Time Test Ended: 19:34:15	Reference Elevations: 2033.00 ft (KB)
Interval: 4469.00 ft (KB) To 4490.00 ft (KB) (TVD)	2021.00 ft (CF)
Total Depth: 4490.00 ft (KB) (TVD)	KB to GR/CF: 12.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Fair

Serial #: 8369 Outside

Press@RunDepth: 29.12 psig @ 4470.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.10.24 End Date: 2022.10.24	Last Calib.: 1899.12.30
Start Time: 12:31:46 End Time: 19:34:15	Time On Btm: 2022.10.24 @ 15:34:35
	Time Off Btm: 2022.10.24 @ 17:16:35

TEST COMMENT: IF:Weak Building Blow built 2.25" in bucket. (15)
 IS:No Blow Back. (45)
 FF:Weak Blow built .41" but died. (20)
 FSI:No Blow Back. (20)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2286.78	116.18	Initial Hydro-static
1	26.30	116.30	Open To Flow (1)
16	27.81	117.57	Shut-In(1)
61	56.40	118.31	End Shut-In(1)
61	22.48	118.31	Open To Flow (2)
82	29.12	118.93	Shut-In(2)
102	36.02	119.28	End Shut-In(2)
102	2067.89	120.38	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	M 100%M	0.05

* Recovery from multiple tests

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

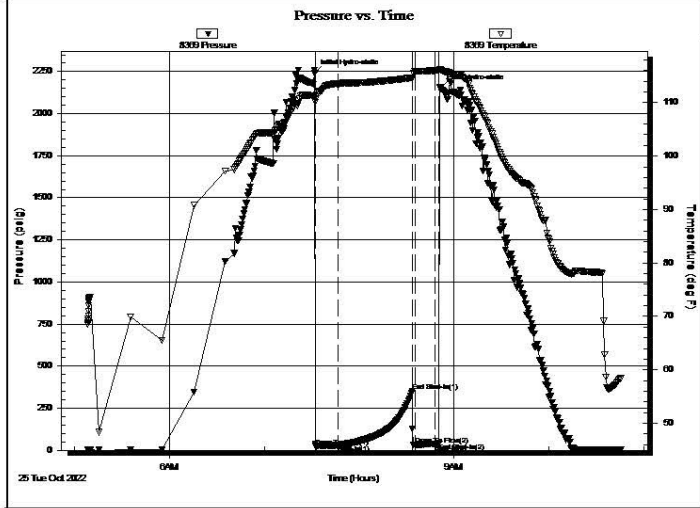
 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69615 DST#: 9 Test Start: 2022.10.25 @ 05:08:36

GENERAL INFORMATION:

Formation: Kinderhook	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 07:32:36	Unit No: 80
Time Test Ended: 10:45:36	
Interval: 4495.00 ft (KB) To 4415.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4515.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 8369	Outside				
Press@RunDepth: 37.88 psig @ 4496.00 ft (KB)	Capacity: 8000.00 psig				
Start Date: 2022.10.25	End Date: 2022.10.25	Last Calib.: 1899.12.30			
Start Time: 05:08:37	End Time: 10:45:36	Time On Btm: 2022.10.25 @ 07:31:56			
		Time Off Btm: 2022.10.25 @ 08:51:16			

TEST COMMENT: IF:Weak Building Blow built 1.00" in bucket. (15)
 IS:No Blow Back. (45)
 FF:No Blow Advanced to pull tool per Jeremy. (12)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2241.64	111.31	Initial Hydro-static
1	23.54	110.76	Open To Flow (1)
15	30.29	113.53	Shut-In(1)
62	349.34	114.68	End Shut-In(1)
64	30.70	115.82	Open To Flow (2)
76	37.88	116.01	Shut-In(2)
79	40.88	116.06	End Shut-In(2)
80	2149.13	116.15	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
20.00	M 100%M	0.10

* Recovery from multiple tests

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

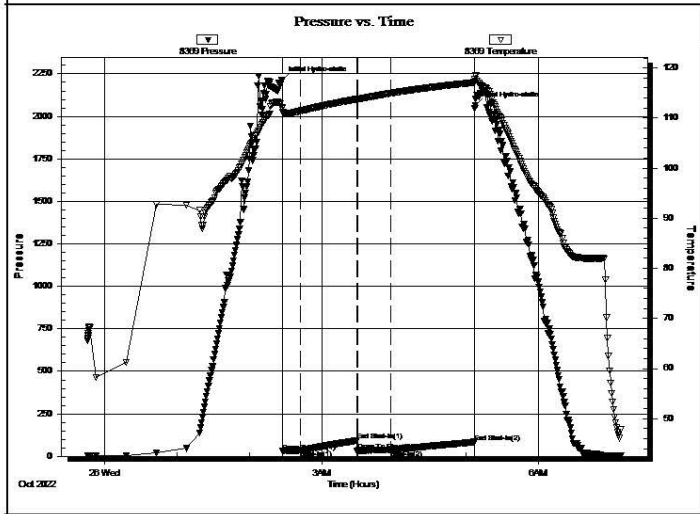
	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69616 DST#: 10 Test Start: 2022.10.25 @ 23:46:11

GENERAL INFORMATION:

Formation: Viola	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 02:27:51	Unit No: 80
Time Test Ended: 07:08:20	
Interval: 4520.00 ft (KB) To 4610.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4610.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair
	KB to GR/CF: 12.00 ft

Serial #: 8369	Outside				
Press@RunDepth: 38.92 psig @ 4527.00 ft (KB)	Capacity: 8000.00 psig				
Start Date: 2022.10.25	End Date: 2022.10.26	Last Calib.: 1899.12.30			
Start Time: 23:46:12	End Time: 07:08:21	Time On Btm: 2022.10.26 @ 02:27:31			
		Time Off Btm: 2022.10.26 @ 05:07:31			

TEST COMMENT: IF:Weak Building Blow built 1.25" in bucket. (15)
 IS:No Blow Back. (45)
 FF:Weak Building Blow built .50" in bucket. (30)
 FSI:No Blow Back. (60)



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2214.34	111.89	Initial Hydro-static
1	28.48	111.11	Open To Flow (1)
16	35.44	111.41	Shut-In(1)
62	92.47	113.77	End Shut-In(1)
63	30.94	113.77	Open To Flow (2)
91	38.92	114.97	Shut-In(2)
160	84.28	117.10	End Shut-In(2)
160	2064.43	118.56	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	M 100%M	0.05

* Recovery from multiple tests

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



Scale 1:240 Imperial

Well Name: LM Unit #1-33
 Surface Location: 184' FSL_1775' FWL, Sec. 33-T28s-R14w
 Bottom Location:
 API: 15-151-22555-00-00
 License Number: 31725
 Spud Date: 10/14/2022 Time: 11:00 AM
 Region: Pratt County
 Drilling Completed: 10/27/2022 Time: 5:30 AM
 Surface Coordinates:
 Bottom Hole Coordinates:
 Ground Elevation: 2021.00ft
 K.B. Elevation: 2033.00ft
 Logged Interval: 3200.00ft To: 4914.00ft
 Total Depth: 4914.00ft
 Formation:
 Drilling Fluid Type: Chemical/Fresh Water Gel

OPERATOR

Company: Shelby Resources, LLC
 Address: 3700 Quebec St. Unit 100 PMB 376
 Denver, CO 80207

Contact Geologist: Jeremy Schwartz
 Contact Phone Nbr: 203-671-6034
 Well Name: LM Unit #1-33
 Location: 184' FSL_1775' FWL, Sec. 33-T28s-R14w
 API: 15-151-22555-00-00
 Pool:
 State: Kansas Field: USA
 Country: USA

LOGGED BY



Company: Mile High Exploration, LLC
 Address: 14645 Sterling Road
 Colorado Springs, CO 80921

Phone Nbr: 203-671-6034
 Logged By: Geologist Name: Jeremy Schwartz

NOTES

The Shelby Resources, LLC L&M Unit #1-33 was drilled to a total depth of 4914', bottoming in the Arbuckle. An iBall Instruments Bloodhound gas detector was employed in the drilling of said well

10 DST's were conducted during the drilling of this well, 1 of which was a misrun due to a hole in the drill pipe.

Due to drill stem test results, sample shows, gas kicks, and log analysis it was determined by all parties involved to further test the well through production casing. The dry samples were saved and will be available for further review at the Kansas Geological Society Well Sample Library, located in Wichita, KS.

Respectfully Submitted,
 Jeremy Schwartz
 Geologist

CONTRACTOR

Contractor: Fossil Drilling
 Rig #: 3
 Rig Type: mud rotary
 Spud Date: 10/14/2022
 TD Date: 10/27/2022
 Rig Release:
 Time: 11:00 AM
 Time: 5:30 AM
 Time:

ELEVATIONS

K.B. Elevation: 2033.00ft
 K.B. to Ground: 12.00ft
 Ground Elevation: 2021.00ft

Formation	D&A														
	Flynn Oil Co.						Shelby Resources, LLC								
	Luther #1						Shriver Trust #1-32								
	L&M Unit #1-33				NW-NW-NW Sec. 4-T29s-R14w				NE-SW-SE-SE Sec. 32-T28s-R14w						
KB		2033		KB		2022		KB		2042					
LOG TOPS		SAMPLE TOPS		COMP. CARD		LOG		SMPL.		COMP. CARD		LOG		SMPL.	
DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.				
Anhydrite	869	1164	872	1161	875	1147	+ 17	+ 14	880	1162	+ 2	- 1			
Topeka	3472	-1439	3476	-1443	3465	-1443	+ 4	+ 0	3476	-1434	- 5	- 9			
Heebner	3842	-1809	3842	-1809	3830	-1808	- 1	- 1	3840	-1798	- 11	- 11			
Douglas	3883	-1850	3888	-1855	3875	-1853	+ 3	- 2	3880	-1838	- 12	- 17			
Brown Lime	4008	-1975	4012	-1979	3998	-1976	+ 1	- 3	4003	-1961	- 14	- 18			
Lansing	4024	-1991	4027	-1994	4018	-1996	+ 5	+ 2	4019	-1977	- 14	- 17			
Lansing B	4050	-2017	4058	-2025	4044	-2022	+ 5	- 3	4047	-2005	- 12	- 20			
Muncie Creek	4184	-2151	4188	-2155	4176	-2154	+ 3	- 1	4179	-2137	- 14	- 18			
Lansing H	4187	-2154	4192	-2159	4184	-2162	+ 8	+ 3	4183	-2141	- 13	- 18			
Stark	4319	-2286	4324	-2291	4318	-2296	+ 10	+ 5	4310	-2268	- 18	- 23			
BKC	4394	-2361	4398	-2365	4390	-2368	+ 7	+ 3	4388	-2346	- 15	- 19			
Marmaton	4409	-2376	4410	-2377	4406	-2384	+ 8	+ 7	4403	-2361	- 15	- 16			
Viola	4514	-2481	4514	-2481	4523	-2501	+ 20	+ 20	4507	-2465	- 16	- 16			
Simpson Shale	4624	-2591	4623	-2590	4612	-2590	- 1	+ 0	4638	-2596	+ 5	+ 6			
Simpson Sand															
Arbuckle	4683	-2650	4684	-2651	4681	-2659	+ 9	+ 8	4695	-2653	+ 3	+ 2			
RTD	4914	-2881			4710	-2688	- 193		4775	-2733	- 148				
LTD			4915	-2882	4707	-2685		- 197	4774	-2732		- 150			

ROCK TYPES

Cht
 Dolprim
 shale, grn
 Carbon Sh
 Cht vari
 Lmst fw<7
 shale, gry
 shale, red
 Ss










ACCESSORIES


FOSSIL
 ^ Bioclastic or Fragmental
 F Fossils < 20%
 o Oolites
STRINGER
 Chert
 Dolomite
 Limestone
 Sandstone
 Siltstone
 Shale
 green shale
 red shale

TEXTURE
 C Chalky

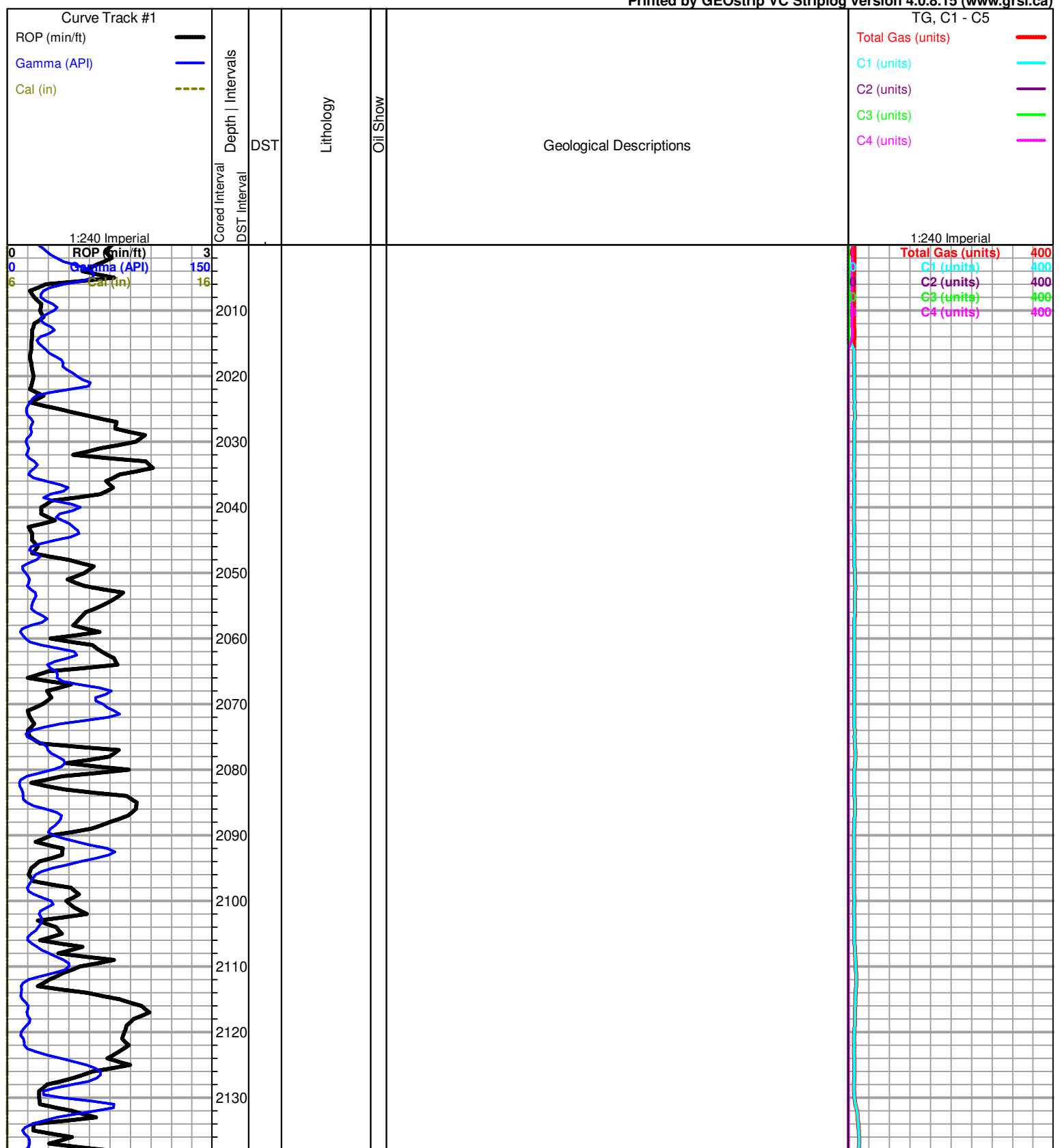
OTHER SYMBOLS

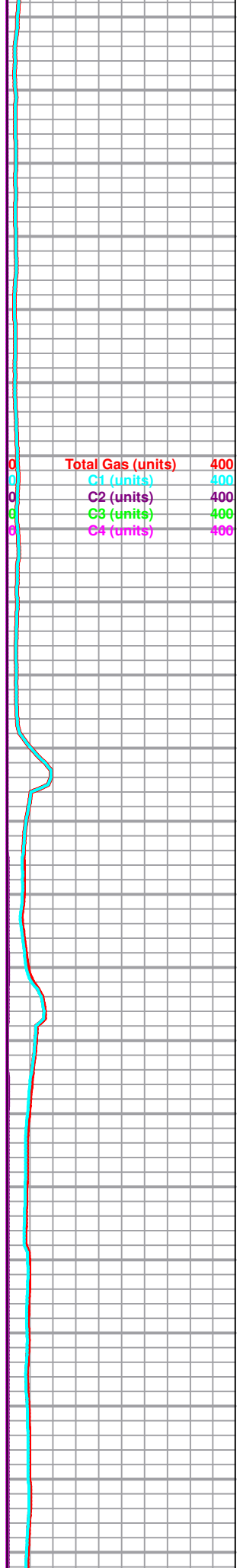
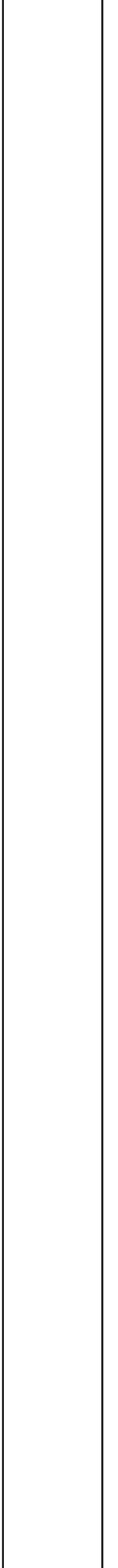
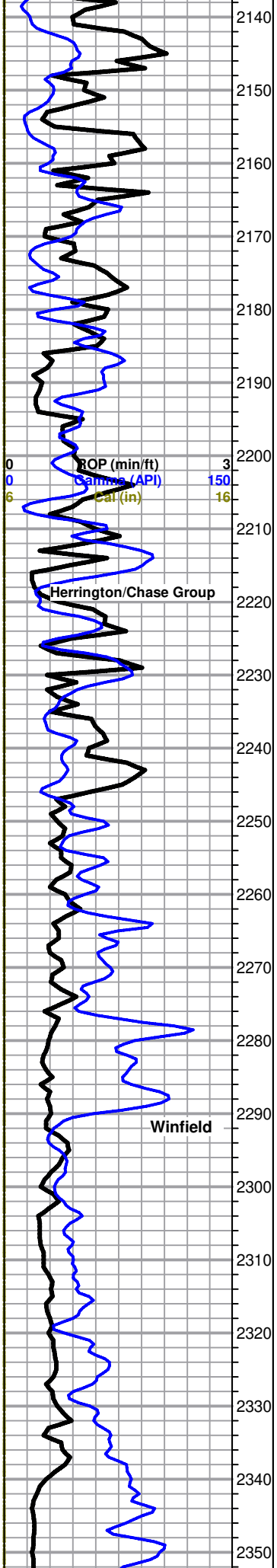
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 DR
DST
 DST Int

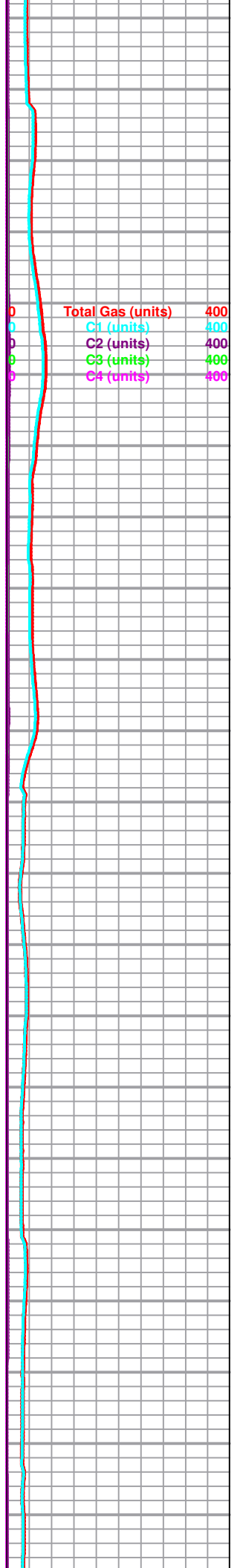
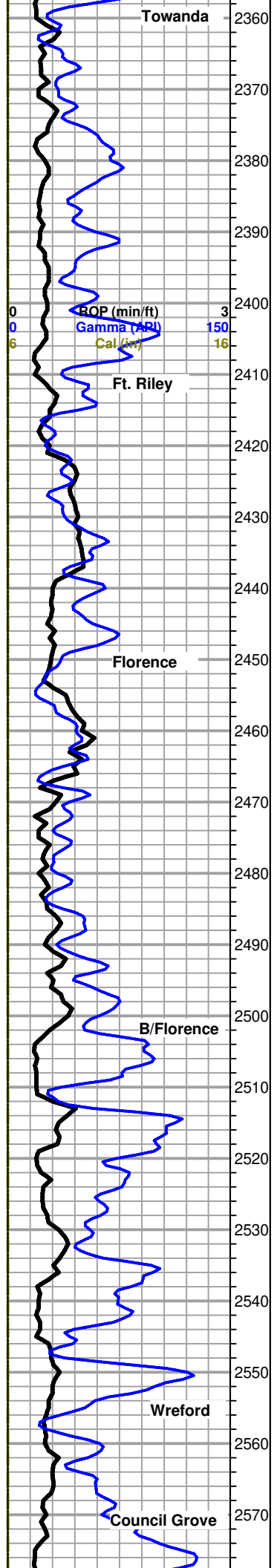
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-  Document
-  Folder
-  Link
-  Vertical Log File
-  Horizontal Log File
-  Core Log File
-  Drill Cuttings Rpt

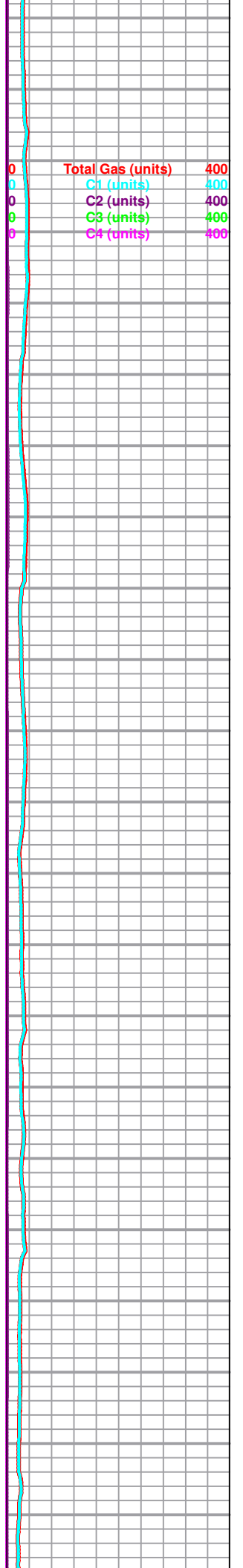
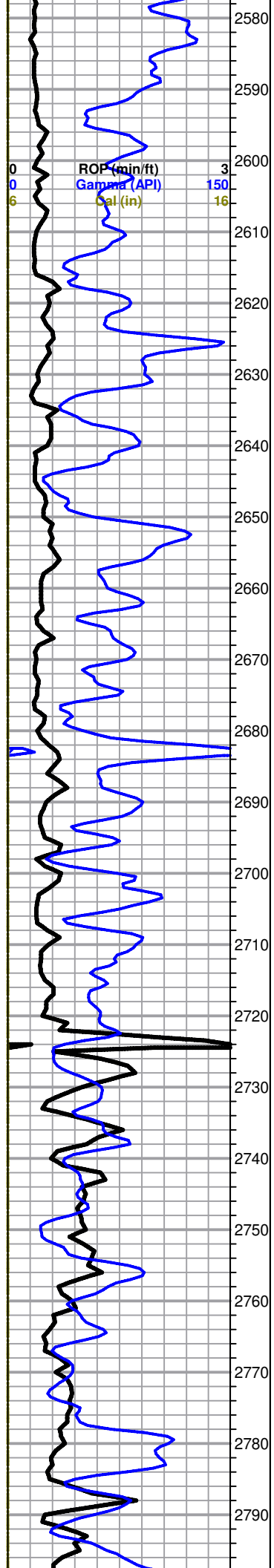
 DST alt

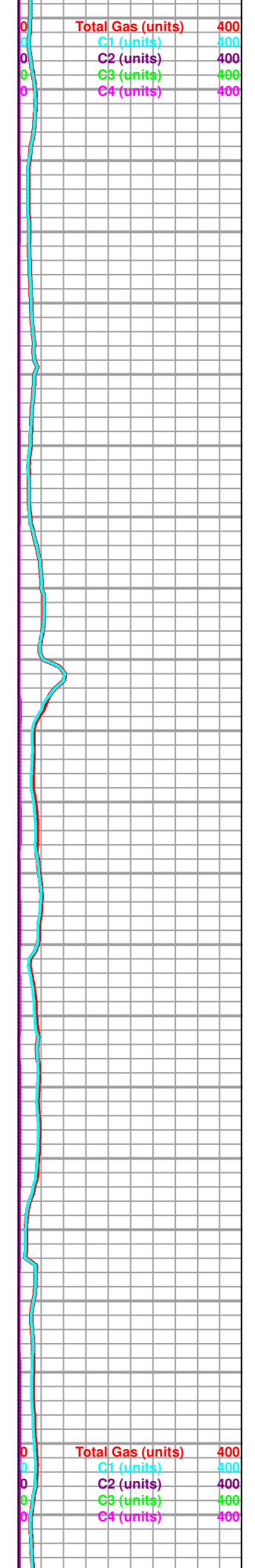
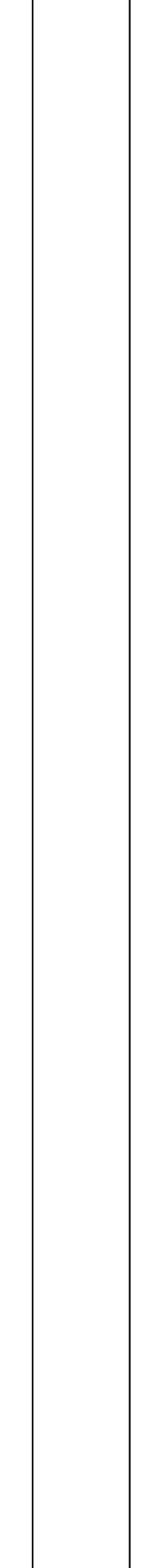
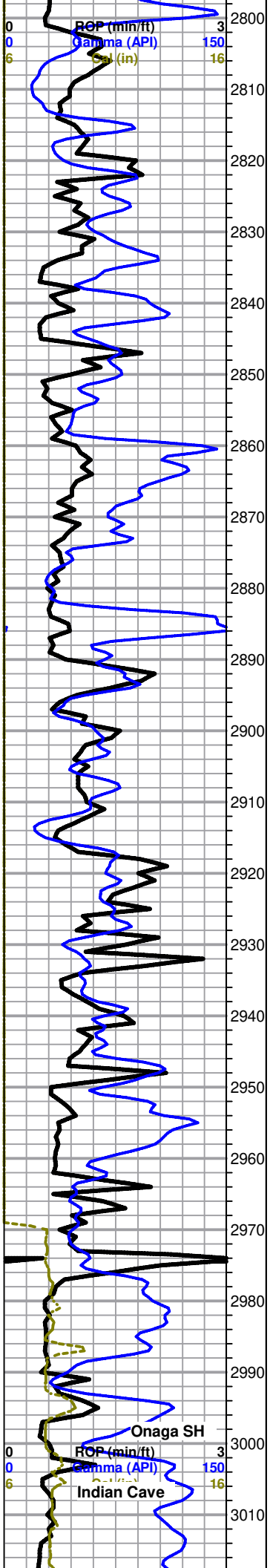
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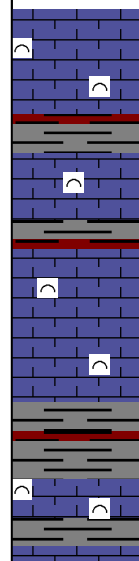
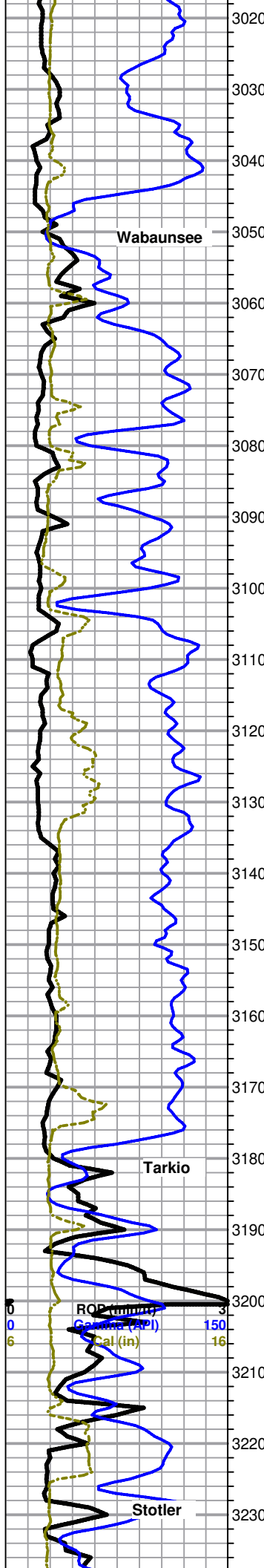












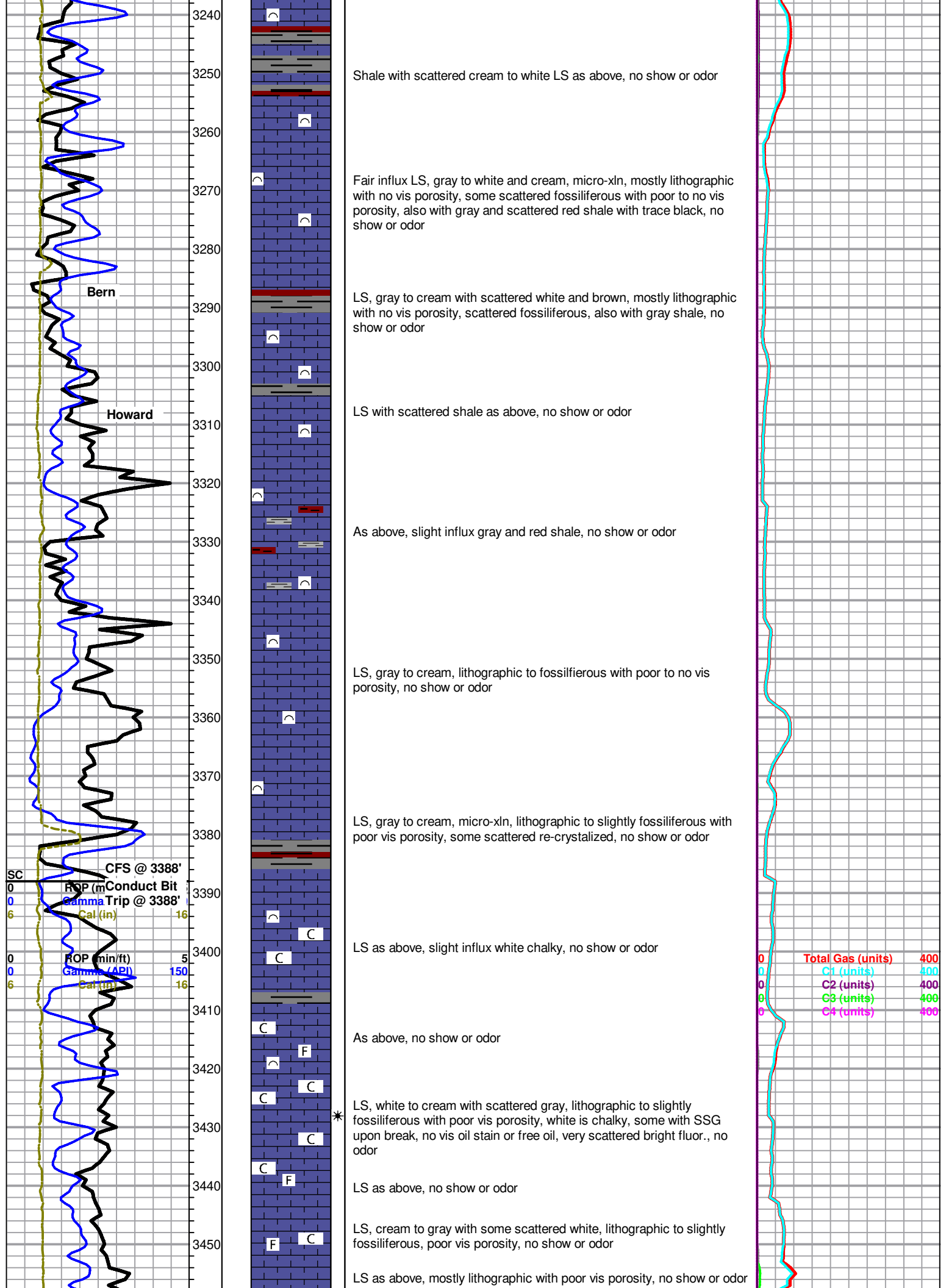
Logged By Jeremy Schwartz

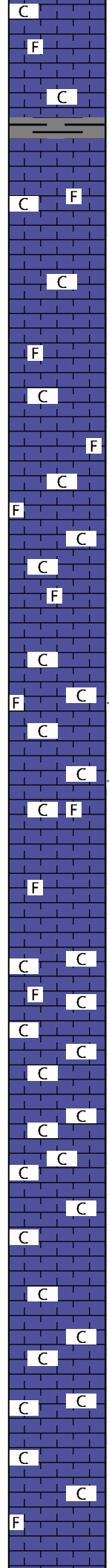
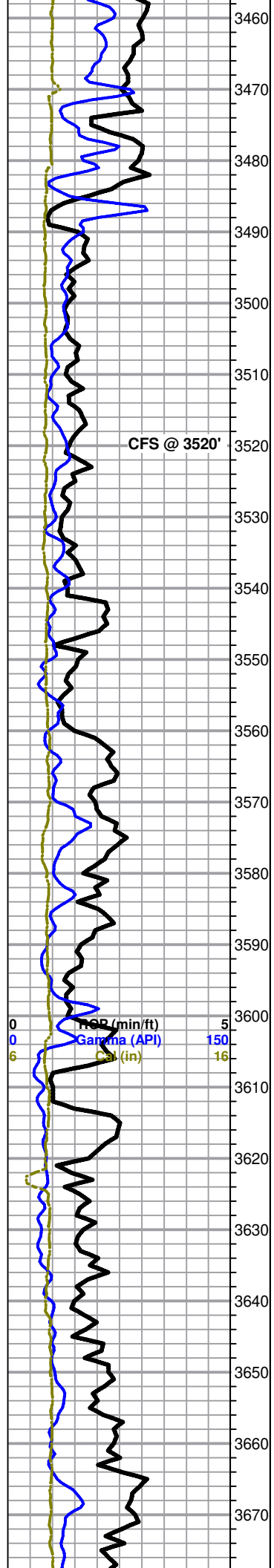
Mostly gray shale with some very scattered red, also with scattered LS, cream to white, micro-xln, lithographic and dense with no vis porosity to fossiliferous with mostly poor inter-fossil porosity, no show or odor

Shale with scattered LS as above, poor to no vis porosity, no show or odor

As above, slight influx white lithographic to fossiliferous LS as above, poor to no vis porosity, no show or odor

0	Total Gas (units)	400
0	C1 (units)	400
0	C2 (units)	400
0	C3 (units)	400
0	C4 (units)	400





LS, cream to gray with scattered white, micro-xln, mostly lithographic with poor vis porosity, some slightly fossiliferous, no show or odor

Topeka 3476 (-1443)

LS as above, with fair influx gray lithographic, dense with no vis porosity, slightly chalky sample, no show or odor

LS, cream to gray, micro-xln, mostly lithographic with scattered slightly fossiliferous, most dense with no vis porosity, few very scattered rocks with a large vug or two, overall poor vis porosity, no show or odor

LS as above, overall poor vis porosity, no show or odor

LS, cream to gray with some scattered white, , micro-xln, mostly lithographic with poor vis porosity, very scattered rocks with a scattered small vug or two, white is chalky, no show or odor

CFS @ 3520'

3520' 30 & 60" LS, mostly cream to white with some scattered gray, micro-xln, lithographic with poor vis porosity, very scattered slightly fossiliferous, some scattered rocks with few small vugs to very slightly poor vuggy porosity, no show, fluor., or odor

LS, cream with some scattered gray and white, micro-xln, lithographic with some very scattered slightly fossiliferous, some chalky, with some scattered poor to fair vuggy porosity, no shows, fluor., or odor

LS as above, no show or odor

LS, cream to gray with scattered white, micro-xln, mostly lithographic and dense with poor vis porosity, some chalky, some very scattered slightly vuggy porosity, no show, fluor., or odor

LS as above, few very scattered gas bubbles in tray, fairly chalky sample, no vis oil shows or fluor., no odor

LS, mostly cream to white, micro-xln, lithographic with some very scattered slightly fossiliferous, some chalky, some scattered rocks with slightly vuggy porosity, few scattered gas bubbles in tray, fairly chalky sample, no vis oil shows or fluor., no odor

LS, cream to white with some gray, micro-xln, mostly lithographic and dense with poor vis porosity, very scattered slightly fossiliferous, few scattered rocks with few scattered small vugs, overall poor porosity, fairly chalky, no show or odor

LS as above, fairly chalky, no show or odor

LS, cream to white, micro-xln, mostly lithographic to chalky, some very scattered very slightly vuggy porosity, no show or odor

LS as above, no show or odor

LS as above, chalky, no show or odor

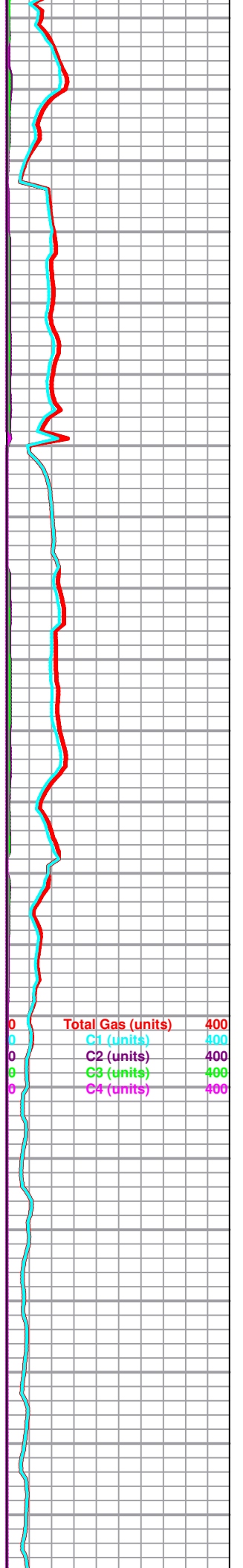
LS, cream to white, micro-xln, lithographic to chalky with poor vis porosity, chalky sample, no show or odor

LS, cream to white and very chalky as above, no show or odor

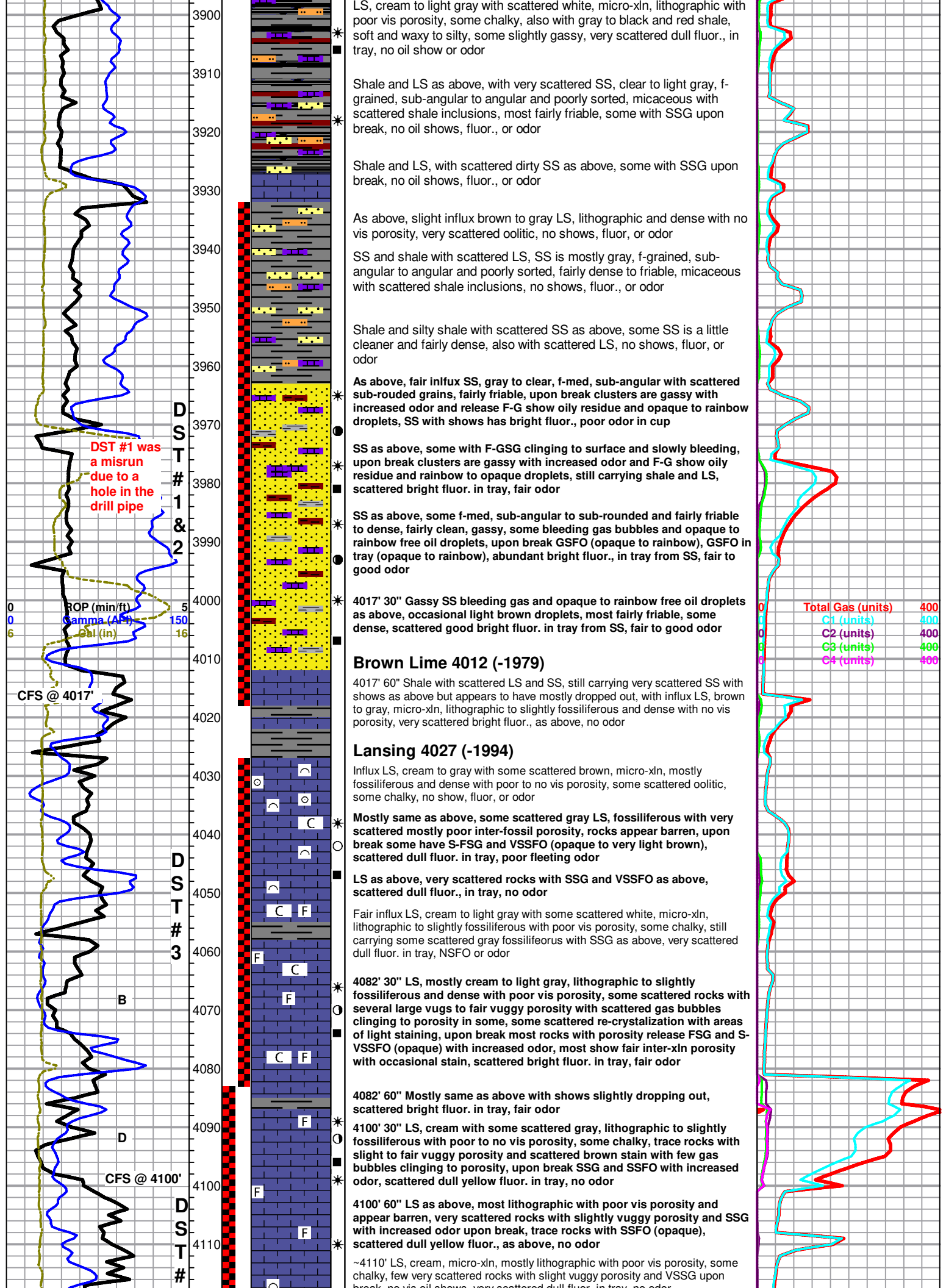
LS, cream to white, micro-xln, lithographic to chalky, some scattered slightly vuggy porosity, fairly chalky sample, no show or odor

LS as above, fairly chalky, no show or odor

As above, with slight influx LS, light gray to gray lithographic to slightly fossiliferous with no vis porosity, no show or odor



Total Gas (units)	400
C1 (units)	400
C2 (units)	400
C3 (units)	400
C4 (units)	400



DST #1 was a misrun due to a hole in the drill pipe

LS, cream to light gray with scattered white, micro-xln, lithographic with poor vis porosity, some chalky, also with gray to black and red shale, soft and waxy to silty, some slightly gassy, very scattered dull fluor., in tray, no oil show or odor

Shale and LS as above, with very scattered SS, clear to light gray, f-grained, sub-angular to angular and poorly sorted, micaceous with scattered shale inclusions, most fairly friable, some with SSG upon break, no oil shows, fluor., or odor

Shale and LS, with scattered dirty SS as above, some with SSG upon break, no oil shows, fluor., or odor

As above, slight influx brown to gray LS, lithographic and dense with no vis porosity, very scattered oolitic, no shows, fluor., or odor

SS and shale with scattered LS, SS is mostly gray, f-grained, sub-angular to angular and poorly sorted, fairly dense to friable, micaceous with scattered shale inclusions, no shows, fluor., or odor

Shale and silty shale with scattered SS as above, some SS is a little cleaner and fairly dense, also with scattered LS, no shows, fluor., or odor

As above, fair influx SS, gray to clear, f-med, sub-angular with scattered sub-rounded grains, fairly friable, upon break clusters are gassy with increased odor and release F-G show oily residue and opaque to rainbow droplets, SS with shows has bright fluor., poor odor in cup

SS as above, some with F-GSG clinging to surface and slowly bleeding, upon break clusters are gassy with increased odor and F-G show oily residue and rainbow to opaque droplets, still carrying shale and LS, scattered bright fluor. in tray, fair odor

SS as above, some f-med, sub-angular to sub-rounded and fairly friable to dense, fairly clean, gassy, some bleeding gas bubbles and opaque to rainbow free oil droplets, upon break GSFO (opaque to rainbow), GSFO in tray (opaque to rainbow), abundant bright fluor., in tray from SS, fair to good odor

4017' 30" Gassy SS bleeding gas and opaque to rainbow free oil droplets as above, occasional light brown droplets, most fairly friable, some dense, scattered good bright fluor. in tray from SS, fair to good odor

Brown Lime 4012 (-1979)

4017' 60" Shale with scattered LS and SS, still carrying very scattered SS with shows as above but appears to have mostly dropped out, with influx LS, brown to gray, micro-xln, lithographic to slightly fossiliferous and dense with no vis porosity, very scattered bright fluor., as above, no odor

Lansing 4027 (-1994)

Influx LS, cream to gray with some scattered brown, micro-xln, mostly fossiliferous and dense with poor to no vis porosity, some scattered oolitic, some chalky, no show, fluor., or odor

Mostly same as above, some scattered gray LS, fossiliferous with very scattered mostly poor inter-fossil porosity, rocks appear barren, upon break some have S-FSG and VSSFO (opaque to very light brown), scattered dull fluor. in tray, poor fleeting odor

LS as above, very scattered rocks with SSG and VSSFO as above, scattered dull fluor., in tray, no odor

Fair influx LS, cream to light gray with some scattered white, micro-xln, lithographic to slightly fossiliferous with poor vis porosity, some chalky, still carrying some scattered gray fossiliferous with SSG as above, very scattered dull fluor. in tray, NSFO or odor

4082' 30" LS, mostly cream to light gray, lithographic to slightly fossiliferous and dense with poor vis porosity, some scattered rocks with several large vugs to fair vuggy porosity with scattered gas bubbles clinging to porosity in some, some scattered re-crystallization with areas of light staining, upon break most rocks with porosity release FSG and S-VSSFO (opaque) with increased odor, most show fair inter-xln porosity with occasional stain, scattered bright fluor. in tray, fair odor

4082' 60" Mostly same as above with shows slightly dropping out, scattered bright fluor. in tray, fair odor

4100' 30" LS, cream with some scattered gray, lithographic to slightly fossiliferous with poor to no vis porosity, some chalky, trace rocks with slight to fair vuggy porosity and scattered brown stain with few gas bubbles clinging to porosity, upon break SSG and SSFO with increased odor, scattered dull yellow fluor. in tray, no odor

4100' 60" LS as above, most lithographic with poor vis porosity and appear barren, very scattered rocks with slightly vuggy porosity and SSG with increased odor upon break, trace rocks with SSFO (opaque), scattered dull yellow fluor., as above, no odor

~4110' LS, cream, micro-xln, mostly lithographic with poor vis porosity, some chalky, few very scattered rocks with slight vuggy porosity and VSSG upon break, no vis oil show, very scattered dull fluor. in tray, no odor

Total Gas (units)	400
C1 (units)	400
C2 (units)	400
C3 (units)	400
C4 (units)	400

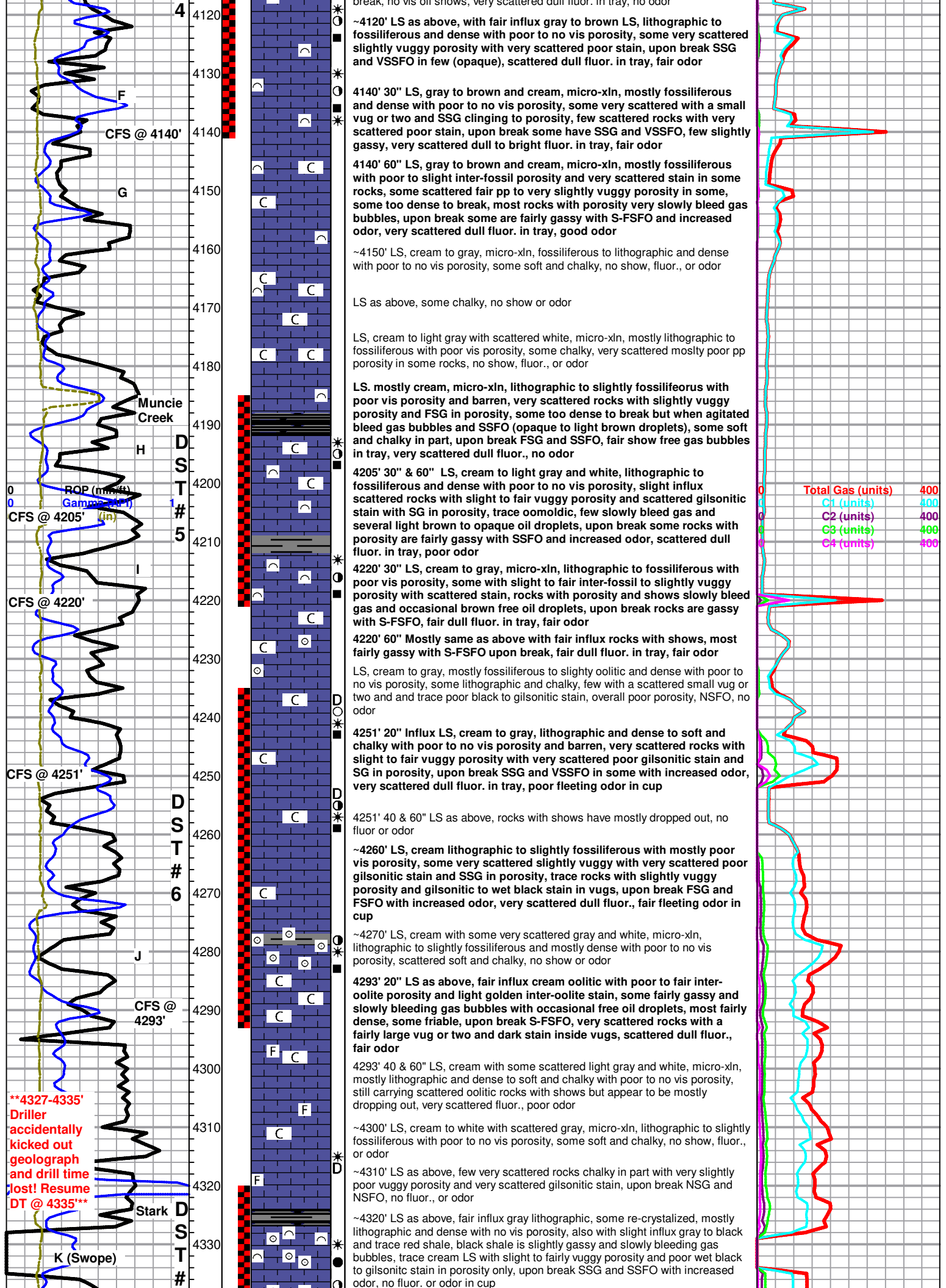
ROP (min/ft) 5
Gamma (API) 150
Cal (in) 16

CFS @ 4017'

DST #1 & 2

DST #3

DST #



~4120' LS as above, with fair influx gray to brown LS, lithographic to fossiliferous and dense with poor to no vis porosity, some very scattered slightly vuggy porosity with very scattered poor stain, upon break SSG and VSSFO in few (opaque), scattered dull fluor. in tray, fair odor

4140' 30" LS, gray to brown and cream, micro-xln, mostly fossiliferous and dense with poor to no vis porosity, some very scattered with a small vug or two and SSG clinging to porosity, few scattered rocks with very scattered poor stain, upon break some have SSG and VSSFO, few slightly gassy, very scattered dull to bright fluor. in tray, fair odor

4140' 60" LS, gray to brown and cream, micro-xln, mostly fossiliferous with poor to slight inter-fossil porosity and very scattered stain in some rocks, some scattered fair pp to very slightly vuggy porosity in some, some too dense to break, most rocks with porosity very slowly bleed gas bubbles, upon break some are fairly gassy with S-FSFO and increased odor, very scattered dull fluor. in tray, good odor

~4150' LS, cream to gray, micro-xln, fossiliferous to lithographic and dense with poor to no vis porosity, some soft and chalky, no show, fluor., or odor

LS as above, some chalky, no show or odor

LS, cream to light gray with scattered white, micro-xln, mostly lithographic to fossiliferous with poor vis porosity, some chalky, very scattered mostly poor pp porosity in some rocks, no show, fluor., or odor

LS, mostly cream, micro-xln, lithographic to slightly fossiliferous with poor vis porosity and barren, very scattered rocks with slightly vuggy porosity and FSG in porosity, some too dense to break but when agitated bleed gas bubbles and SSFO (opaque to light brown droplets), some soft and chalky in part, upon break FSG and SSFO, fair show free gas bubbles in tray, very scattered dull fluor., no odor

4205' 30" & 60" LS, cream to light gray and white, lithographic to fossiliferous and dense with poor to no vis porosity, slight influx scattered rocks with slight to fair vuggy porosity and scattered gilsonitic stain with SG in porosity, trace oomoldic, few slowly bleed gas and several light brown to opaque oil droplets, upon break some rocks with porosity are fairly gassy with SSFO and increased odor, scattered dull fluor. in tray, poor odor

4220' 30" LS, cream to gray, micro-xln, lithographic to fossiliferous with poor vis porosity, some with slight to fair inter-fossil to slightly vuggy porosity with scattered stain, rocks with porosity and shows slowly bleed gas and occasional brown free oil droplets, upon break rocks are gassy with S-FSFO, fair dull fluor. in tray, fair odor

4220' 60" Mostly same as above with fair influx rocks with shows, most fairly gassy with S-FSFO upon break, fair dull fluor. in tray, fair odor

LS, cream to gray, mostly fossiliferous to slightly oolitic and dense with poor to no vis porosity, some lithographic and chalky, few with a scattered small vug or two and and trace poor black to gilsonitic stain, overall poor porosity, NSFO, no odor

4251' 20" Influx LS, cream to gray, lithographic and dense to soft and chalky with poor to no vis porosity and barren, very scattered rocks with slight to fair vuggy porosity with very scattered poor gilsonitic stain and SG in porosity, upon break SSG and VSSFO in some with increased odor, very scattered dull fluor. in tray, poor fleeting odor in cup

4251' 40 & 60" LS as above, rocks with shows have mostly dropped out, no fluor or odor

~4260' LS, cream lithographic to slightly fossiliferous with mostly poor vis porosity, some very scattered slightly vuggy with very scattered poor gilsonitic stain and SSG in porosity, trace rocks with slightly vuggy porosity and gilsonitic to wet black stain in vugs, upon break FSG and FSFO with increased odor, very scattered dull fluor., fair fleeting odor in cup

~4270' LS, cream with some very scattered gray and white, micro-xln, lithographic to slightly fossiliferous and mostly dense with poor to no vis porosity, scattered soft and chalky, no show or odor

4293' 20" LS as above, fair influx cream oolitic with poor to fair inter-oolite porosity and light golden inter-oolite stain, some fairly gassy and slowly bleeding gas bubbles with occasional free oil droplets, most fairly dense, some friable, upon break S-FSFO, very scattered rocks with a fairly large vug or two and dark stain inside vugs, scattered dull fluor., fair odor

4293' 40 & 60" LS, cream with some scattered light gray and white, micro-xln, mostly lithographic and dense to soft and chalky with poor to no vis porosity, still carrying scattered oolitic rocks with shows but appear to be mostly dropping out, very scattered fluor., poor odor

~4300' LS, cream to white with scattered gray, micro-xln, lithographic to slightly fossiliferous with poor to no vis porosity, some soft and chalky, no show, fluor., or odor

~4310' LS as above, few very scattered rocks chalky in part with very slightly poor vuggy porosity and very scattered gilsonitic stain, upon break NSG and NSFO, no fluor., or odor

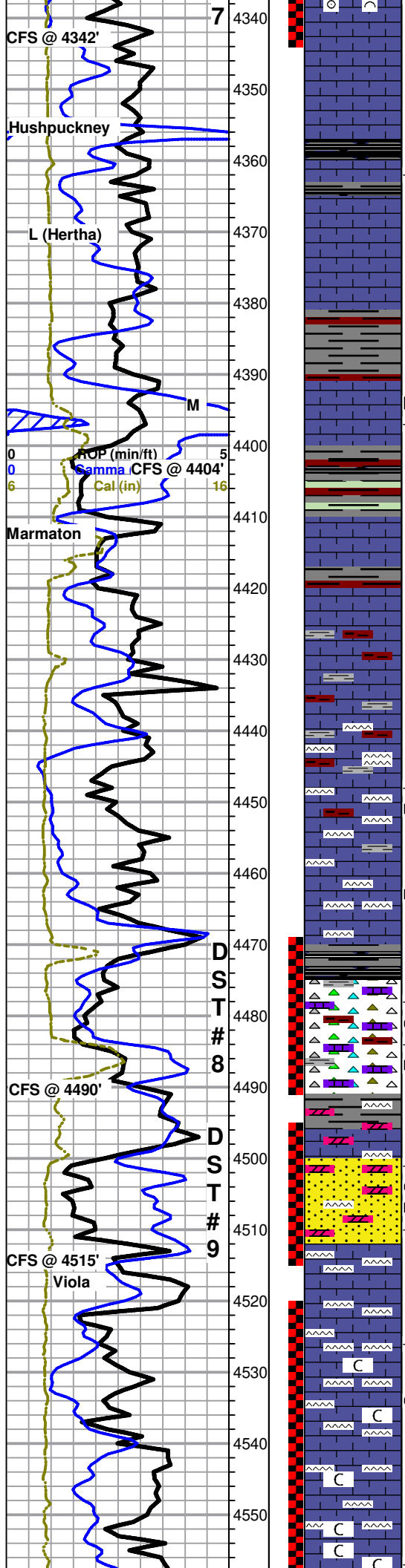
~4320' LS as above, fair influx gray lithographic, some re-crystallized, mostly lithographic and dense with no vis porosity, also with slight influx gray to black and trace red shale, black shale is slightly gassy and slowly bleeding gas bubbles, trace cream LS with slight to fairly vuggy porosity and poor wet black to gilsonitic stain in porosity only, upon break SSG and SSFO with increased odor, no fluor. or odor in cup

Total Gas (units)	400
C1 (units)	400
C2 (units)	400
C3 (units)	400
C4 (units)	400

****4327-4335'**
Driller
accidentally
kicked out
geologist
and drill time
lost! Resume
DT @ 4335**

Stark

K (Swope)



4342' 20" LS as above, fair influx oolitic to fossiliferous with fair to good inter-oolite to inter-fossil porosity with some scattered vugs and saturated brown stain, some scattered rocks with scattered flaky gilsonitic stain, rocks with shows bleeds gas, fairly dense to fairly friable, upon break strong odor with F-GSG and S-SFSO, very scattered dull fluor., in tray, fair odor

4342' 40" LS, cream to light gray, lithographic to fossiliferous and mostly dense with poor to no vis porosity and barren of shows, very scattered rocks with shows as above but appear to have mostly dropped out, some scattered fossiliferous very dense with few scattered small vugs and light brown stain in and around porosity, too dense to break, also with fair influx gray and trace red shale, no fluor., or odor

4342' 60" Barren LS with scattered shale as above, no shows or odor

~4350' Influx LS, cream to gray with scattered brown and white, micro-xln, lithographic and dense to soft and chalky with poor to no vis porosity or shows, very scattered gas bubbles in tray, very scattered poor fluor., no odor

~4360' LS as above, with fair influx gray to brown lithographic and dense with no vis porosity, trace rocks with a very small vug or two and VSSG in porosity, upon break VSSG and NSFO with no vis inter-xln porosity, very scattered poor dull fluor. in tray, also with slight influx very scattered gray to black shale, no odor

~4370'-4400' LS, mostly cream to gray, micro-xln, lithographic and mostly dense with no vis porosity or shows, few scattered large calcite crystals in tray, no fluor., or odor

BKC 4398 (-2365)

4404' 60" LS as above, with fair influx gray to green and red with scattered black shale, found two rocks LS, cream, dense with scattered very poor slightly vuggy porosity and light brown to gilsonitic stain, upon break SSG and NSFO, no fluor., or odor in cup

~4415' Shale as above, with influx LS, cream to light gray with some scattered brown, lithographic and dense with no vis porosity, no show or odor

~4425 LS, cream to gray, micro-xln, lithographic and dense with no vis porosity, no show, fluor., or odor

As above, with fair influx gray and red shale, no show or odor

LS with shale as above, with slight influx light gray chert, no show, fluor., or odor

As above, with fair influx vari-colored translucent, gray, brown, and scattered white cherts, mostly fresh and sharp with some scattered weathered, most dense with no vis porosity or shows, some scattered weathered is slightly gassy, upon break S-FSG and NSFO, fairly even dull yellow fluor., in tray, poor fleeting odor

Chert with scattered LS as above, with fair influx gray to black blocky shale, dense and waxy, scattered dull fluor., in tray, no vis oil shows, no odor

4490' 20" Influx white chert with mostly poor tripolitic to slightly vuggy porosity and scattered to saturated brown to black stain, most gassy and bleeding gas, some with few scattered fairly large vugs to fair vuggy porosity, upon break some with S-FSFO, SSFO in tray, scattered fluor., poor odor

4490' 40" As above, chert with shows appears to be slightly dropping out, influx cream to translucent and white chert, fresh and sharp, barren with no vis porosity or shows, scattered fluor. as above, poor fleeting odor

4490' 60" Chert with LS and scattered shale, most barren of shows, still carrying very scattered shows in chert as above, scattered fluor., no odor

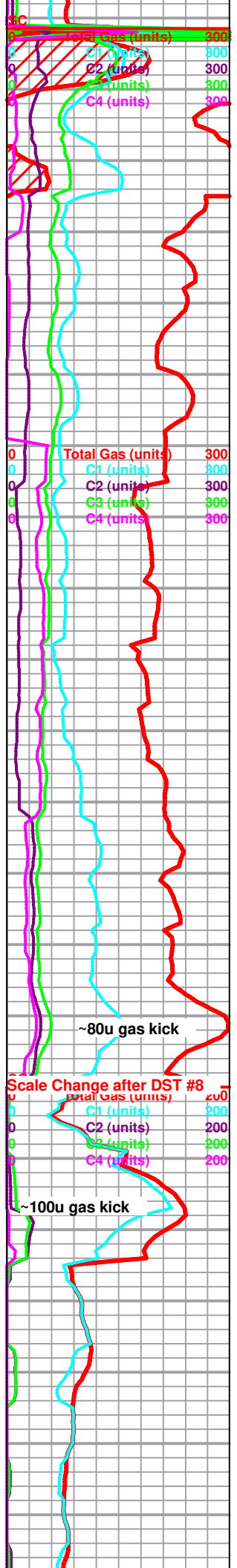
Mostly gray with very scattered red shale, waxy to blocky and dense, with scattered cream to white LS and brown dolomite, dol. is sucrosic and dense with no vis porosity, also with scattered vari-colored chert, with slight influx SS, brown, f-grained, sub-angular to sub-rounded and most fairly friable, some dolomitic and very dense, very gassy and bleeding gas with occasional very light free oil droplets to oily film, upon break some have FS oily film to very light droplets that fluoresce under black light, no odor

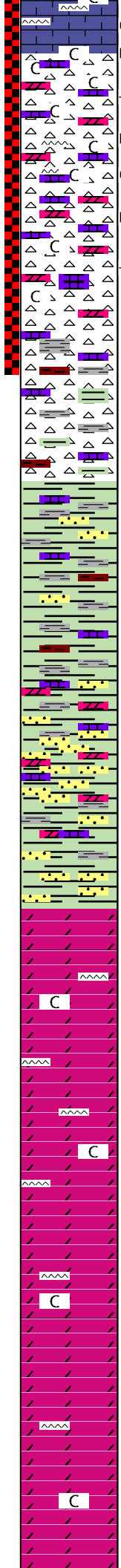
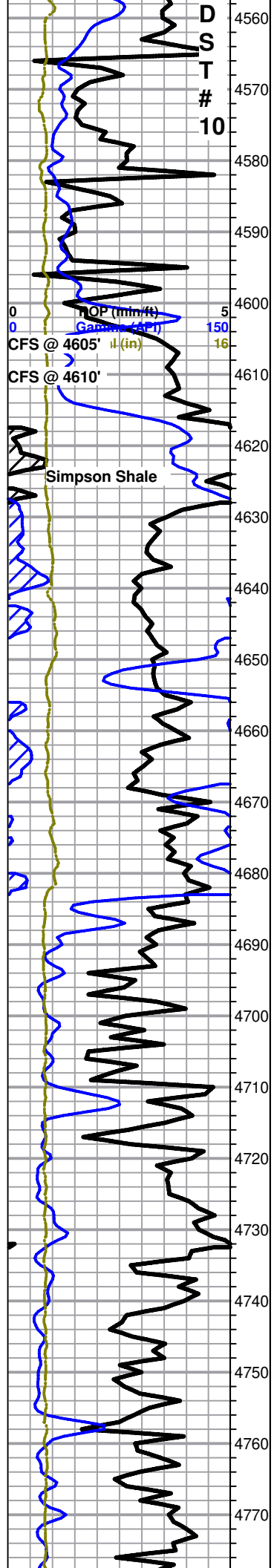
4515' 30 & 60" Mostly SS as above, gassy, most appears to be dolomitic and dense, slowly bleeding gas and oily film, some is cleaner SS and very friable, upon break some with SSFO (very light droplets with fluorescence), also with very scattered white chert, fairly vuggy with scattered black stain and slowly bleeding gas and oil, fairly even fluor., in tray, fair odor in cup

~4520' Mostly shale with scattered LS and very scattered SS, no shows, with fair influx white to translucent chert, most fresh and sharp with no vis porosity or shows, NSFO, no fluor. or odor

~4530' Mostly LS and chert, LS is cream to white dense lithographic to soft and chalky with no shows, chert is mostly as above with no porosity or shows, slight influx weathered with few very scattered small vugs and very scattered poor stain, some slightly gassy, few rocks fairly gassy and slowly bleeding gas and occasional very light free oil droplets, upon break rocks release FS very light free oil droplets with good fluor. very scattered gassy rocks have scattered bright fluor., no other fluor. in tray, poor fleeting odor

~4540' - ~4550' LS and chert with no porosity or shows as above, trace chert





Chalky LS and chert as above, fairly chalky, no fluor., or odor

Chalky LS and chert as above, slight increase weathered chert with poor to no vis porosity and scattered stain, slightly gassy, few scattered rocks gassy with a large vug or two to slightly vuggy porosity and scattered stain, slowly bleeding gas and occasional brown oil droplets, most too dense to break but when agitated release FSFO (brown droplets), with trace dolomite to dol. chert, white to light brown and fairly gassy, friable to very dense, few with FSFO upon break (very light brown to opaque), scattered bright fluor. in tray, poor odor

Mostly white to translucent chert with cream to white chalky LS and dolomite, most dense and barren with poor to no vis porosity, some scattered chert to dol. chert with slight gas show and poor to no porosity, upon break rocks are gassy, with scattered brown dolomite to cherty dol., dense to friable and fairly gassy with scattered dark stain and F-GSFO (opaque with fluor.) upon break, fair bright fluor. in tray, poor odor

4605' 30" Mostly white chert, fresh and sharp with no vis porosity or shows, some weathered and dense with a scattered small vug or two and scattered stain, slightly gassy, most with NSFO upon break, gassy dolomite and dol. chert appears to have mostly dropped out, SSFO (very light brown to opaque droplets with fluor.) in tray, scattered bright fluor., no odor

4610' 60" Mostly same as above, with fair influx gray to green and scattered black and red waxy and dense shale, scattered bright fluor., no odor

LS, chert, and shale, LS is mostly cream dense lithographic to soft chalky with no shows or porosity, chert is white and dense with no vis porosity, shale is mostly gray with scattered green and red, some sandy, also with very scattered SS, white to light gray and clear, f-med, sub-angular to sub-rounded and mostly dense, scattered fairly friable, some slightly shaly to chalky, no show or odor

Mostly gray to green shale to sandy shale with scattered LS, chert, and SS as above, no shows or odor

Green waxy shale, very scattered sandy, with very scattered SS as above, no show or odor

Green shale with scattered LS and SS, with very slight influx dolomite, cream to tan and white, sub-rhombic and poorly developed with no vis porosity, few scattered rocks with scattered dead black gilsonitic stain, one rock with SSG and VSSFO upon break, no odor

Mostly green shale with scattered LS and trace cream dolomite as above, with influx gray SS to dolomitic SS, f-med, most sub-angular with some scattered large rounded grains, some with scattered shale inclusions, some pyritic, most dense to fairly dense, no show or odor

Arbuckle 4684 (-2651)

As above, with slight influx dolomite, cream, mostly sucrosic and very dense with no vis porosity or shows, few rocks also very dense with some scattered small poor vugs, also with slight influx SS, clear, med-coarse, sub-rounded to rounded and clean, fairly friable, no shows or odor

Dolomite, cream to brown, mostly sucrosic and dense with no vis porosity, some scattered sub-rhombic with poor to fair development and less dense, no shows or odor

Dolomite as above, fair influx brown, mostly sucrosic and very dense with some scattered sub-rhombic and less dense, few very scattered rocks cream to brown with a few scattered small poor vugs, upon break few with VSSG, trace oolitic, also with trace brown to translucent oolitic chert, overall poor to no porosity, no vis. oil stain and NSFO, fair sulphur odor

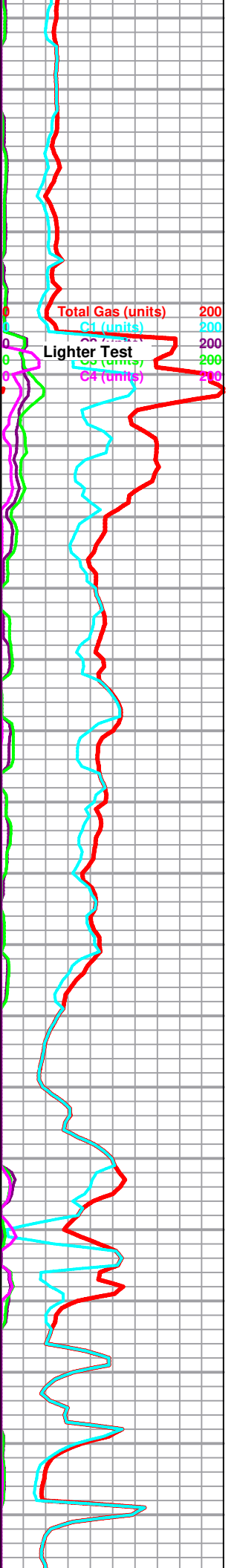
Dolomite as above, brown to cream sucrosic to sub-rhombic and mostly dense with no vis porosity, very scattered rocks oolitic to sub-oomoldic and very slightly vuggy, mostly dense with poor oomold and vuggy porosity, few with VSSG upon break, trace white chert with scattered gilsonitic stain, NSFO, fair sulphur odor

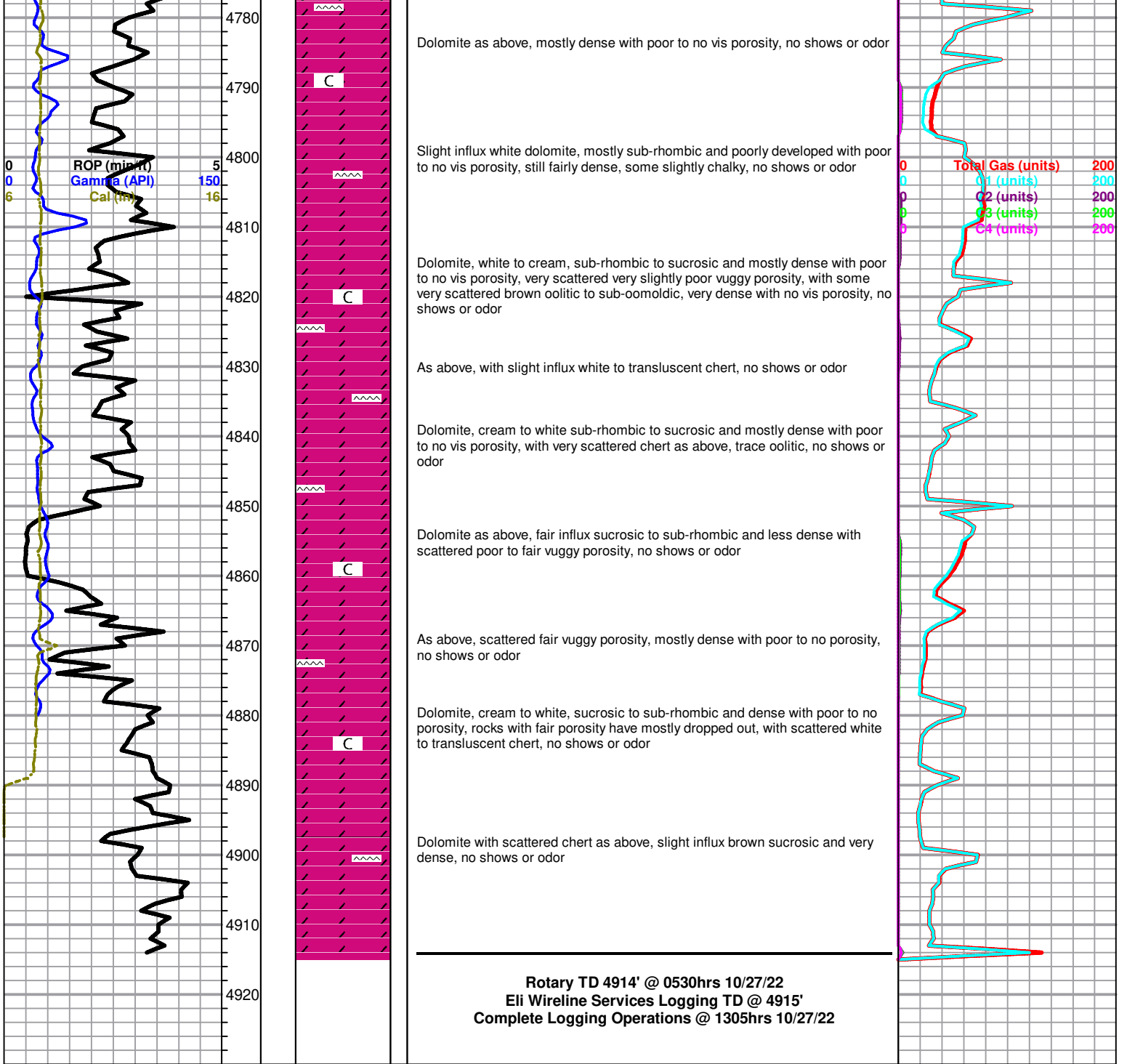
Dolomite, cream with scattered brown, sucrosic to sub-rhombic and dense with poor to no vis porosity, no shows or odor

Dolomite as above, very scattered very poor slightly vuggy porosity, sub-rhombic to slightly vuggy is less dense, overall rocks are mostly dense with poor to no vis porosity, no shows or odor

As above, slight influx white dolomite, sub-rhombic and mostly dense with no vis porosity, no shows or odor

Dolomite, cream to white with some very scattered brown, sucrosic with scattered sub-rhombic and mostly dense with no vis porosity, very scattered rocks dense with very slightly vuggy porosity, no shows or odor





Dolomite as above, mostly dense with poor to no vis porosity, no shows or odor

C

Slight influx white dolomite, mostly sub-rhombic and poorly developed with poor to no vis porosity, still fairly dense, some slightly chalky, no shows or odor

C

Dolomite, white to cream, sub-rhombic to sucrosic and mostly dense with poor to no vis porosity, very scattered very slightly poor vuggy porosity, with some very scattered brown oolitic to sub-oolimoldic, very dense with no vis porosity, no shows or odor

C

As above, with slight influx white to translucent chert, no shows or odor

C

Dolomite, cream to white sub-rhombic to sucrosic and mostly dense with poor to no vis porosity, with very scattered chert as above, trace oolitic, no shows or odor

C

Dolomite as above, fair influx sucrosic to sub-rhombic and less dense with scattered poor to fair vuggy porosity, no shows or odor

C

As above, scattered fair vuggy porosity, mostly dense with poor to no porosity, no shows or odor


C

Dolomite, cream to white, sucrosic to sub-rhombic and dense with poor to no porosity, rocks with fair porosity have mostly dropped out, with scattered white to translucent chert, no shows or odor

C

Dolomite with scattered chert as above, slight influx brown sucrosic and very dense, no shows or odor

C

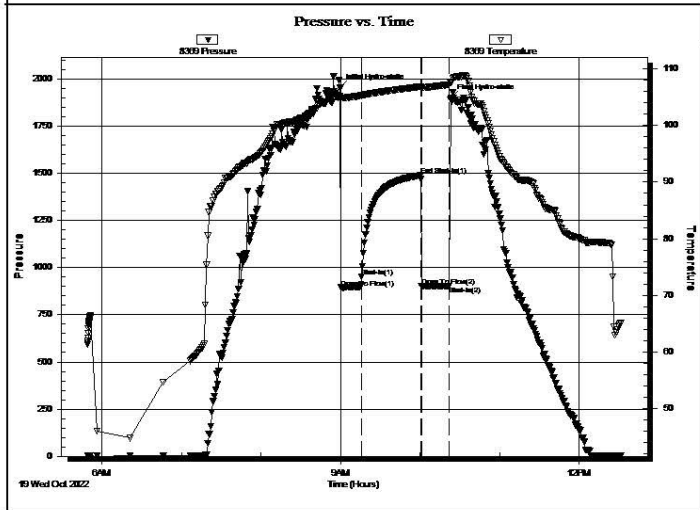
 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69607 DST#: 1 Test Start: 2022.10.19 @ 05:49:08

GENERAL INFORMATION:

Formation: Douglas	Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 09:00:08	Unit No: 80
Time Test Ended: 12:31:47	
Interval: 3932.00 ft (KB) To 4017.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4017.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair	KB to GR/CF: 12.00 ft

Serial #: 8369	Outside				
Press@RunDepth: 951.26 psig @ 3933.00 ft (KB)	Capacity: 8000.00 psig				
Start Date: 2022.10.19	End Date: 2022.10.19	Last Calib.: 1899.12.30			
Start Time: 05:49:09	End Time: 12:31:48	Time On Btm: 2022.10.19 @ 08:59:28			
		Time Off Btm: 2022.10.19 @ 10:23:08			


TEST COMMENT: IF:Weak Building Blow Built 1.00" (15)
 IS:No Blow Back (45)
 FF:Pulled tool to reset.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1954.36	105.10	Initial Hydro-static
1	893.64	104.87	Open To Flow (1)
17	951.26	105.28	Shut-In(1)
61	1488.80	106.86	End Shut-In(1)
62	900.71	106.69	Open To Flow (2)
83	902.70	107.20	Shut-In(2)
84	1898.88	107.57	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
1251.00	M 100%M	17.16

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

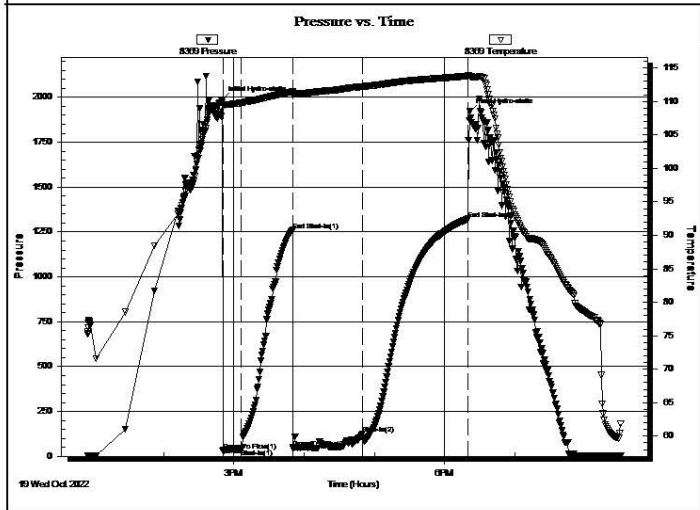
 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69608 DST#: 2 Test Start: 2022.10.19 @ 12:55:01

GENERAL INFORMATION:

Formation: Douglas	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 14:50:31	Unit No: 80
Time Test Ended: 20:30:40	
Interval: 3932.00 ft (KB) To 4017.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4017.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 8369	Outside				
Press@RunDepth: 127.25 psig @ 3933.00 ft (KB)	Capacity: 8000.00 psig				
Start Date: 2022.10.19	End Date: 2022.10.19	Last Calib.: 2022.10.19			
Start Time: 12:55:02	End Time: 20:30:41	Time On Btm: 2022.10.19 @ 14:49:31			
		Time Off Btm: 2022.10.19 @ 18:21:31			

TEST COMMENT: IF:Weak Building Blow built 1.50" in bucket. (15)
 IS:No Blow Back. (45)
 FF:Weak Building Blow built 1.50" in bucket. (60)
 FS:No Blow Back. (90)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1984.19	109.88	Initial Hydro-static
1	29.43	109.43	Open To Flow (1)
17	38.51	109.78	Shut-In(1)
61	1259.62	111.45	End Shut-In(1)
62	44.92	111.10	Open To Flow (2)
121	127.25	112.23	Shut-In(2)
211	1322.47	113.79	End Shut-In(2)
212	1920.78	113.74	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
65.00	M 100%M	0.32

* Recovery from multiple tests

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

 <p style="font-size: 2em; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC.</p>	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69609 DST#: 3 Test Start: 2022.10.20 @ 05:41:38

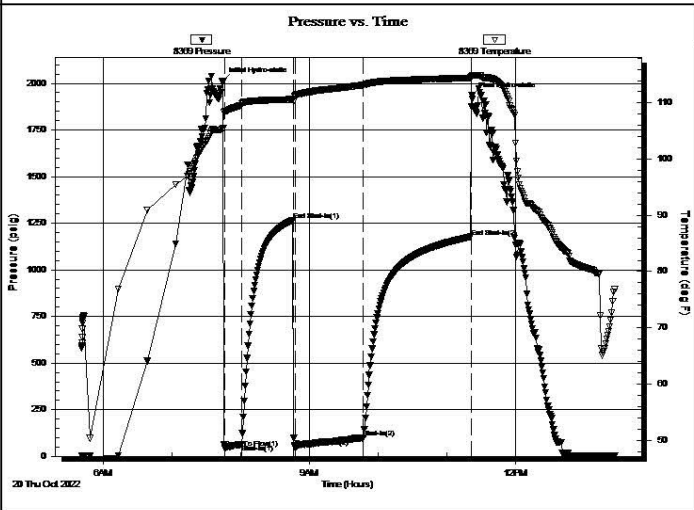
GENERAL INFORMATION:

Formation: Lansing A-B	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 07:46:38	Unit No: 80
Time Test Ended: 13:27:08	
Interval: 4027.00 ft (KB) To 4082.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4082.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair	KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 99.61 psig @ 4036.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.10.20 End Date: 2022.10.20	Last Calib.: 1899.12.30
Start Time: 05:41:39 End Time: 13:27:08	Time On Btm: 2022.10.20 @ 07:44:58
	Time Off Btm: 2022.10.20 @ 11:21:58

TEST COMMENT: IF:Strong Building Blow built 375.29" (15)
 IS:No Blow Back. (45)
 FF:Strong Building Blow built 689.94" (60)
 FS:No Blow Back. (90)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2013.45	105.45	Initial Hydro-static
2	45.01	108.50	Open To Flow (1)
16	64.16	109.56	Shut-In(1)
62	1266.45	110.65	End Shut-In(1)
63	47.55	111.27	Open To Flow (2)
123	99.61	113.20	Shut-In(2)
217	1177.12	114.48	End Shut-In(2)
217	1934.57	114.78	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
58.50	GVSOWCM 20%G 5%O 5%W 70%M	0.29
58.50	GVSOWCM 5%G 5%O 5%W 85%M	0.29
40.00	OSM 100%M	0.58

* Recovery from multiple tests

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	15.81	11.31
Last Gas Rate	0.13	23.13	14.05
Max. Gas Rate	0.13	23.13	14.05

 <p>TRILOBITE TESTING, INC.</p>	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69610 DST#: 4 Test Start: 2022.10.21 @ 00:46:39

GENERAL INFORMATION:

Formation: **Lansing D-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:03:29

Time Test Ended: 09:12:18

Test Type: Conventional Bottom Hole (Reset)

Tester: Eric Burgess

Unit No: 80

Interval: **4083.00 ft (KB) To 4140.00 ft (KB) (TVD)**

Reference Elevations: 2033.00 ft (KB)

Total Depth: 4140.00 ft (KB) (TVD) 2021.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 207.00 psig @ 4095.00 ft (KB) Capacity: 8000.00 psig

Start Date: 2022.10.21 End Date: 2022.10.21 Last Calib.: 2022.10.21

Start Time: 00:46:40 End Time: 09:12:19 Time On Btm: 2022.10.21 @ 03:02:09

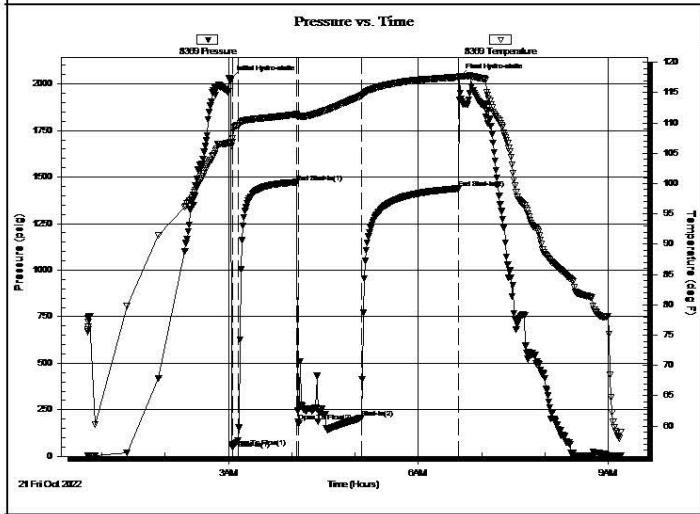
Time Off Btm: 2022.10.21 @ 06:38:59

TEST COMMENT: IF:Fair Building Blow built 9.61" (15)

IS:No Blow Back. (45)

FF:Strong Building Blow built 32.42" (60)

FSI:No Blow Back. (90)




Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2023.99	106.77	Initial Hydro-static
2	49.28	106.81	Open To Flow (1)
7	83.81	109.56	Shut-In(1)
63	1472.36	111.42	End Shut-In(1)
64	185.24	111.05	Open To Flow (2)
124	207.00	114.47	Shut-In(2)
216	1438.45	117.54	End Shut-In(2)
217	2036.05	117.73	Final Hydro-static

Length (ft)	Description	Volume (bbl)
58.50	WCM 50%M 50%W	0.29
121.50	MCW 80%W 20%M	1.21
63.00	GOSWCM 15%G 45%W 40%M	0.92
126.00	GOSWCM 5%G 20%W 75%M	1.84
0.00	495' GIP	0.00

* Recovery from multiple tests

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

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69611 DST#: 5 Test Start: 2022.10.21 @ 21:46:36

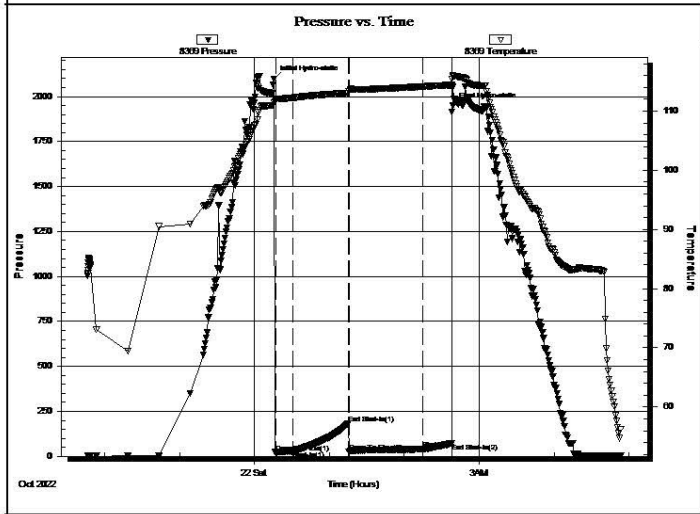
GENERAL INFORMATION:

Formation: Lansing H-I	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 00:16:56	Unit No: 80
Time Test Ended: 04:53:26	
Interval: 4185.00 ft (KB) To 4220.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 420.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair
	KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 40.12 psig @ 4186.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.10.21 End Date: 2022.10.22	Last Calib.: 1899.12.30
Start Time: 21:46:37 End Time: 04:53:26	Time On Btm: 2022.10.22 @ 00:15:56
	Time Off Btm: 2022.10.22 @ 02:38:46

TEST COMMENT: IF:Weak Building Blow built 2.50" in bucket. (15)
 IS:No Blow Back. (45)
 FF:Weak Building Blow built .50" in bucket. (60)
 FS:No Blow Back. (20)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.76	111.39	Initial Hydro-static
1	22.40	111.88	Open To Flow (1)
15	29.07	112.26	Shut-In(1)
60	184.36	113.05	End Shut-In(1)
60	25.99	113.36	Open To Flow (2)
120	40.12	114.15	Shut-In(2)
142	73.61	114.39	End Shut-In(2)
143	1947.28	115.88	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	M 100%M	0.05

* Recovery from multiple tests

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

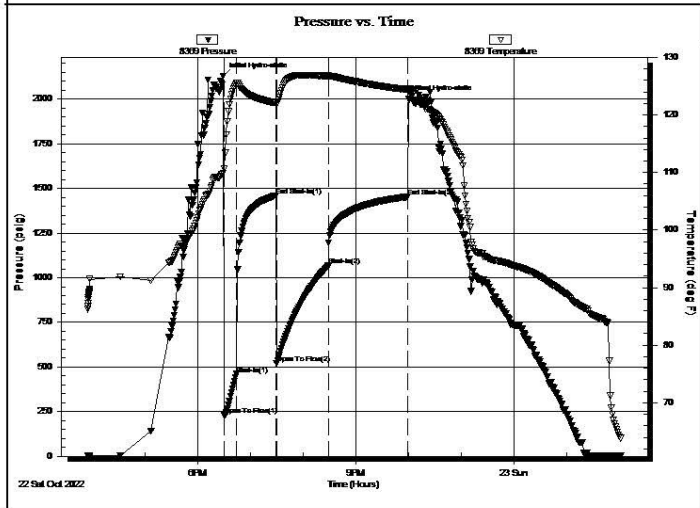
	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69612 DST#: 6 Test Start: 2022.10.22 @ 15:54:37

GENERAL INFORMATION:

Formation: Lansing J	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 18:30:07	Unit No: 80
Time Test Ended: 02:02:37	
Interval: 4235.00 ft (KB) To 4293.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4293.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 8369	Outside				
Press@RunDepth: 1066.25 psig @ 4247.00 ft (KB)	Capacity: 8000.00 psig				
Start Date: 2022.10.22	End Date: 2022.10.23	Last Calib.: 1899.12.30			
Start Time: 15:54:38	End Time: 02:02:37	Time On Btm: 2022.10.22 @ 18:28:57			
		Time Off Btm: 2022.10.22 @ 22:00:07			

TEST COMMENT: IF:Strong Building Blow built 106.60" (15)
 ISl:3.75" Blow Back. (45)
 FF:Strong Building Blow built 176.59" (60)
 FSl: 1.75" Blow Back. (90)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2128.89	109.90	Initial Hydro-static
2	232.28	110.58	Open To Flow (1)
16	459.93	125.53	Shut-In(1)
60	1459.20	122.08	End Shut-In(1)
61	519.61	121.85	Open To Flow (2)
120	1066.25	126.74	Shut-In(2)
211	1453.18	124.40	End Shut-In(2)
212	2002.33	124.52	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	2520' GIP	0.00
1188.00	W 100%W	16.24
126.00	GOSMCW 10%G 75%W 15%M	1.84
315.00	GV/SOMCW 15%G 5%O 65%W 15%M	4.61
315.00	GOMCW 10%G 10%O 40%W 40%M	4.61

* Recovery from multiple tests

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

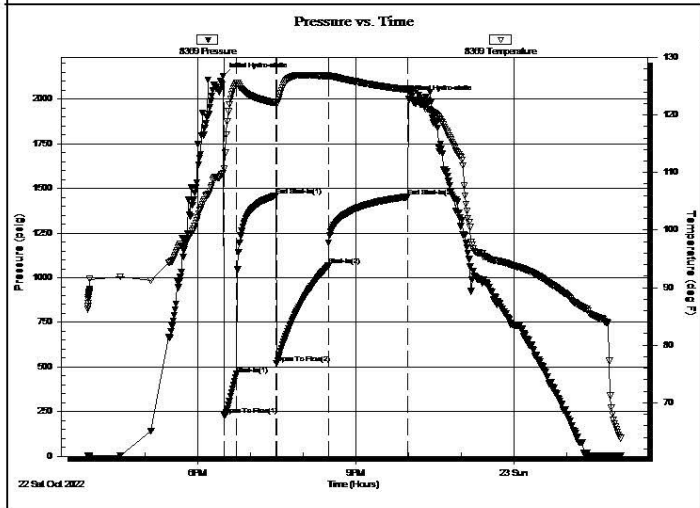
	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69612 DST#: 6 Test Start: 2022.10.22 @ 15:54:37

GENERAL INFORMATION:

Formation: Lansing J	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 18:30:07	Unit No: 80
Time Test Ended: 02:02:37	
Interval: 4235.00 ft (KB) To 4293.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4293.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 8369	Outside				
Press@RunDepth: 1066.25 psig @ 4247.00 ft (KB)	Capacity: 8000.00 psig				
Start Date: 2022.10.22	End Date: 2022.10.23	Last Calib.: 1899.12.30			
Start Time: 15:54:38	End Time: 02:02:37	Time On Btm: 2022.10.22 @ 18:28:57			
		Time Off Btm: 2022.10.22 @ 22:00:07			

TEST COMMENT: IF:Strong Building Blow built 106.60" (15)
 ISl:3.75" Blow Back. (45)
 FF:Strong Building Blow built 176.59" (60)
 FSl: 1.75" Blow Back. (90)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2128.89	109.90	Initial Hydro-static
2	232.28	110.58	Open To Flow (1)
16	459.93	125.53	Shut-In(1)
60	1459.20	122.08	End Shut-In(1)
61	519.61	121.85	Open To Flow (2)
120	1066.25	126.74	Shut-In(2)
211	1453.18	124.40	End Shut-In(2)
212	2002.33	124.52	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	2520' GIP	0.00
1188.00	W 100%W	16.24
126.00	GOSMCW 10%G 75%W 15%M	1.84
315.00	GV/SOMCW 15%G 5%O 65%W 15%M	4.61
315.00	GOMCW 10%G 10%O 40%W 40%M	4.61

* Recovery from multiple tests

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

	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69613 DST#: 7 Test Start: 2022.10.23 @ 12:02:40

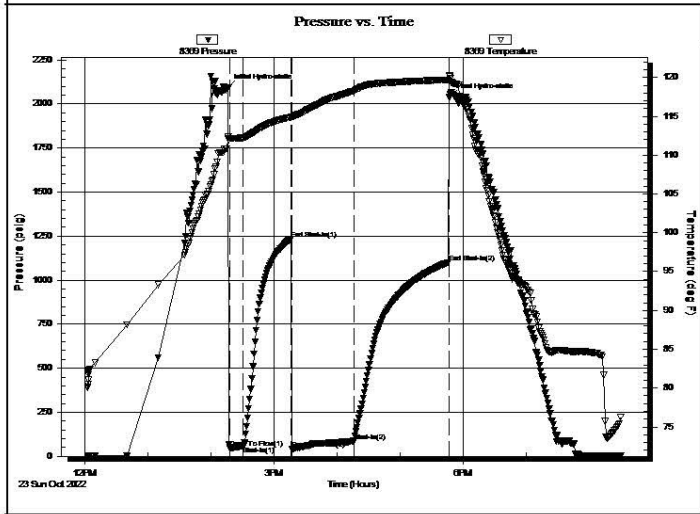
GENERAL INFORMATION:

Formation: Lansing K	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 14:18:00	Unit No: 80
Time Test Ended: 20:30:00	
Interval: 4320.00 ft (KB) To 4342.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4342.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Poor
	KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 84.04 psig @ 4321.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.10.23 End Date: 2022.10.23	Last Calib.: 1899.12.30
Start Time: 12:02:41 End Time: 20:30:00	Time On Btm: 2022.10.23 @ 14:16:20
	Time Off Btm: 2022.10.23 @ 17:47:10

TEST COMMENT: IF:Strong Building Blow built 75.16" (15)
 IS:No Blow Back. (45)
 FF:Strong Building Blow built 163.16" (60)
 FS:No Blow Back. (90)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2091.86	112.38	Initial Hydro-static
2	47.42	112.15	Open To Flow (1)
14	56.73	112.24	Shut-In(1)
60	1233.26	114.88	End Shut-In(1)
61	40.26	114.97	Open To Flow (2)
120	84.04	118.24	Shut-In(2)
210	1101.19	119.70	End Shut-In(2)
211	2038.24	120.09	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
58.50	OWCG 45%G 40%O 25%W3	0.29
58.50	OMVCG 50%G 25%O 15%W 10%M	0.29
63.00	GVSOCM 20%G 5%O 75%M	0.92
40.00	GOCM 10%G 10%O 80%M	0.58
0.00	1638' GIP	0.00

* Recovery from multiple tests

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

 <p style="font-size: 2em; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC.</p>	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69614 DST#: 8 Test Start: 2022.10.24 @ 12:31:45

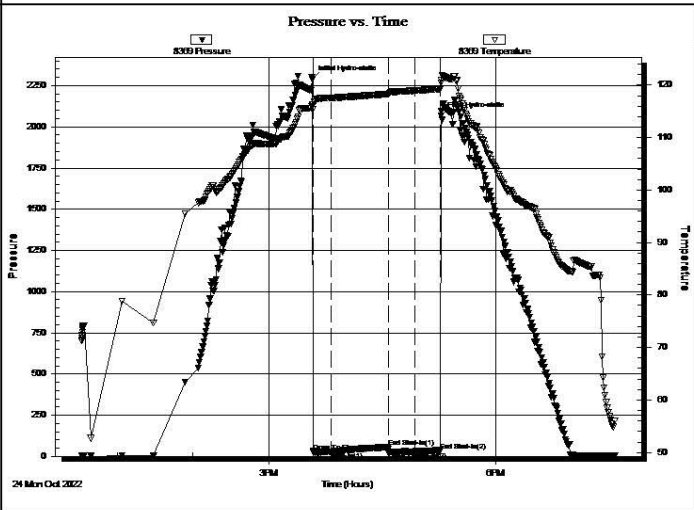
GENERAL INFORMATION:

Formation: Conglomerate	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 15:35:25	Unit No: 80
Time Test Ended: 19:34:15	
Interval: 4469.00 ft (KB) To 4490.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4490.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair	KB to GR/CF: 12.00 ft

Serial #: 8369 Outside

Press@RunDepth: 29.12 psig @ 4470.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2022.10.24 End Date: 2022.10.24	Last Calib.: 1899.12.30
Start Time: 12:31:46 End Time: 19:34:15	Time On Btm: 2022.10.24 @ 15:34:35
	Time Off Btm: 2022.10.24 @ 17:16:35

TEST COMMENT: IF:Weak Building Blow built 2.25" in bucket. (15)
 IS:No Blow Back. (45)
 FF:Weak Blow built .41" but died. (20)
 FSI:No Blow Back. (20)




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2286.78	116.18	Initial Hydro-static
1	26.30	116.30	Open To Flow (1)
16	27.81	117.57	Shut-In(1)
61	56.40	118.31	End Shut-In(1)
61	22.48	118.31	Open To Flow (2)
82	29.12	118.93	Shut-In(2)
102	36.02	119.28	End Shut-In(2)
102	2067.89	120.38	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	M 100%M	0.05

* Recovery from multiple tests

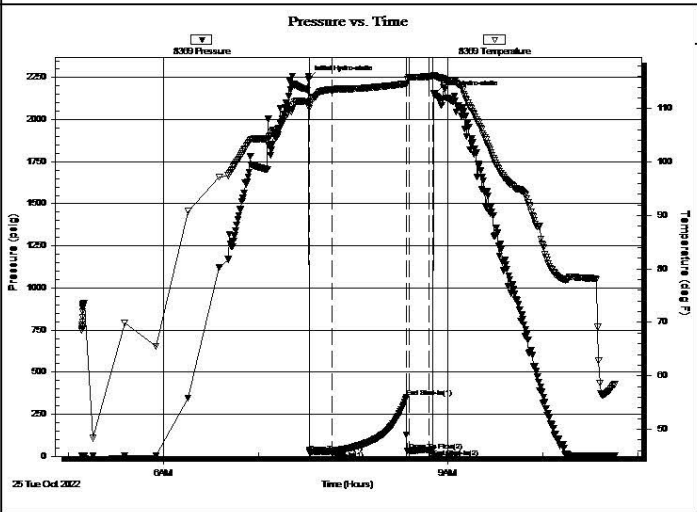
Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69615 DST#: 9 Test Start: 2022.10.25 @ 05:08:36

GENERAL INFORMATION:

Formation: Kinderhook Deviated: No Whipstock: ft (KB) Time Tool Opened: 07:32:36 Time Test Ended: 10:45:36	Test Type: Conventional Bottom Hole (Reset) Tester: Eric Burgess Unit No: 80
Interval: 4495.00 ft (KB) To 4415.00 ft (KB) (TVD) Total Depth: 4515.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Fair	Reference Elevations: 2033.00 ft (KB) 2021.00 ft (CF) KB to GR/CF: 12.00 ft

Serial #: 8369 Outside	Press@RunDepth: 37.88 psig @ 4496.00 ft (KB) Start Date: 2022.10.25 End Date: 2022.10.25 Start Time: 05:08:37 End Time: 10:45:36	Capacity: 8000.00 psig Last Calib.: 1899.12.30 Time On Btm: 2022.10.25 @ 07:31:56 Time Off Btm: 2022.10.25 @ 08:51:16
<p>TEST COMMENT: IF:Weak Building Blow built 1.00" in bucket. (15) IS:No Blow Back. (45) FF:No Blow Advanced to pull tool per Jeremy. (12)</p>		




PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2241.64	111.31	Initial Hydro-static
1	23.54	110.76	Open To Flow (1)
15	30.29	113.53	Shut-In(1)
62	349.34	114.68	End Shut-In(1)
64	30.70	115.82	Open To Flow (2)
76	37.88	116.01	Shut-In(2)
79	40.88	116.06	End Shut-In(2)
80	2149.13	116.15	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
20.00	M 100%M	0.10

* Recovery from multiple tests

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

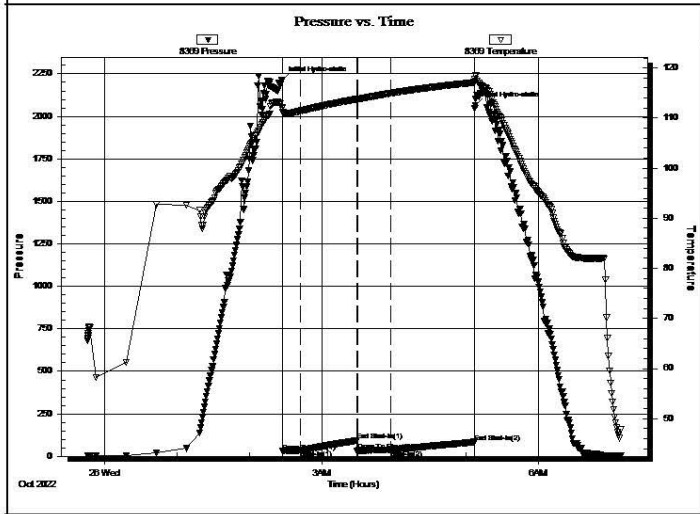
 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Shelby Resources 3700 Quebec St Ste 100 PM Denver, Co 80207 ATTN: Jeremy Schwartz	33-28S-14W Pratt Co L M Unit 1-33 Job Ticket: 69616 DST#: 10 Test Start: 2022.10.25 @ 23:46:11

GENERAL INFORMATION:

Formation: Viola	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: Eric Burgess
Time Tool Opened: 02:27:51	Unit No: 80
Time Test Ended: 07:08:20	
Interval: 4520.00 ft (KB) To 4610.00 ft (KB) (TVD)	Reference Elevations: 2033.00 ft (KB)
Total Depth: 4610.00 ft (KB) (TVD)	2021.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 8369	Outside				
Press@RunDepth: 38.92 psig @ 4527.00 ft (KB)	Capacity: 8000.00 psig				
Start Date: 2022.10.25	End Date: 2022.10.26	Last Calib.: 1899.12.30			
Start Time: 23:46:12	End Time: 07:08:21	Time On Btm: 2022.10.26 @ 02:27:31			
		Time Off Btm: 2022.10.26 @ 05:07:31			

TEST COMMENT: IF:Weak Building Blow built 1.25" in bucket. (15)
 IS:No Blow Back. (45)
 FF:Weak Building Blow built .50" in bucket. (30)
 FSI:No Blow Back. (60)



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2214.34	111.89	Initial Hydro-static
1	28.48	111.11	Open To Flow (1)
16	35.44	111.41	Shut-In(1)
62	92.47	113.77	End Shut-In(1)
63	30.94	113.77	Open To Flow (2)
91	38.92	114.97	Shut-In(2)
160	84.28	117.10	End Shut-In(2)
160	2064.43	118.56	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	M 100%M	0.05

* Recovery from multiple tests

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

Shelby Resources (JIB Account)
Ledger Listing

01/01/2022 thru 12/31/2022
Only Accounts 9208, 9308

*** Only Sub-Accounts 2105 thru 2105 are Included. ***

Date	Reference	Jrnl	Description	Invoice#	Amount	Quantity
9208-2105	Cementing & Services - L & M Unit # 1-33				0.00	
10/20/2022	15193	20	Hurricane Services Inc.	0364022 Deck: 2.0	16,543.00	Bd 10/31/2022



HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:

SHELBY RESOURCES LLC
3700 QUEBEC STREET
SUITE 100 PMB 376
DENVER, CO 80207-1639

Invoice Date: 10/15/2022
Invoice #: 0364022
Lease Name: L-M Unit
Well #: 1-33 (New)
County: Pratt, Ks
Job Number: WP3510
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-CON	275.000	25.000	6,875.00
Cement Class A	250.000	19.000	4,750.00
Calcium Chloride	470.000	0.750	352.50
Cello Flake	64.000	1.750	112.00
8 5/8" Flapper insert valve	1.000	375.000	375.00
8 5/8" Top rubber plug	1.000	175.000	175.00
8 5/8" Cementing basket	1.000	500.000	500.00
8 5/8" Centralizer x 12 1/4"	2.000	90.000	180.00
Light Eq Mileage	10.000	2.000	20.00
Heavy Eq Mileage	20.000	4.000	80.00
Ton Mileage	247.000	1.500	370.50
Cement Blending & Mixing	520.000	1.400	728.00
Depth Charge 501'-1000'	1.000	1,250.000	1,250.00
Cement Data Acquisition	1.000	250.000	250.00
Cement Plug Container	1.000	250.000	250.00
Service Supervisor	1.000	275.000	275.00

Total 16,543.00

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!

01/01/2022 thru 12/31/2022

Date	Reference	Jrnl	Description	Invoice#	Amount	Quantity
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Hurricane Services, Inc.
250 N. Water St., Suite #200
Wichita, KS 67202



Customer	Shelby Resources LLC		Lease & Well #	L-M Unit 1-33		Date	10/15/2022	
Service District	Pratt Kansas		County & State	Pratt Kansas		Legals S/T/R	33-28s-14w	
Job Type	surface	<input checked="" type="checkbox"/> PROD	<input checked="" type="checkbox"/> INJ	<input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> No	Job #
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures <input checked="" type="checkbox"/> Hard hat <input checked="" type="checkbox"/> H2S Monitor <input checked="" type="checkbox"/> Safety Footwear <input checked="" type="checkbox"/> FRC/Protective Clothing <input type="checkbox"/> Hearing Protection <input type="checkbox"/> Lockout/Tagout <input type="checkbox"/> Eye Protection <input type="checkbox"/> Respiratory Protection <input type="checkbox"/> Additional Chemical/Acid PPE <input checked="" type="checkbox"/> Fire Extinguisher <input type="checkbox"/> Warning Signs & Flagging <input type="checkbox"/> Fall Protection <input type="checkbox"/> Slip/Trip/Fall Hazards <input checked="" type="checkbox"/> Overhead Hazards <input checked="" type="checkbox"/> Muster Point/Medical Locations <input type="checkbox"/> Additional concerns or issues noted below						
Comments								
Product/Service Code	Description	Unit of Measure	Quantity	Net Amount				
cp025	H-Con	sack	275.00	\$6,875.00				
cp010	Class A Cement	sack	250.00	\$4,750.00				
cp100	Calcium Chloride	lb	470.00	\$352.50				
cp120	Cello-flake	lb	64.00	\$112.00				
fe275	8 5/8" AFU Flapper Insert Valve	ea	1.00	\$375.00				
fe285	8 5/8" Rubber Plug	ea	1.00	\$175.00				
fe255	8 5/8" Cement Basket	ea	1.00	\$500.00				
fe250	8 5/8" Centralizer	ea	2.00	\$180.00				
m015	Light Equipment Mileage	mi	10.00	\$20.00				
m010	Heavy Equipment Mileage	mi	20.00	\$80.00				
m020	Ton Mileage	tm	247.00	\$370.50				
c060	Cement Blending & Mixing Service	sack	520.00	\$728.00				
d011	Depth Charge: 501'-1000'	job	1.00	\$1,280.00				
c035	Cement Data Acquisition	job	1.00	\$250.00				
c050	Cement Plug Container	job	1.00	\$250.00				
tr061	Service Supervisor	day	1.00	\$275.00				
Customer Section: On the following scale how would you rate Hurricane Services Inc.?						Net:	\$16,543.00	
Based on this job, how likely is it you would recommend HSI to a colleague?						Total Taxable	\$ -	Tax Rate:
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <i>Extremely Likely</i>						State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.		
						Sale Tax:	\$ -	
						Total:	\$ 16,543.00	
						HSI Representative: <i>Mark Brungardt</i>		

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X 

CUSTOMER AUTHORIZATION SIGNATURE

ftv: 15-2021/01/25
mplv: 339-2022/10/05

01/01/2022 thru 12/31/2022

Date	Reference	Jrnl	Description	Invoice#	Amount	Quantity
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CEMENT TREATMENT REPORT

Customer:	Shelby Resources LLC	Well:	L-M Unit 1-33	Ticket:	wp 3510
City, State:	Coats Kansas	County:	Pratt Kansas	Date:	10/15/2022
Field Rep:	Gale Thompson	S-T-R:	33-28s-14w	Service:	surface

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	12 1/4 in	Blend:	H-Con	Blend:	A 2%cc
Hole Depth:	917 ft	Weight:	12.0 ppg	Weight:	15.6 ppg
Casing Size:	8 5/8 in	Water / Sx:	14.5 gal / sx	Water / Sx:	5.2 gal / sx
Casing Depth:	910 ft	Yield:	2.47 ft ³ / sx	Yield:	1.20 ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	55.0 bbls	Total Slurry:	121.0 bbls	Total Slurry:	53.5 bbls
		Total Sacks:	275 sx	Total Sacks:	250 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
8:30 PM			-	-	on location job and safety
8:45 PM				-	spot trucks and rig up
				-	centralizers 15
				-	basket 4th joint from the top
				-	
12:00 AM				-	start casing in the hole
1:40 AM				-	casing on bottom and circulate
				-	
1:45 AM				-	start cement
	4.5	120.0	6.0	5.0	fresh water
	5.5	180.0	121.0	126.0	mix 275 sacks lead
	5.5	180.0	53.5		mix 250 sacks tail
2:30 AM					cement in and shut down
					release plug
2:35 AM					start displacement
	5.0	200.0	30.0		
	5.0	280.0	40.0		
	5.0	280.0	50.0		
	3.0	200.0	55.0		
3:00 AM					plug down....float did hold
					circulated 10 bbls to the pit

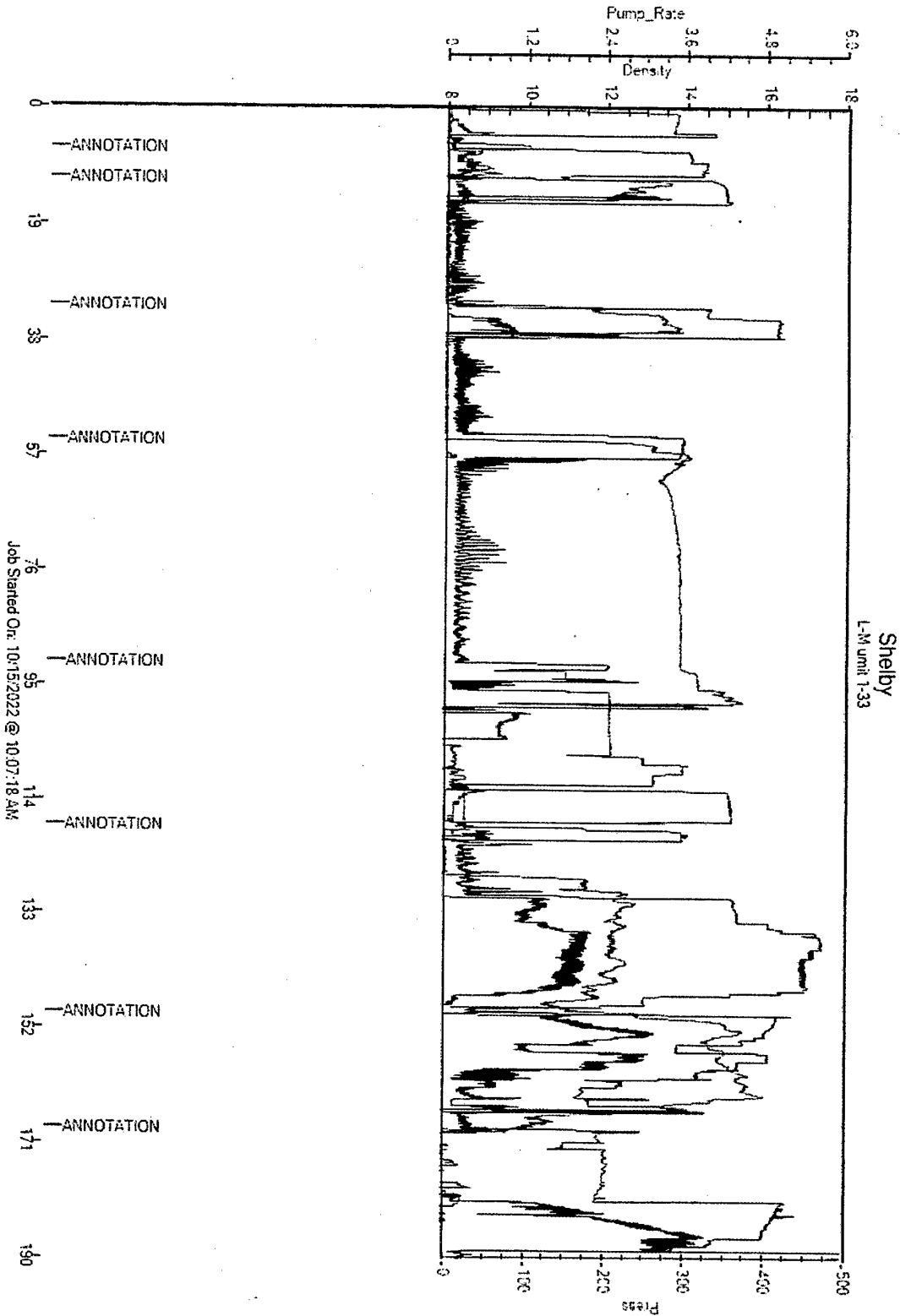
CREW		UNIT	SUMMARY		
Cementer:	M Brungardt	916	Average Rate	Average Pressure	Total Fluid
Pump Operator:	A Clifton	179/521	4.8 bpm	206 psi	355 bbls
Bulk #1:	K Jullan	523/533			
Bulk #2:					

ftv: 15-2021/01/25
mplv: 339-2022/10/05

01/01/2022 thru 12/31/2022

Date	Reference	Jrnl	Description	Invoice#	Amount	Quantity
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CPSS_CEM_BKUP IMPacdb 1



01/01/2022 thru 12/31/2022

Date	Reference	Jrnl	Description	Invoice#	Amount	Quantity
9208-2105	Cementing & Services - L & M Unit # 1-33 <Continued>					
9208-2105	16,543.00		YTD Total		16,543.00 *	
9308-2105	Cementing & Services - L & M Unit # 1-33				0.00	
11/06/2022	15298	20	Hurricane Services Inc.	0364364 Deck: 2.0	17,249.00	Bd 11/30/2022



HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
 250 N. Water, Suite 200
 Wichita, KS 67202
 316-303-9515

Customer:
 SHELBY RESOURCES LLC
 3700 QUEBEC STREET
 SUITE 100 PMB 376
 DENVER, CO 80207-1639

Invoice Date: 10/28/2022
 Invoice #: 0364364
 Lease Name: L-M Unit
 Well #: 1-33 (New)
 County: Pratt, Ks
 Job Number: WP3561
 District: Pratt

Date/Description	HRS/QTY	Rate	Total
Pipe Job	0.000	0.000	0.00
H-H Long	200.000	45.000	9,000.00
H-Plug	100.000	14.000	1,400.00
Type B basket shoe 5 1/2"	1.000	1,500.000	1,500.00
5 1/2" LD Plug & Baffle	1.000	350.000	350.00
5 1/2" Turbolizers	8.000	125.000	1,000.00
Light Eq Mileage	10.000	2.000	20.00
Heavy Eq Mileage	20.000	4.000	80.00
Ton Mileage	136.000	1.500	204.00
Cement Blending & Mixing	300.000	1.400	420.00
Depth Charge 4001'-5000'	1.000	2,500.000	2,500.00
Cement Data Acquisition	1.000	250.000	250.00
Cement Plug Container	1.000	250.000	250.00
Service Supervisor	1.000	275.000	275.00

Total 17,249.00

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!

01/01/2022 thru 12/31/2022

Date	Reference	Jrnl	Description	Invoice#	Amount	Quantity
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CEMENT TREATMENT REPORT

Customer:	Shelby Resources	Well:	L & M Unit 1-33	Ticket:	wp 3561
City, State:	Coats Kansas	County:	Pratt,Kansas	Date:	10/28/2022
Field Rep:	Chris Gottschalk	S-T-R:	33-28s-14w	Service:	Pipe job

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	7 7/8 in	Blend:	H plug	Blend:	H long
Hole Depth:	4944 ft	Weight:	18.7 ppg	Weight:	15 ppg
Casing Size:	5 1/2 in	Water / Sx:	6.9 gal / sx	Water / Sx:	6.0 gal / sx
Casing Depth:	4743 ft	Yield:	1.43 ft ³ / sx	Yield:	1.42 ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	bbls	Total Slurry:	12.7 bbls	Total Slurry:	50.0 bbls
		Total Sacks:	50 sx	Total Sacks:	200 sx

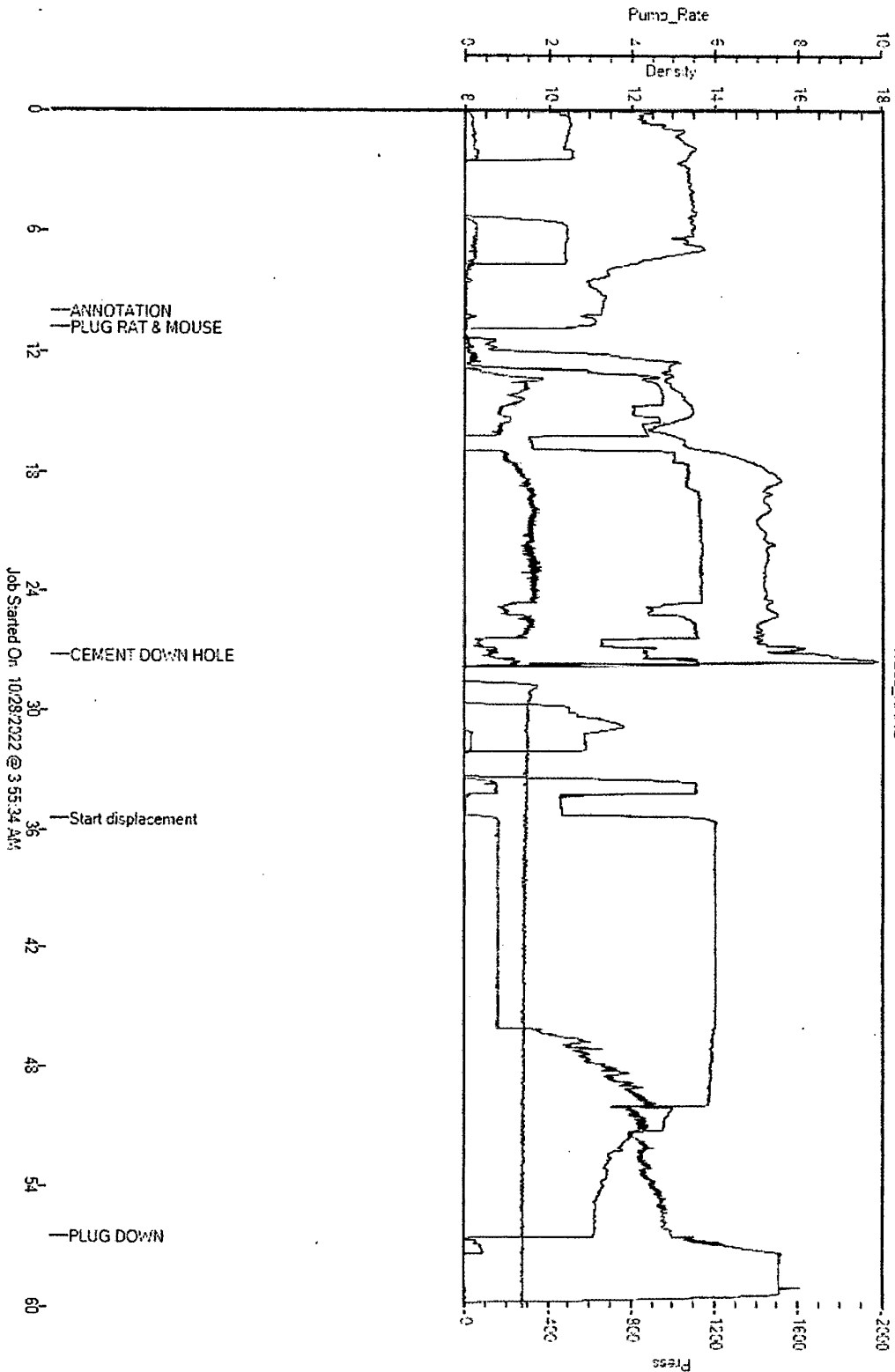
TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
12:30 AM			-	-	on location job and safety
12:40 AM			-	-	spot trucks and rig up
			-	-	turbolizers 3,6,9,12,15,18,31,35
			-	-	
1:35 AM			-	-	start casing in the hole
4:20 AM			-	-	on bottom and circulating
			-	-	
5:00 AM	2.0	-	12.7	12.7	plug rat hole 30 sacks plug mouse hole 20 sacks
5:15 AM			-	-	start cement down hole
	4.5	300.0	12.0	12.0	mix 50 sacks scavenger
	5.5	270.0	50.0		mix 200 sacks tail
5:30 AM					cement in
					wash pump and lines and release the plug
5:35 AM					start displacement
	6.0	170.0	20.0		
	6.0	170.0	40.0		
	6.0	170.0	60.0		
	6.0	450.0	70.0		
	6.0	600.0	80.0		
	6.0	850.0	90.0		
	5.0	826.0	100.0		
	3.0	800.0	105.0		
6:00 AM	3.0	1,000.0	116.0		plug down,.....1000 to 1500 psi
					float did hold

CREW		UNIT	SUMMARY		
Cementer:	M Brungardt	916	Average Rate	Average Pressure	Total Fluid
Pump Operator:	A Clifton	179/521	4.9 bpm	467 psi	755 bbls
Bulk #1:	K Julian	182/534			
Bulk #2:					

01/01/2022 thru 12/31/2022

Date	Reference	Jrnl	Description	Invoice#	Amount	Quantity
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Shelby 18m IMP.acddb 1



Job Started On 10/28/2022 @ 3:55:34 AM

Page

Shelby Resources (JIB Account)
Ledger Listing

01/01/2022 thru 12/31/2022

Date	Reference	Jrnl	Description	Invoice#	Amount	Quantity
9308-2105	Cementing & Services - L & M Unit # 1-33 <Continued>					
9308-2105	17,249.00		YTD Total		17,249.00 *	
Grand Total=	33,792.00	#Detail: 2,	#Accounts:0		33,792.00	



Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513

Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Susan K. Duffy, Chair
Dwight D. Keen, Commissioner
Andrew J. French, Commissioner

Laura Kelly, Governor

March 16, 2023

Trey Mallon
Shelby Resources LLC
3700 QUEBEC STREET
SUITE 100 PMB 376
DENVER, CO 80207-1639

Re: ACO-1
API 15-151-22555-00-00
L & M UNIT 1-33
SW/4 Sec.33-28S-14W
Pratt County, Kansas

Dear Trey Mallon:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 10/14/2022 and the ACO-1 was received on March 15, 2023 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department