

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
--	---

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
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	DRUSSEL A 11
Doc ID	1509882

All Electric Logs Run

BOREHOLE COMPENSATED SONIC LOG
COMPENSATED NEUTRON PEL DENSITY MICRO LOG
COMPOSITE LOG
MICROLOG
PHASED INDUCTION SHALLOW FOCUSE SP LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	DRUSSEL A 11
Doc ID	1509882

Tops

Name	Top	Datum
Heebner	3910	.
Toronto	3937	.
Lansing	4007	.
Hertha	4378	.
Marmaton	4507	.
Pawnee	4606	.
Cherokee	4661	.
Atoka	4837	.
Morrow	4882	.
St Genevieve	5058	.



Merit Energy

Finney County, KS (NAD 27)

Drussel

Drussel A-11

Drussel A-11

Design: Drussel A-11

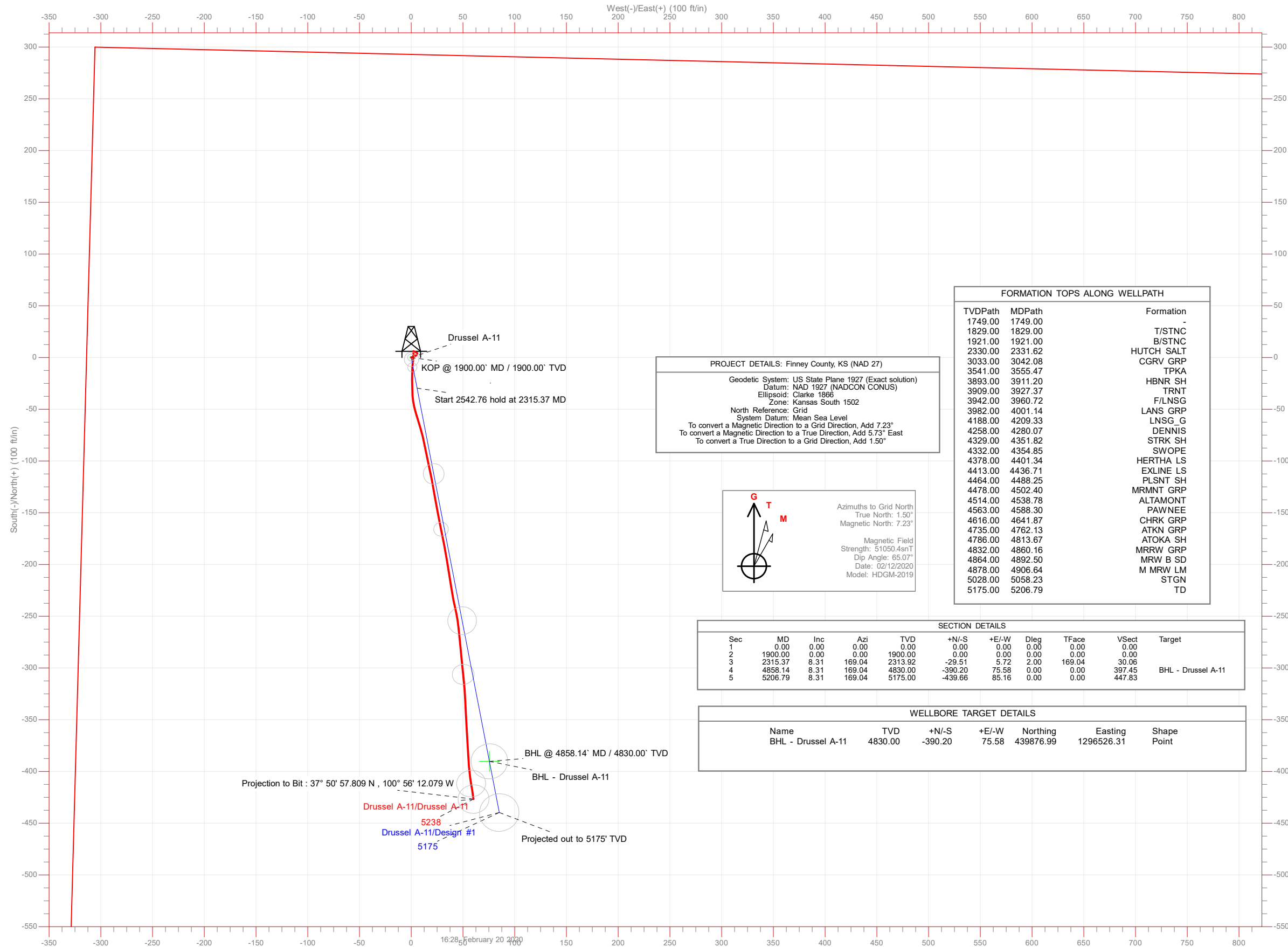
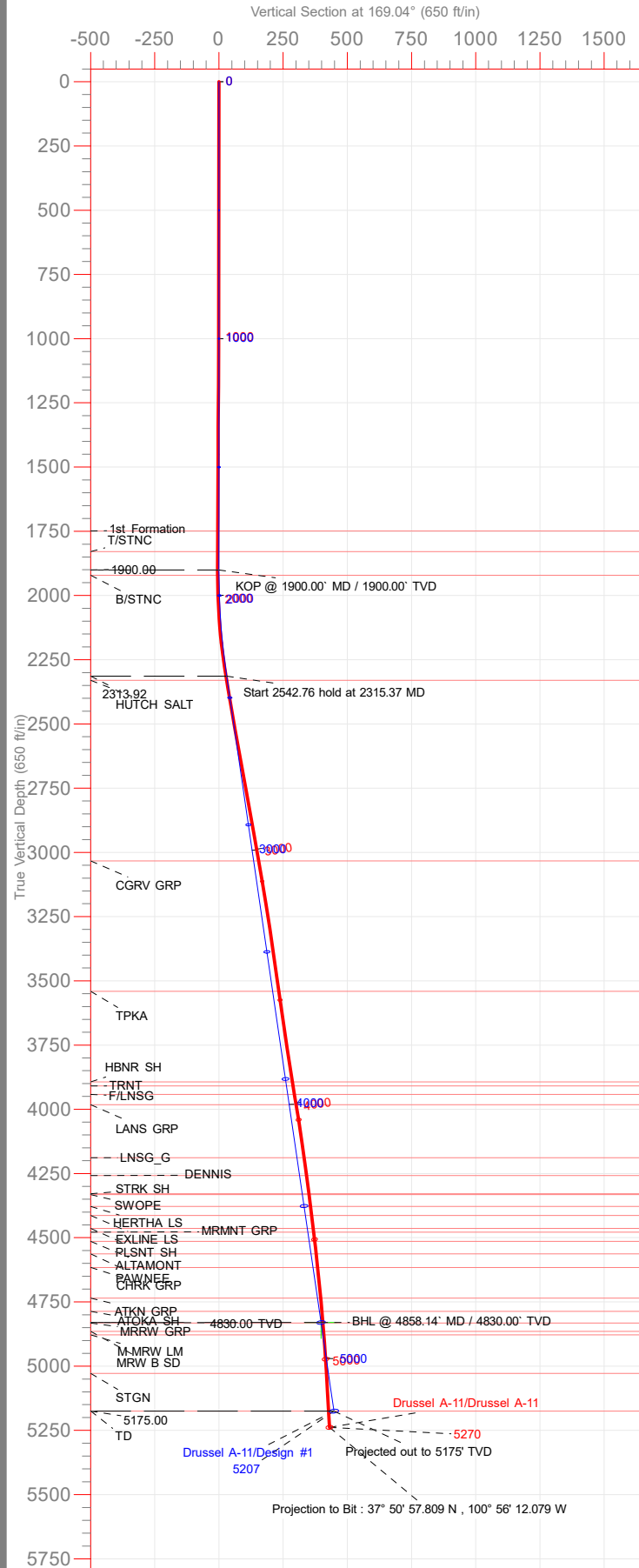
Standard Survey Report

20 February, 2020

gyro/data

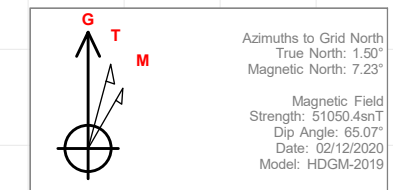
A thick red horizontal bar located at the bottom of the page, underlining the 'gyro/data' logo.

Notice: Section Lines and Hardlines are estimates only and are subject to customer approval



PROJECT DETAILS: Finney County, KS (NAD 27)

Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: Kansas South 1502
 North Reference: Grid
 System Datum: Mean Sea Level
 To convert a Magnetic Direction to a Grid Direction, Add 7.23°
 To convert a Magnetic Direction to a True Direction, Add 5.73° East
 To convert a True Direction to a Grid Direction, Add 1.50°



FORMATION TOPS ALONG WELLPATH

TVDPath	MDPath	Formation
1749.00	1749.00	-
1829.00	1829.00	T/STNC
1921.00	1921.00	B/STNC
2330.00	2331.62	HUTCH SALT
3033.00	3042.08	CGRV GRP
3541.00	3555.47	TPKA
3893.00	3911.20	HBNR SH
3909.00	3927.37	TRNT
3942.00	3960.72	F/LNSG
3982.00	4001.14	LANS GRP
4188.00	4209.33	LNSG_G
4258.00	4280.07	DENNIS
4329.00	4351.82	STRK SH
4332.00	4354.85	SWOPE
4378.00	4401.34	HERTHA LS
4413.00	4436.71	EXLINE LS
4464.00	4488.25	PLSNT SH
4478.00	4502.40	MRMNT GRP
4514.00	4538.78	ALTAMONT
4563.00	4588.30	PAWNEE
4616.00	4641.87	CHRK GRP
4735.00	4762.13	ATKN GRP
4786.00	4813.67	ATOKA SH
4832.00	4860.16	MRRW GRP
4864.00	4892.50	MRW B SD
4878.00	4906.64	M MRW LM
5028.00	5058.23	STGN
5175.00	5206.79	TD

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Deg	TFace	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	
3	2315.37	8.31	169.04	2313.92	-29.51	5.72	2.00	169.04	30.06	
4	4858.14	8.31	169.04	4830.00	-390.20	75.58	0.00	0.00	397.45	BHL - Drussel A-11
5	5206.79	8.31	169.04	5175.00	-439.66	85.16	0.00	0.00	447.83	

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
BHL - Drussel A-11	4830.00	-390.20	75.58	439876.99	1296526.31	Point

Company:	Merit Energy	Local Co-ordinate Reference:	Well Drussel A-11
Project:	Finney County, KS (NAD 27)	TVD Reference:	RKB @ 2927.30ft (Duke 9 (2915.3' + 12' = 2927.3'))
Site:	Drussel	MD Reference:	RKB @ 2927.30ft (Duke 9 (2915.3' + 12' = 2927.3'))
Well:	Drussel A-11	North Reference:	Grid
Wellbore:	Drussel A-11	Survey Calculation Method:	Minimum Curvature
Design:	Drussel A-11	Database:	Gyrodata NWDB

Project	Finney County, KS (NAD 27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Kansas South 1502		

Site	Drussel				
Site Position:		Northing:	440,345.97 ft	Latitude:	37° 51' 3.508 N
From:	Map	Easting:	1,299,239.69 ft	Longitude:	100° 55' 38.234 W
Position Uncertainty:	0.00 ft	Slot Radius:	1.10 ft	Grid Convergence:	-1.49 °

Well	Drussel A-11					
Well Position	+N/-S	0.00 ft	Northing:	440,267.19 ft	Latitude:	37° 51' 2.011 N
	+E/-W	0.00 ft	Easting:	1,296,450.73 ft	Longitude:	100° 56' 12.970 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	2,915.30 ft

Wellbore	Drussel A-11				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM-2019	02/12/20	5.73	65.07	51,050.39587792

Design	Drussel A-11				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	171.25	

Survey Program	Date	02/20/20			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
998.00	1,451.00	Survey #1 (Drussel A-11)	MWD - OSWG	OSWG MWD - Standard	
1,810.00	5,270.00	Survey #2 (Drussel A-11)	MWD+HDGM	OSWG MWD + HDGM	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
998.00	0.60	67.10	997.98	2.03	4.81	-1.28	0.06	0.06	0.00	
1,028.00	0.30	62.10	1,027.98	2.13	5.03	-1.34	1.01	-1.00	-16.67	
1,185.00	0.60	14.10	1,184.98	3.12	5.59	-2.23	0.29	0.19	-30.57	
1,342.00	0.20	36.10	1,341.97	4.14	5.95	-3.19	0.27	-0.25	14.01	
1,451.00	0.40	295.10	1,450.97	4.45	5.72	-3.53	0.44	0.18	-92.66	
1,810.00	0.61	294.98	1,809.96	5.79	2.85	-5.29	0.06	0.06	-0.03	
1,905.00	0.50	277.08	1,904.96	6.06	1.98	-5.69	0.21	-0.12	-18.84	

Company:	Merit Energy	Local Co-ordinate Reference:	Well Drussel A-11
Project:	Finney County, KS (NAD 27)	TVD Reference:	RKB @ 2927.30ft (Duke 9 (2915.3' + 12' = 2927.3'))
Site:	Drussel	MD Reference:	RKB @ 2927.30ft (Duke 9 (2915.3' + 12' = 2927.3'))
Well:	Drussel A-11	North Reference:	Grid
Wellbore:	Drussel A-11	Survey Calculation Method:	Minimum Curvature
Design:	Drussel A-11	Database:	Gyrodata NWDB

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
1,998.00	2.25	159.22	1,997.93	4.40	2.23	-4.01	2.71	1.88	-126.73	
2,092.00	4.31	194.48	2,091.78	-0.75	2.00	1.04	2.97	2.19	37.51	
2,185.00	6.54	180.16	2,184.37	-9.43	1.11	9.49	2.79	2.40	-15.40	
2,279.00	8.30	181.05	2,277.57	-21.56	0.97	21.46	1.88	1.87	0.95	
2,375.00	9.99	176.25	2,372.35	-36.80	1.39	36.59	1.93	1.76	-5.00	
2,467.00	10.37	163.29	2,462.92	-52.70	4.29	52.74	2.52	0.41	-14.09	
2,563.00	9.57	163.26	2,557.46	-68.61	9.08	69.20	0.83	-0.83	-0.03	
2,656.00	10.70	168.68	2,649.01	-84.48	13.00	85.48	1.59	1.22	5.83	
2,749.00	10.51	167.84	2,740.42	-101.24	16.48	102.57	0.26	-0.20	-0.90	
2,843.00	10.32	168.90	2,832.87	-117.88	19.91	119.54	0.29	-0.20	1.13	
2,938.00	9.98	170.65	2,926.39	-134.36	22.88	136.27	0.48	-0.36	1.84	
3,032.00	9.72	168.93	3,019.00	-150.18	25.73	152.35	0.42	-0.28	-1.83	
3,127.00	9.63	168.39	3,112.65	-165.84	28.87	168.30	0.13	-0.09	-0.57	
3,220.00	9.20	168.98	3,204.40	-180.75	31.85	183.50	0.47	-0.46	0.63	
3,313.00	8.97	170.92	3,296.23	-195.21	34.42	198.17	0.41	-0.25	2.09	
3,406.00	8.26	170.87	3,388.18	-208.97	36.62	212.10	0.76	-0.76	-0.05	
3,500.00	7.41	171.39	3,481.30	-221.63	38.60	224.92	0.91	-0.90	0.55	
3,594.00	8.22	168.34	3,574.43	-234.20	40.87	237.69	0.97	0.86	-3.24	
3,689.00	7.82	167.85	3,668.50	-247.17	43.60	250.93	0.43	-0.42	-0.52	
3,782.00	9.52	173.54	3,760.44	-261.00	45.80	264.93	2.05	1.83	6.12	
3,877.00	9.41	175.02	3,854.14	-276.54	47.36	280.53	0.28	-0.12	1.56	
3,971.00	9.05	174.08	3,946.92	-291.55	48.79	295.58	0.42	-0.38	-1.00	
4,066.00	8.77	174.17	4,040.78	-306.19	50.29	310.27	0.30	-0.29	0.09	
4,160.00	8.13	175.71	4,133.76	-319.94	51.52	324.06	0.72	-0.68	1.64	
4,254.00	7.69	176.60	4,226.86	-332.85	52.39	336.95	0.49	-0.47	0.95	
4,347.00	7.45	177.95	4,319.05	-345.09	52.97	349.13	0.32	-0.26	1.45	
4,441.00	7.31	176.48	4,412.27	-357.15	53.56	361.14	0.25	-0.15	-1.56	
4,536.00	6.78	176.42	4,506.56	-368.78	54.28	372.74	0.56	-0.56	-0.06	
4,629.00	6.21	177.90	4,598.96	-379.28	54.80	383.20	0.64	-0.61	1.59	
4,723.00	5.50	175.68	4,692.47	-388.85	55.33	392.75	0.79	-0.76	-2.36	
4,817.00	5.05	174.34	4,786.07	-397.46	56.08	401.37	0.50	-0.48	-1.43	
4,860.37	4.76	173.43	4,829.28	-401.15	56.47	405.07	0.70	-0.68	-2.10	
BHL - Drussel A-11										
4,910.00	4.42	172.24	4,878.75	-405.09	56.97	409.04	0.70	-0.68	-2.40	
5,004.00	3.74	170.88	4,972.51	-411.70	57.94	415.73	0.73	-0.72	-1.45	
5,099.00	3.31	169.89	5,067.33	-417.46	58.91	421.57	0.46	-0.45	-1.04	
5,130.00	3.22	173.21	5,098.28	-419.21	59.17	423.33	0.68	-0.29	10.71	
5,225.00	3.02	170.74	5,193.14	-424.33	59.89	428.50	0.25	-0.21	-2.60	
5,270.00	3.02	170.74	5,238.08	-426.67	60.27	430.87	0.00	0.00	0.00	
Projection to Bit : 37° 50' 57.809 N , 100° 56' 12.079 W										

Company:	Merit Energy	Local Co-ordinate Reference:	Well Drussel A-11
Project:	Finney County, KS (NAD 27)	TVD Reference:	RKB @ 2927.30ft (Duke 9 (2915.3' + 12' = 2927.3'))
Site:	Drussel	MD Reference:	RKB @ 2927.30ft (Duke 9 (2915.3' + 12' = 2927.3'))
Well:	Drussel A-11	North Reference:	Grid
Wellbore:	Drussel A-11	Survey Calculation Method:	Minimum Curvature
Design:	Drussel A-11	Database:	Gyrodata NWDB

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
5,270.00	5,238.08	-426.67	60.27	Projection to Bit : 37° 50' 57.809 N , 100° 56' 12.079 W

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------



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

Well Name: DRUSSELL A 11
Well Id:
Location: Sec. 27 T25S R33W, Finney Co., Kansas
License Number: 15-055-22526-0100
Spud Date: Feb. 15, 2020
Surface Coordinates: NW NW NW SW

Region: Wildcat
Drilling Completed: Feb. 20, 2020

Bottom Hole
Coordinates:
Ground Elevation (ft): 2915' K.B. Elevation (ft): 2927'
Logged Interval (ft): 3800' To: 5270' Total Depth (ft): 5270'
Formation: Marmaton, Altamont, Morrow
Type of Drilling Fluid: Natural Chemical

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

OPERATOR

Company: MERIT ENERGY CO.
Address: 13727 NOEL ROAD, # 1200 Tower 2
DALLAS, TX 75240
Co. Geo: Krystin Robinson


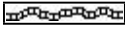
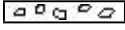

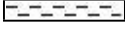

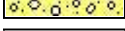

GEOLOGIST





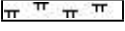

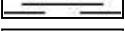
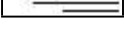
Name: Tim Hedrick
Company: Earth Tech OGL, Inc
Address: PO Box 683
Hooker, Oklahoma 73945
Off: 580-652-3924 Cell 580-754-0062

SURVEYS






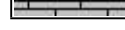
1810' INC. 0.61 AZM 294.98 TVD 1809.96
 1905' INC 0.50 AZM 177.08 TVD 1904.95
 1998' INC 2.25 AZM 159.22 TVD 1997.93
 2092' INC 4.31 AZM 194.48 TVD 2091.78
 2185' INC 6.54 AZM 180.16 TVD 2184.36
 2279' INC 8.30 AZM 181.05 TVD 2277.57
 2375' INC 9.99 AZM 176.25 TVD 2372.35
 2467' INC 10.37 AZM 163.29 TVD 2462.91
 2563' INC 9.59 AZM 163.26 TVD 2557.46
 2656' INC 10.70 AZM 168.68 TVD 2649.01
 2749' INC 10.51 AZM 167.84 TVD 2740.42
 2843' INC 10.32 AZM 168.90 TVD 2832.87
 2938' INC 9.98 AZM 170.65 TVD 2926.39
 3032' INC 9.72 AZM 168.93 TVD 3019.00
 3127' INC 9.63 AZM 168.39 TVD 3112.65
 3220' INC 9.20 AZM 168.98 TVD 3204.40
 3313' INC 8.97 AZM 170.92 TVD 3296.23
 3406' INC 8.26 AZM 170.87 TVD 3388.18
 3500' INC 7.41 AZM 171.39 TVD 3481.30
 3594' INC 8.22 AZM 168.34 TVD 3574.43
 3689' INC 7.82 AZM 167.85 TVD 3668.50
 3782' INC 9.52 AZM 173.54 TVD 3760.44
 3877' INC 9.41 AZM 175.02 TVD 3854.14
 3971' INC 9.05 AZM 174.08 TVD 3946.92
 4066' INC 8.77 AZM 174.17 TVD 4040.78
 4160' INC 8.13 AZM 175.71 TVD 4133.76
 4254' INC 7.69 AZM 176.60 TVD 4226.86
 4347' INC 7.45 AZM 177.95 TVD 4319.05
 4441' INC 7.31 AZM 176.48 TVD 4412.27
 4536' INC 6.78 AZM 176.42 TVD 4506.56
 4629' INC 6.21 AZM 177.90 TVD 4598.96
 4723' INC 5.50 AZM 175.68 TVD 4692.47
 4817' INC 5.05 AZM 174.34 TVD 4786.07
 4910' INC 4.42 AZM 172.24 TVD 4878.75
 5004' INC 3.74 AZM 170.88 TVD 4972.51
 5099' INC 3.31 AZM 169.89 TVD 5067.33
 5130' INC 3.22 AZM 173.21 TVD 5098.28
 5225' INC 3.02 AZM 170.74 TVD 5193.14

ROCK TYPES

 Anhy
 Bent
 Brec
 Cht
 Clyst
 Coal
 Congl
 Dol

 Gyp
 Igne
 Lmst
 Meta
 Mrlst
 Salt
 Shale
 Shcol

 Shgy
 Sltst
 Ss
 Till
 Carb sh
 Dol
 Dtd
 Gry sh

 Sandylms
 Shale
 Sltstn
 Shlyslts
 Sltyslts
 Lms

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Breclfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr



- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Sity

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram



- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh



- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finxln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY TYPE

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang



- Angular

OIL SHOWS

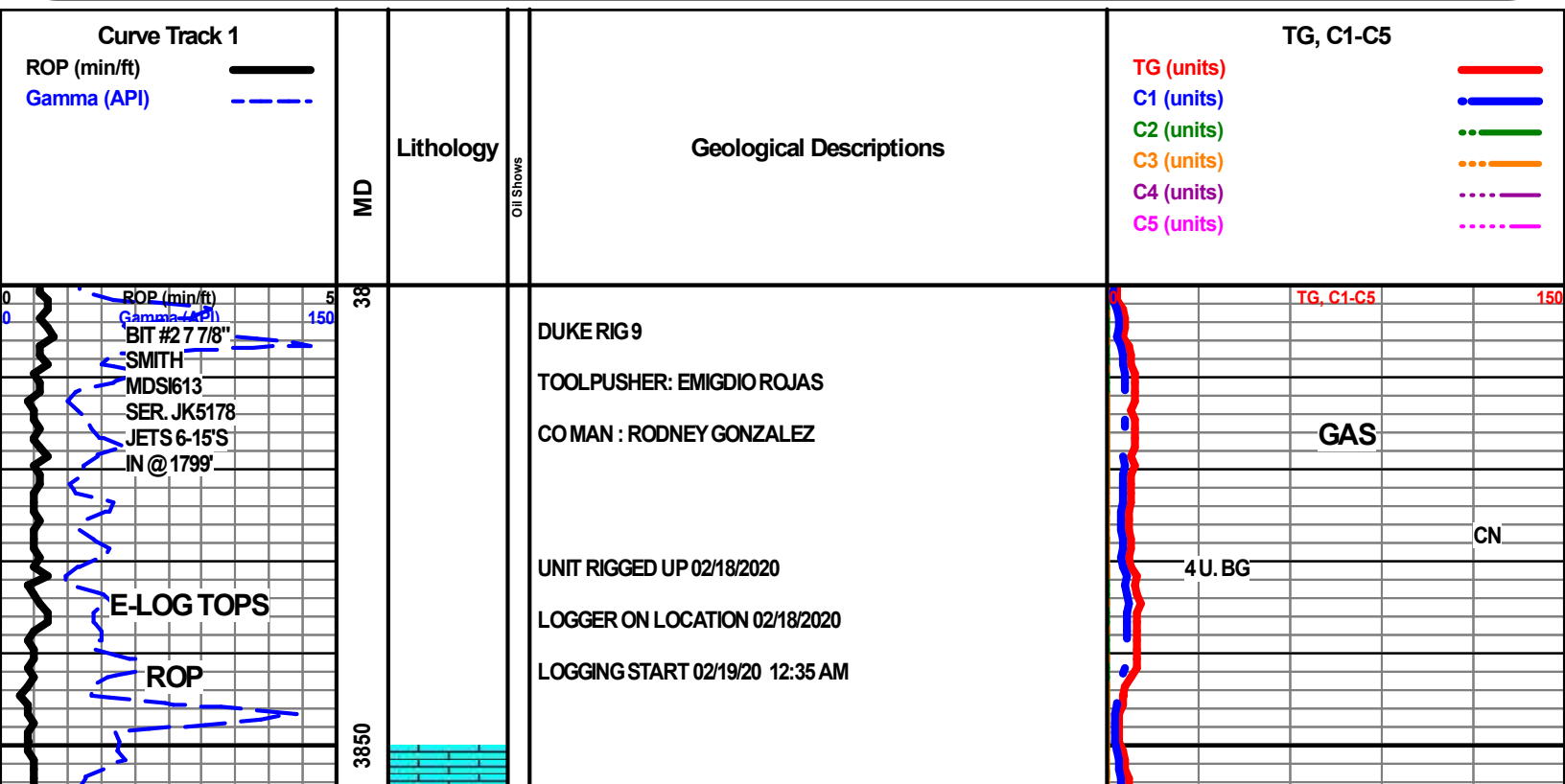
- Even
- Spotted
- Ques
- Dead
- Gas show

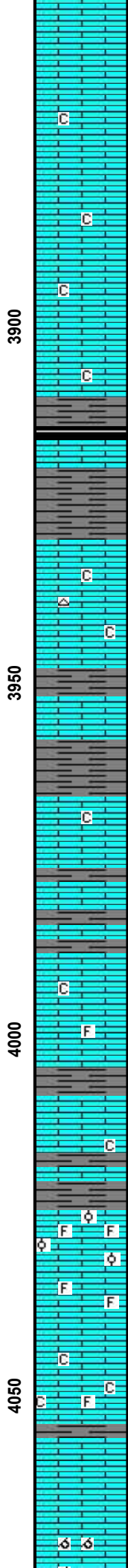
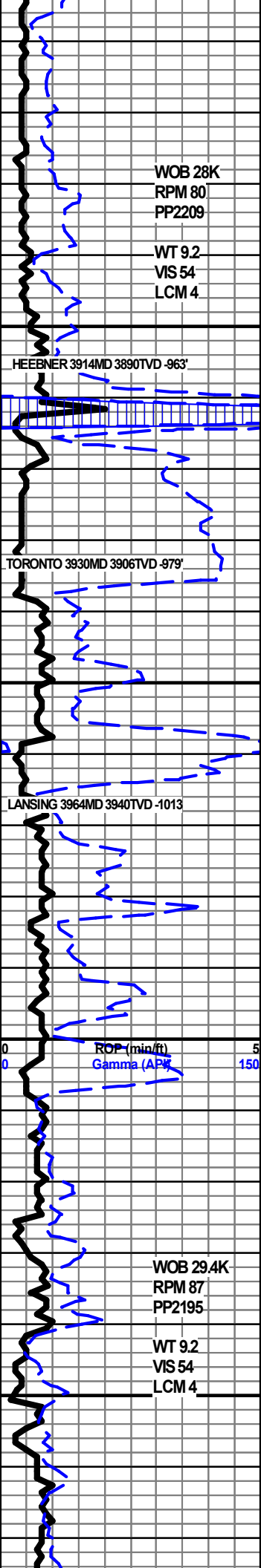
INTERVALS

- Core
- Dst
- Dst

EVENTS

- Rft
- Sidewall





LS- WHT OFF WHT CRM- HD BRITT TO SFT, V/ SUCRO MTRX TO SUCRO S-CHLKY W/ABDT FREE SFT WHT CHLK, LT YEL MIN FLO IP, PR MICRO PPPOR IP, NO VIS CUT OR SHOW

HEEBNER 3915 MD 3894.33 TVD -967'

SH- BLK CARB

TORONTO 3931' MD 3910 TVD -983'

LS- CRM BFF- HD DNS TO BRITT SUCRO MTRX, V/ S-CHLKY IP W/ TR TAN CHERT IP, LT YEL MIN FLO, TR V/PR MICRO PP POR IP, NO VIS CUT OR SHOW

SH- LT GY TO LT GREEN- SMOOTH TXT TO GRAINY TXT IP, V/ CALC

LANSING 3966' MD 3944.16 TVD -1017'

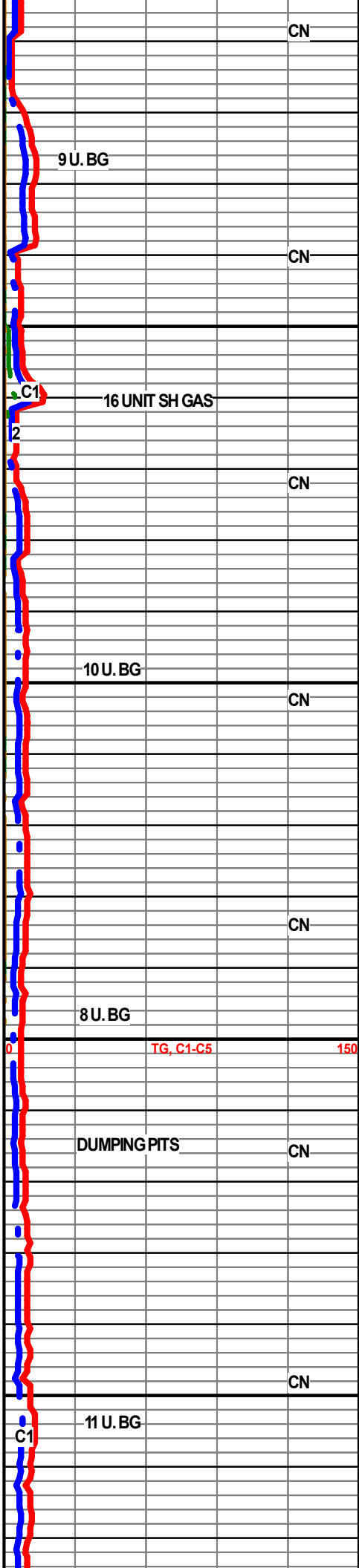
LS- CRM LT TN - HD DNS TO BRITT IP, SUCRO MTRX TO F-XLN IP, SLI S-CHLKY IP, NO FLO, NO VIS POR, NO VIS SHOW OR CUT

LS- CRM LT TN TN - HD DNS TR BRITT F-XLN TO V/ TT SUCRO IP, TR EMBED FOSS FRGS IP, TR FREE SFT WHT CHLK, LT YEL NIN FLO IP, NO VIS POR, NO VIS SHOW

SH- LT GREEN- SMOOTH TXT SLI CALC

LS- OFF WHT WHT CRM- HD IP TO BRITT, MED-XLN RE-XLN MTRX, ABDT EMBED FOSS FRGS SCATTERED MICRO OOLITES, TR SFT CHLK IP, LT BRIT YEL FLO, PR SCAT INTER-FOSS POR, NO VIS SHOW OR CUT

LS- WHT OFF WHT CRM- HD IP TO SFT, V/ SUCRO S-CHLKY TO CHLKY MTRX, TR FOSS FRGS IP, LT YEL MIN FLO, NO VIS POR, NO VIS SHOW



CN

CN

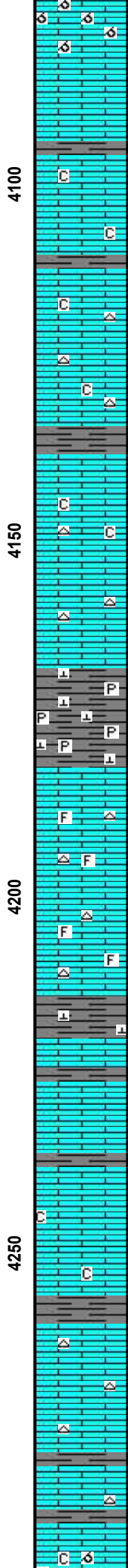
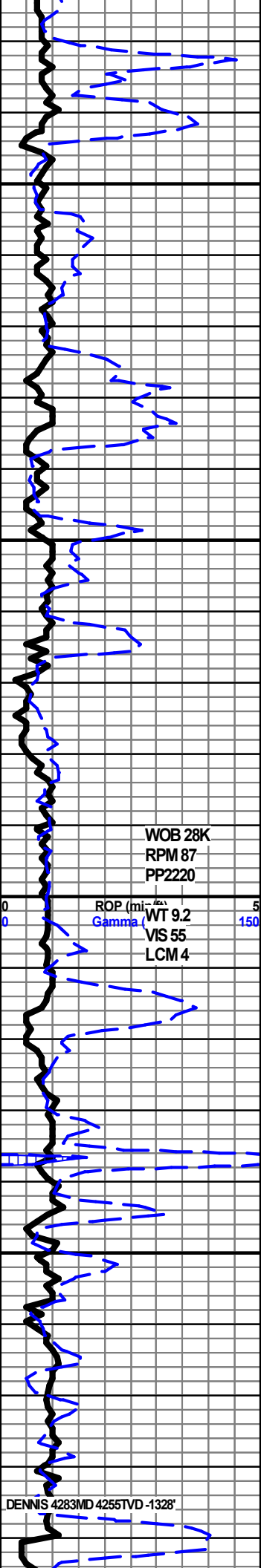
CN

CN

CN

CN

CN



LS- OFF WHT CRM BFF- HD BRITT, FN-XLN TO SUCRO, VOOLITIC TO V/MICRO OOLICASTIC, LT BRIT YEL MIN FLO, PR FR OOLICAST POR TO GD INTER-XLN POR, NO VIS SHOW OR CUT

LS- CRM LT TN LT GY IP- HD DNS MOTT FN-XLN TO SUCRO SLI S-CHLKY IP, TR EMBED DKG YSH, LT YEL MIN FLO, NO VIS POR, NO VIS SHOW OR CUT

LS- CRM LT TN TN -HD DNS TO BRITT, FNXLN TO SUCRO TO SUCRO S-CHLKY W/ HVY TR FREE SFT CHLK, TAN CHERT, LT BRIT YEL MIN FLO, NO VIS POR, NO VIS SHOW

LS- WHT OFF WHT LT TN- HD DNS IP TO V/SFT A BDT SFT WHT CHLK TO V/ TT SUCRO TO PCKSTN IP, TAN CHERT IP, LT BRIT YEL MIN FLO IP, NO VIS POR, NO VIS SHOW OR CUT

SH- GREEN LT GY- FRM BLKY SMOOTH TXT V/ CALC W/ABDT EMBED DISS PYR THRU

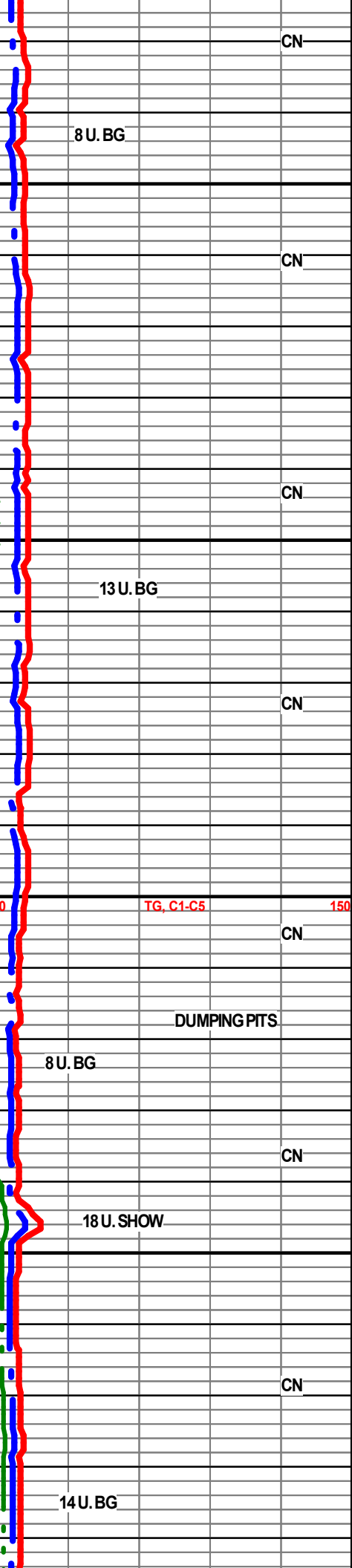
LS- CRM LT TN TN- HD DNS F-XLN TO V/ TT FINE SUCRO IP, RMBED FOSS FRGS IP, TAN CHERT W/IMBD FOSS FRGS IP, LT YEL MIN FLO, NO VIS POR, NO VIS SHOW

SH- GY DK GY- FRM BLKY GRAINY TXT, SLI CALC IP

LS- CRM TN BRN- HD DNS FN-XLN TO V/FN-XLN, SLI TR FOSS FRGS IP, NO FLO, NO VIS POR, NO VIS SHOW

LS- CRM LT TN TN DUE TO LT TN OIL STN, HD DNS IP TO BRITT, V/SUCRO, SMLL CALC XLS EMBED IP, SLI TR S-CHLKY, BRIT YEL GLD FLO THRU, PR TO FR VIS INTER-XLN POR, POSS MICRO VUG POR, V/GD FLSH TO V/ GD SLO STRM CUT THRU, FR OIL ODOR WET AND DRY

LS- LT TN TN GY IP, HD DNS FN TO V/FN-XLN CRYPTO-XLN IP, HVY TR WHT TRANSLCNT CHERT, LT BRIT YEL MIN FLO, NO VIS POR, NO VIS SHOW



CN

CN

CN

CN

CN

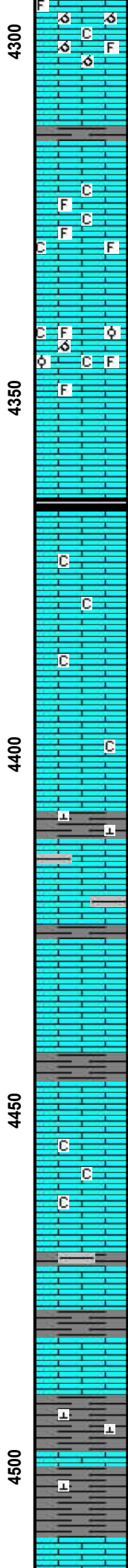
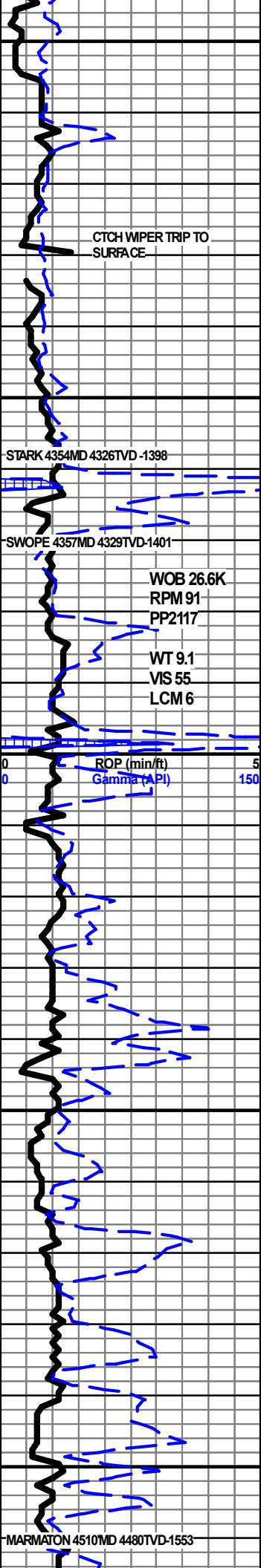
CN

CN

CN

CN

CN



LS- LT TN TN TO OFF WHT IP, HD VBRITT, V/ SUCRO MTRX, V/ MICRO OOLCAST, EMBED FOSS FRGS SCAT THRU, ABDT FREE AND EMBED SFT WHT CHLK THRU, BRIT YEL MIN FLO THRU, GD TO V/ GD OOLICAST TO MICRO VUG POR, NO VIS SHOW OR CUT

LS- OFF WHT WHT CRM LT TN DUE TO LT TAN OIL STN IN 15%, HD BRITT TO SFT IP SUCRO SCATTERED EMBED FOSS FRGS IP, ABDT SFT WHT CHLK FREE AND EMBED, BRIT YEL GLD FLO SPOTTED, PR TO FR INTER-XLN & TR POOR INTER-FOSS POR, FR RING CUT IP, NO STRM CUT, FR OIL ODOR WET, NO ODOR DRY

LS- LT TN TN HD DNS IP TO V/ BRITT, RE-XLN MTRX ABDT EMBED FOSS FRGS THRU, V/ MICRO OOL IP, SLI TR OOLCAST IPSFT WHT CHLK EMBED IP, DLL YEL FLO THRU, PR FR TO GD VIS INTER-FOSS POR AND SCATTERED VUG POR IP, PR OOLICAST POR, NO VIS CUT OR SHOW

STARK 4364' MD 4336' TVD -1409'

SH- DK GY -FRM BLKY GRAINY TXT SLICAL TO TR BLK CARB

LS- OFF WHT CRM BFF- HD TO BRITT, SFT IP, V/ SUCRO S-CHLKY TO CHLKY MTRX, LT YEL MIN FLO, NO VIS SHOW OR CUT

SH- MED TO DK GY-FRM BLKY SMOOTH TXT, CALC IP

LS- CRM LT GY GY-HD DNS FN-XLN TO SUCRO IP SCATTERED EMBED DISS GY SH THRU, DLL YEL MIN FLO, NO VIS SHOW OR CUT

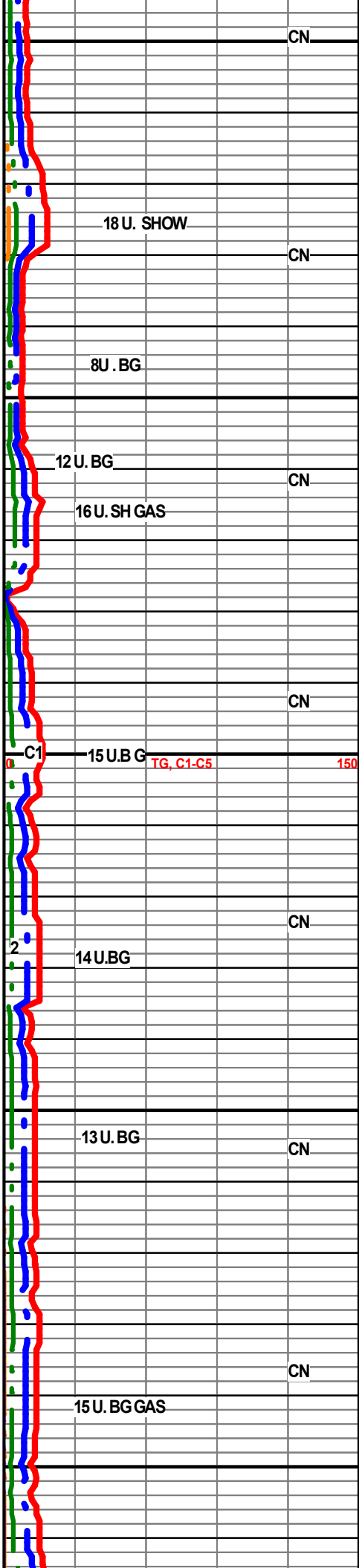
LS- CRM TN- HD DNS V/ TT SUCRO TO FN-XLN W/ TR EMBED CALC XLS IP, LT YEL MIN FLO, NO VIS POR, NO VIS CUT

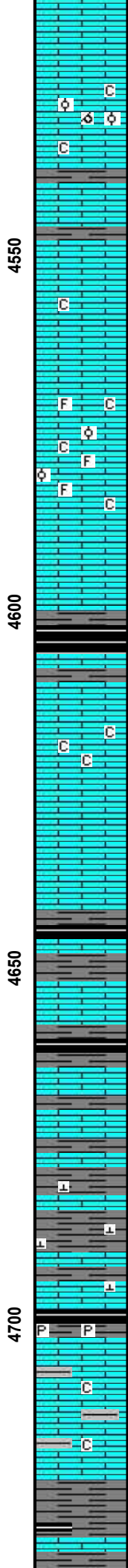
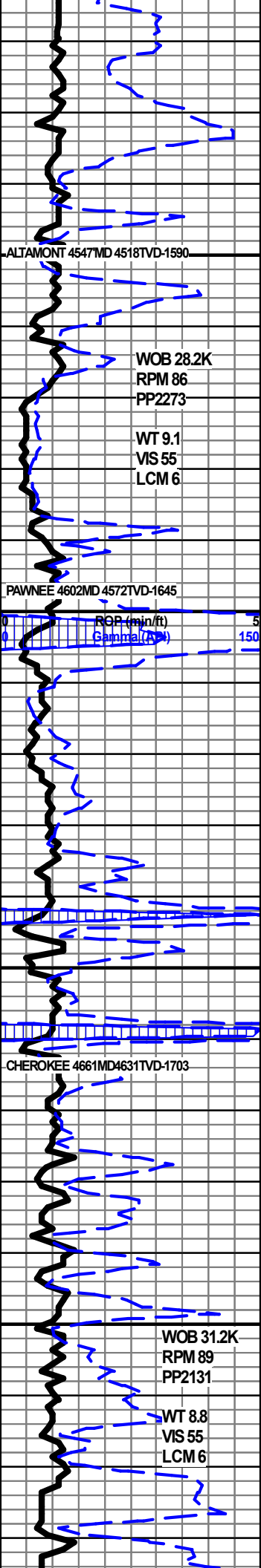
SH- LT TO MED GY-FRM BLKY CALC IP

LS- OFF WHT WHT CRM - HD BRITT IP V/ SUCRO S-CHLKY MTRX, FREE SFT WHT CHLK IP, SLI TR FOSS FRGS, LT BRIT YEL MIN FLO IP, NO VIS POR, NO VIS SHOW

SH-LT GY TO GREENISH GY-FRM BLKY GRAINY TXT, V/ CALC

MARMATON 4511' MD 4483' TVD -1556'





LS- OFF WHT CRM TN BRN DUE TO SCATTERED OIL STN, CRS SUCRO MTRX, S-CHLKY IP, OCL IP, SLI TR MICRO OOLICAST, BRIT YEL GLD FLO IN 30%, DLL YEL FLO IN 70% PR TO FR VIS INT-XLN POR SCAT THRU, TR OOLICAST POR IP, FLUSH CUT IN 30% FR SLO STRM CUT IN 50%, GD OIL ODOR WET AND DRY

ALTAMONT 4548' MD 4520'TVD -1593'

LS- CRM LT TN TN - HD DNS TO BRITT, F-XLN RE-XLN IP SLI CHLKY , TR FREE SFT CHLK IP, LT BRIT YEL MIN FLO, NO VIS POR, NO VIS SHOW OR CUT

LS- OFF WHT CRM LT TN - HD BRITT, V/ SUCRO S-CHLKY, EMBD FOSS FRGS, SCAT MICRO OOL, ABDT FREE SFT CHLK IP, LT YEL MIN FLO THUR, NO VIS POR, NOVIS SHOW

PAWNEE 4602' MD 4578' TVD -1651'

SH- BLK CARB

LS- WHT OFF WHT CRM V/ FRM TO SFT CHLKY MTRX SLI TR SUCRO S-CHLKY IP, DLL YEL MIN FLO, NO VIS POR, NO VIS SHOW

SH- BLK SFT CARB

CHEROKEE 4659' MD 4631' TVD -1704'

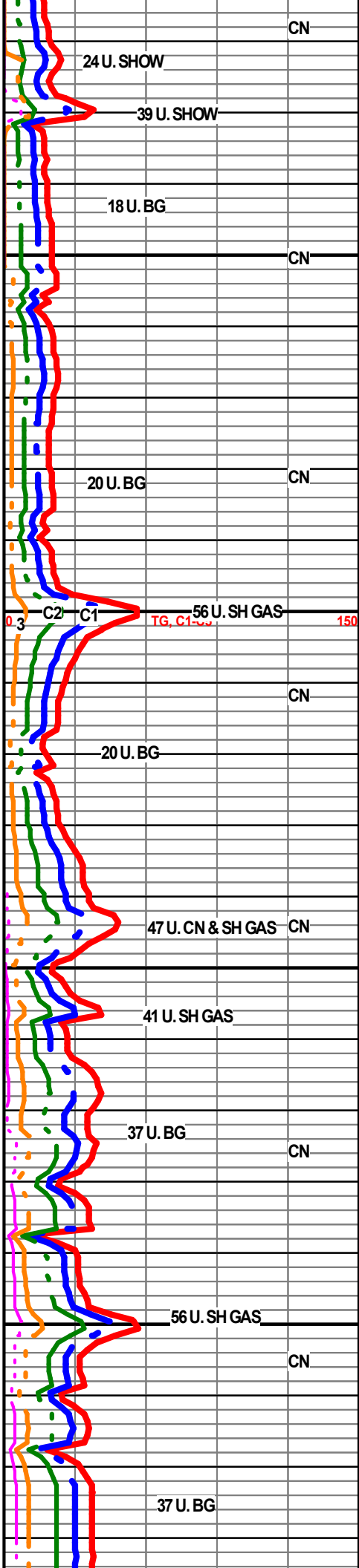
SH- BLK CARB

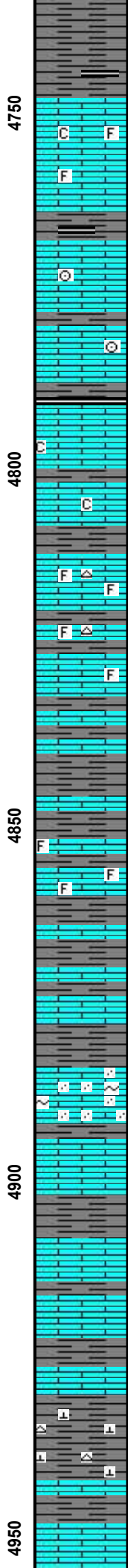
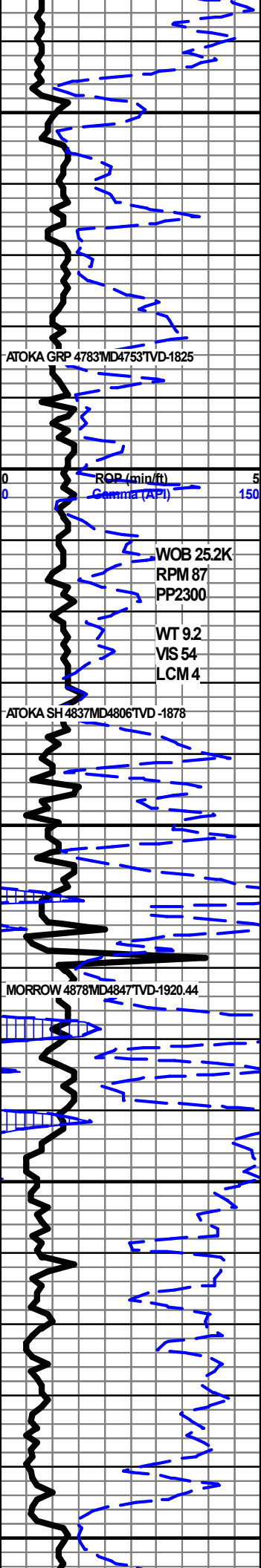
LS- LT TN TN LT GY- HD DNS MOTT, FN-V/FN-XLN, SLI RE-XLN IP EMBD GY SH IP, DLL YEL FLO THRU, NO VIS POR, NO VIS SHOW

SH- MED TO DK GY- FRM BLKY V/ CALC TO LMY IP

SH- BLK SFT CARB TO V/ DK GY W/ FNLY DISS PYR THRU

LS- CRM LT TN LTG Y- HD DNS TO BRITT, SUCRO TO FN-XLN IP, HVY TR S-CHLKY IP, TR EMBD LT GY SH IP, DLL YEL MIN FLO , NO VIS POR, NO VIS SHOW





SH- MED TO V/DK GY IPSFT GRAINYTXT W/BLK SFT CARB SCATTERED THRU

LS- CRM LT TN TN - HD DNS FN-V/F-XLN S-SUCRO IP TR EMBD FOSS FRGS IP, SLI TR WHT CHLK IP, DLL YEL TOLT YEL MN FLO SCATTERED THRU, NO VIS POR, NO VIS SHOW OR CUT

SH- DK GY TO BLK SFT CARB IPV/ CALC

LS- LT TN TN GY IP, HD DNS FN V/FN TOCRYPTO-XLN IP, TR EMBD DK GY SH IP, TR CRIN STEMS EMBD IP, LT YEL MIN FLO IP, NO VIS SHOW

SH- BLK SFT CARB

LS- CRM LT TN OFF WHT- HD DNS IPTO BRITT, FN-XLN TO SUCRO SLIS-CHLKY IP, DLL YEL FLO IP, NO VIS SHOW

LS- CRM LT TN TN - HD DNS TO BRITT, FN-XLN TO V/TT SUCRO MTRX IP, EMBD FOSS FRGS TR TRANLCNT BLACK CHERT, DLL YEL MIN FLO, NO VIS SHOW

SH & LS INTERBEDS- GY DK GY TR BLK SFT GRAINYTXT , V/ CALC TO LMY, FN TO CRYPTO-XLN LS IP, NO FLO NO VIS POR, NO VIS SHOW

LS- CRM TN LT GY- HD DNS V/FN TOCRYPO-XLN RE-XLN , EMBD FOSS FRGS THRU, W/ LAMINATED MED TO DK GY SH IP, DLL YEL MIN FLO IP, NO VIS SHOW OR CUT

LS- CRM LT GY GY- HD DNS TO BRITT, V/TT SUCRO TO FN-XLN LAMINATED AND DISS SHALES THRU, DLL YEL MIN FLO, NO VIS POR, NO VIS SHOW

MORROW 4878'MD 4848.56 TVD -1921'

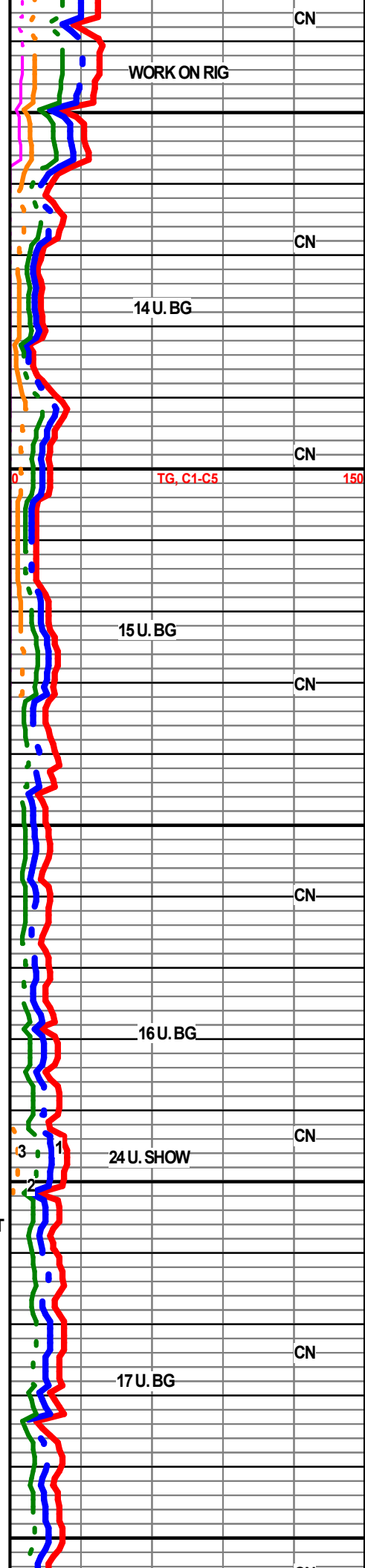
LS- TN DK TAN BRN- HD DNS V/F-XLN TO TT SUCROMTRX, EMBD FN LM GRAINS AND SCATTERED EMBD FN S-ANG TAN QURTZ GRAINS IP, TR GLAUC & OR CHLORITE, NO FLO, NO VIS POR, NO VIS SHOW

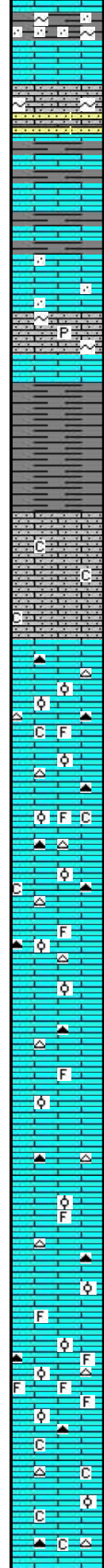
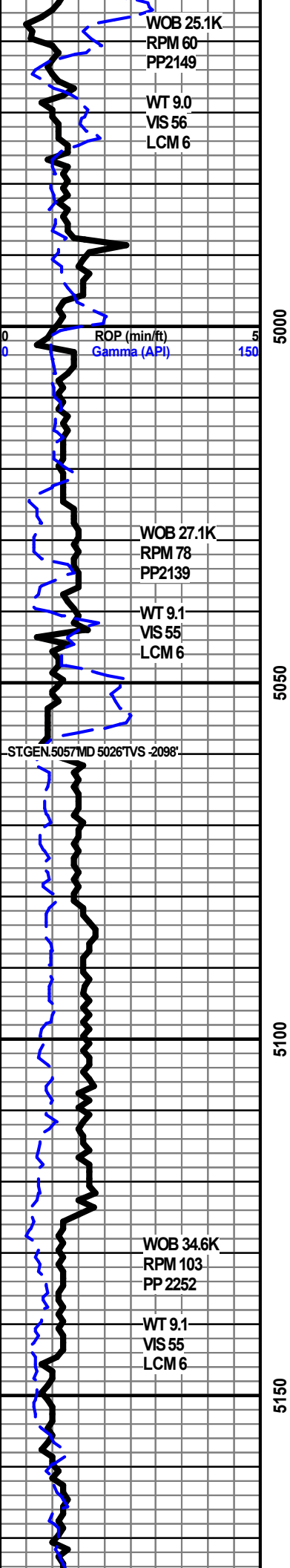
LS- LT TN TN W/LIGHT OIL STAIN ,COARSE SUCROMTRX W/ SMLL LM GRAINS EMBD, MED CALC XLS ON ONE FACES AND TRACE LARGE FREE CALC XLS W/LIGHT OIL STAIN, BRIT YEL GLD FLO TO SPOTTED DLL YEL FLO IP, LIGHT FLSH CUT IP TO FR SLOW STRM CUT IN 50%, NO ODOR

TAN BRN DK GY IP MOTT, HD DNS F-XLN , EMBD DISSAND LAMINATED DK GRY SH IP, TO ARG IP, NO FLO, NO VIS PR, NO VIS SHOW OR CUT

SH- DK GY TO BLK- FRM BLKYGRAINYTXT V/ CALC TO TR LMY, IMBD WHT CHERT IP

SH- LT GRY TO DK GREEN SFT MOTT, V/ GRAINYTXT, IMBD V/F-GRN QURTZ, V/ GLAUC & OR CHLORITE IMBD THRU





4965-4971- LS - CRM TN BRN DUE TO LV OIL STN AND ABDT DOS IN 60% , HD DNS IP TO V/ BRITT, COARSE SUCRO, EMBD FNANG LIME GRAINS & ABDT EMBD FN CLEAR S-ANG QURTZ GRAINS THRU, TR GLAUC, GRADING TO SS V/ CALC CMNT W/ FN CLR QURTZ GRAINS, FR SRT,ABDT DOS AND ASPHLT STN ,DLL YEL GLD THRU W/ SPTTD BRIT YEL GLD FLO IN 30% , ABDT LIVE OIL STN IN 60% , SCATTERD DOS IN 50% , V/PR VIS INTER-GRAN POR IN 20% , EXCEL INST FLSH CUT THRU, EXCEL SLOW STRM MILKY BLU CUT IN 80% , NO ODOR WET OR DRY

LS- CRM LT TN DK GY IP- HD DNS F-XLN TO TT SUCRO IP, S-CHLKY IP,W/ TR OF SH EMBD IP, SLI TR FN QURTZ GRAINS EMBD IP, LT YEL MIN FLO , NOVIS POR, NO VIS SHOW

4998-5003' LS- LT TN TN - HD V/ BRITT, MED GRN, ABDT EMBD SMLL TO MEDANG LIME GRAINS AND SMLL S- RND CLR QURTZ GRAINS THRU, SLI TR GLAUC, SLI TR DISS PYR IP, V/DLL YEL MIN FLO IP, NO VIS POR, NO CUT

SH- LT GY - SMOOTH TXT FRM TO SFT IP

ST. GEN 5025' MD 4993' TVD -2066'

LS- OF WHT WHT - HD BROTT V/ SUCRO MTRX S-CHLKY IP ABDT EMBD VV/FN GRN QURTZ , NO FLO, NO VIS POR, NO VIS SHOW

ST.LOUIS 5044' MD 5012.80 TVD -2085'

LS- CRM LT TN OF WHT HD DNS TO BRIT F-XLN RE-XLN MTRX EMBD SMLL OOL AND EMBD FOSS FRGS, TR FREE MED OOLITES, ABDT WHT & LT ORNG CHERT, SLI S-CHLKY IP, LT YEL MIN FLO, NO VIS POR, NO VIS SHOW OR CUT

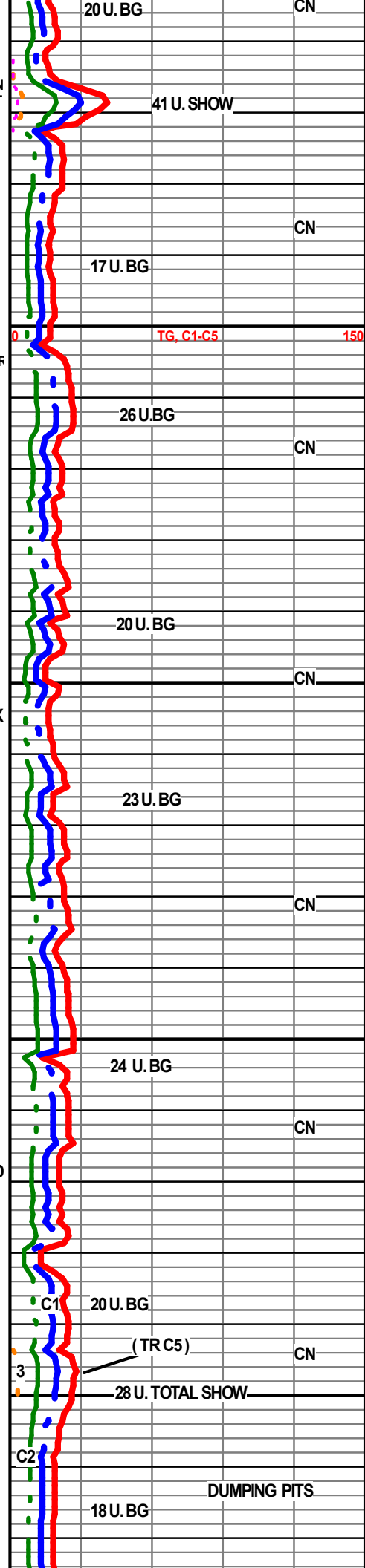
LS- CRM LT TN OF WHT HD BRITT MD-XLN RE-XLN MTRX ,EMBD SMLL OOL, EMBD FOSS FRGS, ABDT WHT & LT ORANGE CHERT, LT YEL MIN FLO, NO VIS POR, NO VIS SHOW OR CUT

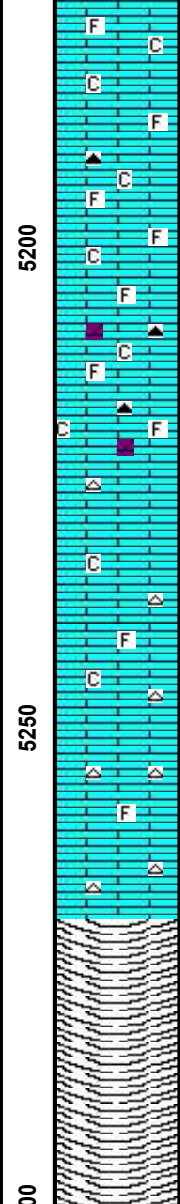
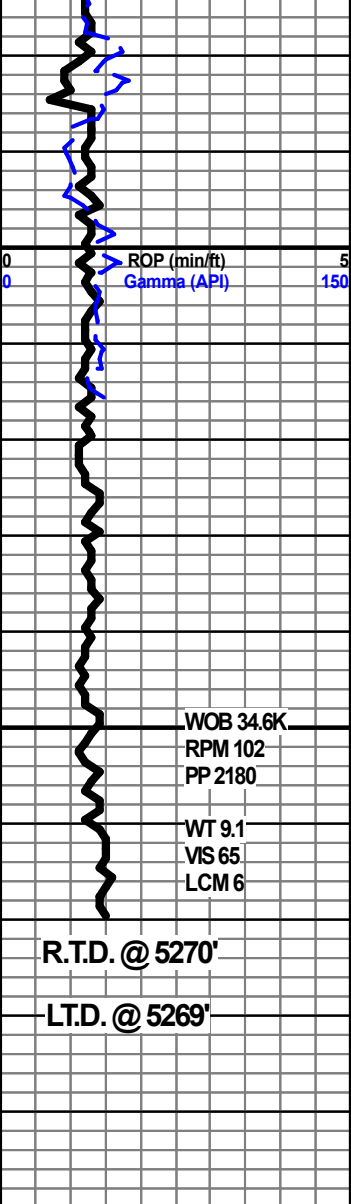
LS- CRM LT TN TN - HD BRITT MED-XLN RE-XLN MTRX, EMBD FOSS FRGS THRU ,SMLL OOLITES IP, ABDT ORANGE CLEAR CHERT, LT BRIT YEL MIN FLO IP, NO VIS POR NO VIS SHOW

NOTE: ABDNT UPHOLE CAVINGS IN SAMPLES

5145-5151' LS- CRM LT TN TN LT BRN DUE TO OIL STN (TR LIVE OIL IN 2 ROCKS), HD V/ BRITT MED-XLN RE-XLN MTRX, ABDT IMBD FOSS FRGS , SMLL OOLIP, ORANGE WHT CHERT, BRIT YEL GLD FLO IN 70% , PR TO FR VS INTER-FOSS & INTER-XLN POR, TR FREE CRIN STEMS, FR FLSH CUT IN 30 % , FR TO GD SLO STRM CUT IN 50% , GD OIL ODOR WET AND DRY

LS-WHT OFF WHT CRM HD IP TO SFT MED-XLN , RE-XLN IP, EMBD FOSS FRGS SCATT THRU, ABDT SFT WHT CHLK EMBD AND FREE, SMLL OOL IP , LT ORANGE AND WHT CHERT, LT YEL MIN FLO IP, NO VIS POR, NO VIS SHOW





LS- OFF WHT CRM TN IP, HD BRIT, MED-XLN RE-XLN MTRX, EMBED FOSS FRGS IP,ABDT SFT WHT CHLK EMBED IP AND FREE, SLI TR LT ORANGE CHERT, DLL YEL MIN FLO IP,NO VIS POR, NO VIS SHOW

LS- TN LT BRN- HD DNS F-VF-XLN , DOLO IP TO MED -XLN W/ EMBED FOSS FRGS IP,ABDT FRM TO SFT WHT CHLK IP, FRSTY TAN CHERT IP, DLL YEL MIN FLO TO TR BRIT YEL MIN FLO IP, NO VIS POR, NO VIS SHOW

LS- LT TN TN - HD DNS CRYPTO-VF-XLN, TR SUCROS-CHLKY IP, TR FOSS FRGS IP, ABDT WHT FRSTY CHERT, NO FLO, NO VIS POR, NO VIS SHOW

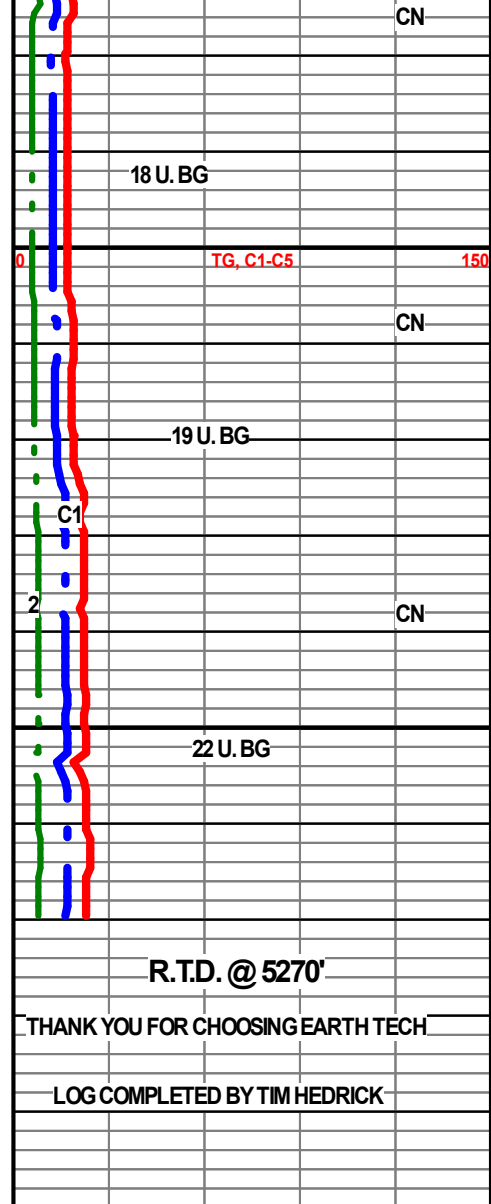
R.T.D.@4:05 PM 02/20/2020

CFS/WIPER TRIP

CTCH/TOFL

LOGGERS / STEP

FINISH LOGGING 3:05 AM 02/21-2020



QUASAR ENERGY SERVICES, INC.

3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2c

2/17/20

CEMENTING JOB LOG



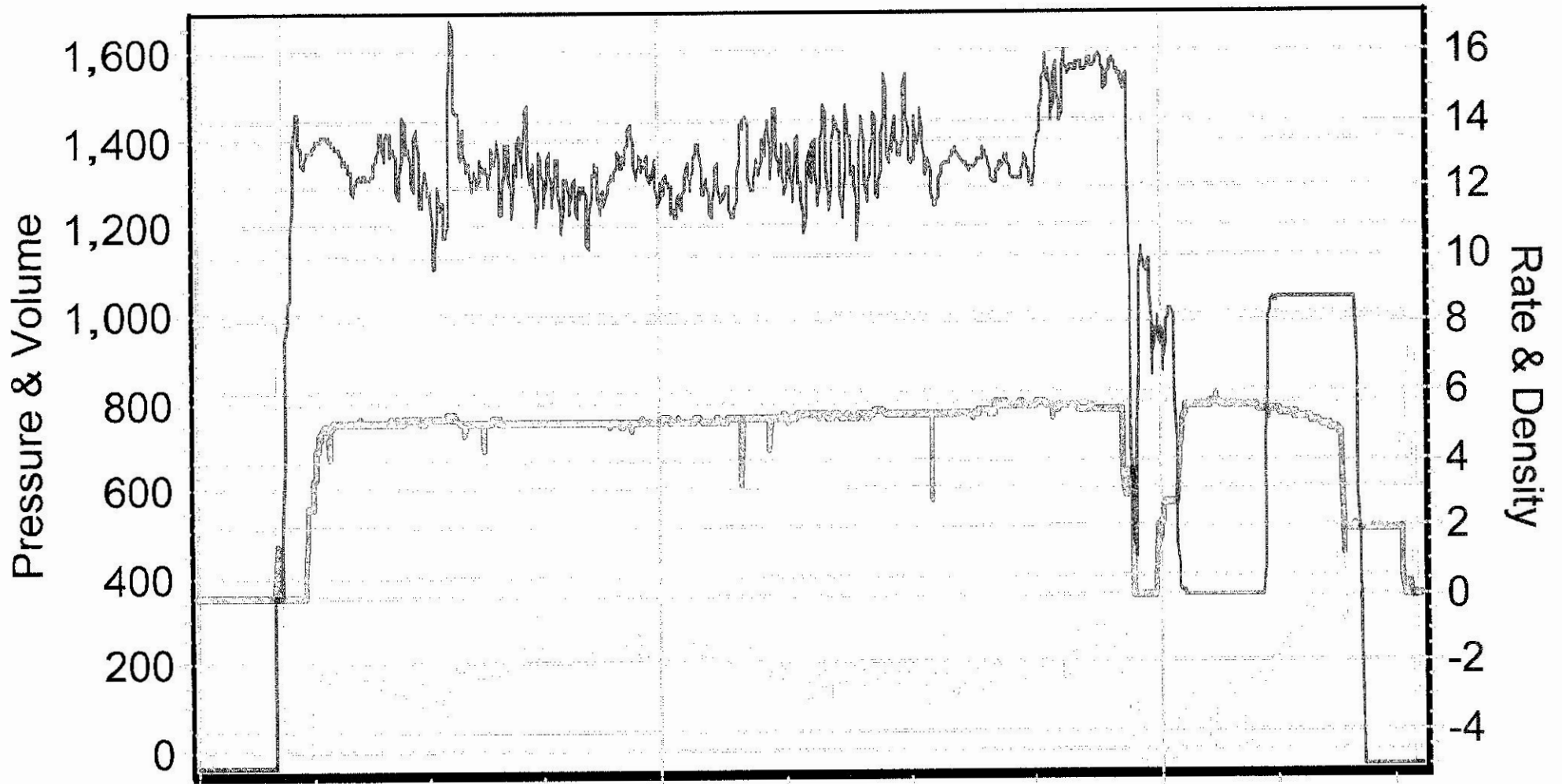
CEMENTING JOB LOG

Company: MERIT ENERGY				Well Name: DRUSSEL A-11			
Type Job: Cement- Surface				AFE #: 0			
CASING DATA							
Size: 8 5/8		Grade: j-55		Weight: 24			
Casing Depths		Top: 0		Bottom: 0			
Drill Pipe:		Size: 0		Weight: 0			
Tubing:		Size: 0		Weight: 0		Grade: 0 TD (ft): 1789'	
Open Hole:		Size: 12 1/4		T.D. (ft): 1789'			
Perforations		From (ft): 0		To: 0		Packer Depth(ft): 0	
CEMENT DATA							
Spacer Type:							
Amt.		Sks Yield		ft ³ /sk		Density (PPG)	
LEAD: CLASS C 3%CaCl, 2%METSOLITE, 2%GYPSUM, 1/2#POLYFLAKE						Excess	
Amt.	555	Sks Yield	2.44	ft ³ /sk		Density (PPG)	12.1
TAIL: CLASS C 2%CaCl, 1/2# POLYFLAKE						Excess	
Amt.	165	Sks Yield	1.34	ft ³ /sk		Density (PPG)	14.8
WATER:							
Lead:		gals/sk:		Tail:		gals/sk:	Total (bbls):
Pump Trucks Used:				210-DP11			
Bulk Equipment:				228 660-23 / 229 660-24			
Disp. Fluid Type:		FRESH		Amt. (Bbls.)		Weight (PPG):	
				111.1		8.33	
Mud Type:				Weight (PPG):			
COMPANY REPRESENTATIVE:				RODNEY		CEMENTER: 0	
TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS	
	AM/PM	Casing	Tubing	ANNULUS	TOTAL		
06:00							ON LOC, SAFTEY MTG, R.U.
08:12	1800						TEST LINES
08:14	172					5	START MIXING LEAD@12.1#
09:33	230				241	5.2	ON TAIL@14.8#
09:43					39.5		SHUT DOWN, DROP PLUG
09:44						5	START DISPLACEMENT, WASHUP
10:04	330				95	2	SLOW RATE
10:11	450-920				111		PLUG DOWN
10:13							RELEASE PSI, FLOAT HELD
							JOB COMPLETE
							THANK YOU FOR YOUR BUSINESS!!!

(90 BBLs to pit)

MERIT ENERGY DRUSSEL A-11 8 5/8

Pressure 1 — Total Rate — Density



2/17/2020 8:03:39 AM 2/17/2020 8:52:02 AM 2/17/2020 9:44:48 AM

QUASAR ENERGY SERVICES, INC.

3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2c

2/17/20

CEMENTING JOB LOG

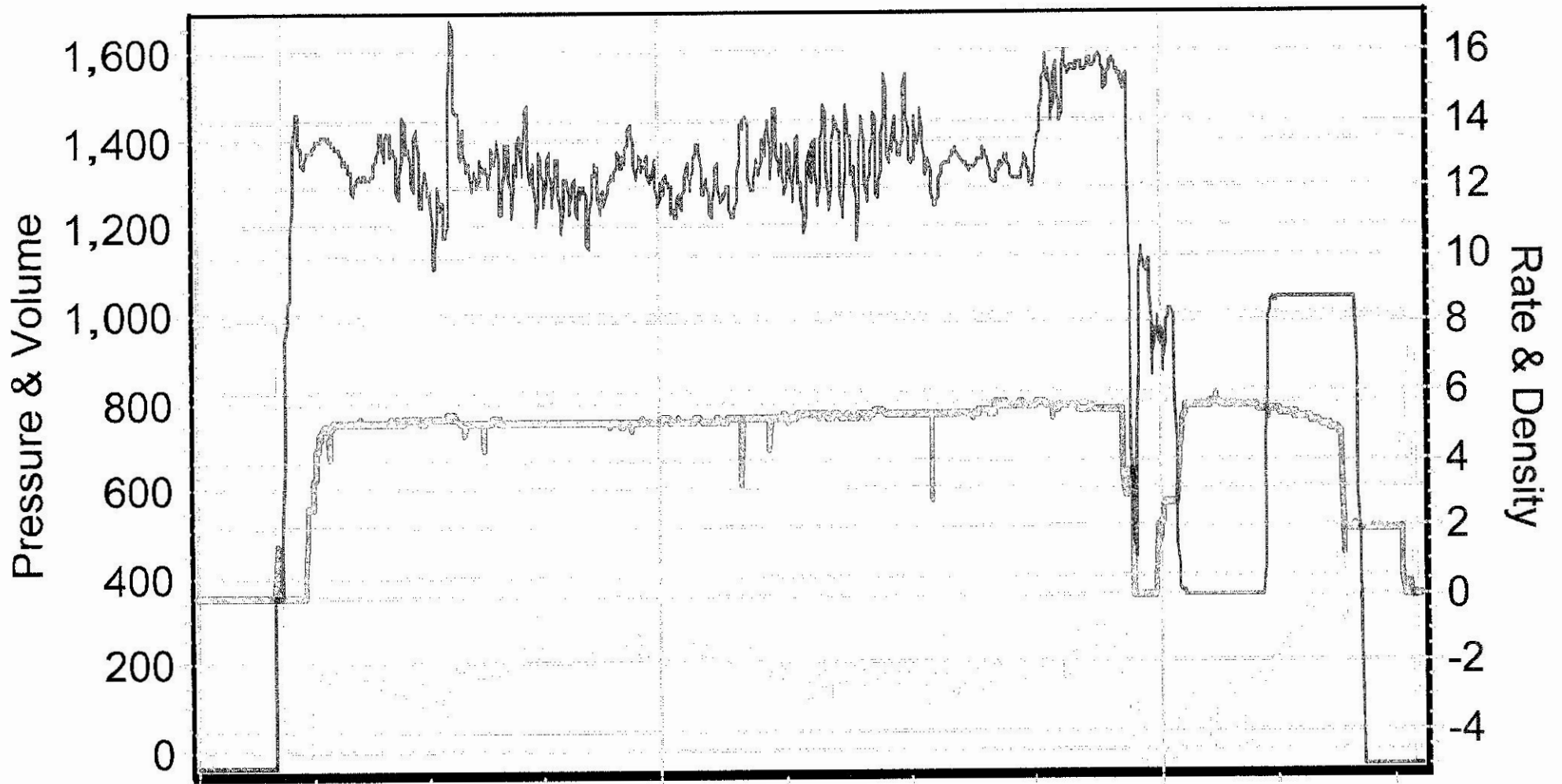


CEMENTING JOB LOG

Company: MERIT ENERGY		Well Name: DRUSSEL A-11				
Type Job: Cement- Surface		AFE #: 0				
CASING DATA						
Size:	8 5/8	Grade:	j-55	Weight:	24	
Casing Depths	Top: 0	Bottom:	0			
Drill Pipe:	Size: 0	Weight:	0			
Tubing:	Size: 0	Weight:	0	Grade: 0	TD (ft): 1789'	
Open Hole:	Size: 12 1/4	T.D. (ft):	1789'			
Perforations	From (ft): 0	To: 0	Packer Depth(ft):	0		
CEMENT DATA						
Spacer Type:						
Amt.	Sks Yield		ft ³ /sk	Density (PPG)		
LEAD:	CLASS C 3%CaCl, 2%METSOLITE, 2%GYPSUM, 1/2#POLYFLAKE				Excess	
Amt.	555	Sks Yield	2.44	ft ³ /sk	Density (PPG) 12.1	
TAIL:	CLASS C 2%CaCl, 1/2# POLYFLAKE				Excess	
Amt.	165	Sks Yield	1.34	ft ³ /sk	Density (PPG) 14.8	
WATER:						
Lead:	gals/sk:	Tail:	gals/sk:	Total (bbls):		
Pump Trucks Used:	210-DP11					
Bulk Equipment:	228 660-23 / 229 660-24					
Disp. Fluid Type:	FRESH	Amt. (Bbls.)	111.1	Weight (PPG):	8.33	
Mud Type:				Weight (PPG):		
COMPANY REPRESENTATIVE: RODNEY		CEMENTER: 0				
TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
AM/PM	Casing	Tubing	ANNULUS	TOTAL	RATE	
06:00						ON LOC, SAFTEY MTG, R.U.
08:12	1800					TEST LINES
08:14	172				5	START MIXING LEAD@12.1#
09:33	230			241	5.2	ON TAIL@14.8#
09:43				39.5		SHUT DOWN, DROP PLUG
09:44					5	START DISPLACEMENT, WASHUP
10:04	330			95	2	SLOW RATE
10:11	450-920			111		PLUG DOWN
10:13						RELEASE PSI, FLOAT HELD
						JOB COMPLETE
						THANK YOU FOR YOUR BUSINESS!!!
						(90 BBLs to pit)

MERIT ENERGY DRUSSEL A-11 8 5/8

Pressure 1 — Total Rate — Density



2/17/2020 8:03:39 AM 2/17/2020 8:52:02 AM 2/17/2020 9:44:48 AM