

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) (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	Presley Operating LLC
Well Name	VICTORIA 1-16
Doc ID	1432459

All Electric Logs Run

Compact Photo Density
Dual Spaced Neutron
Array Induction
Borehole Compensated Sonic
Micro Resistivity
Borehole Navigation
Cement Bond Log
Radial Cement Bond Log

Form	ACO1 - Well Completion
Operator	Presley Operating LLC
Well Name	VICTORIA 1-16
Doc ID	1432459

Tops

Name	Top	Datum
Arbuckle	3282	MD
Mississippi Chat	2897	MD
U. Skinner	2706	MD
Peru	2540	MD
Layton E	2199	MD
Layton D	2078	MD
Layton C	2032	MD
Layton B	2015	MD
Layton	1985	MD
Perry Gas Sand	1740	MD
Lovell	1220	MD
Hoover	961	MD



GEOLOGICAL SUMMARY
Victoria #1-16
C W/2 W/2 Section 16-T35S-R7E

The Victoria #1-16 was drilled by Presley Operating Company to a total depth of 3540' in the Arbuckle, on September 3, 2018. The Victoria #1-16 is situated on the east flank of the Falls City Field (cum production approximately 1,500,000 BO, estimated 15 BCFG). The majority of the oil production came from the Layton and the gas production came from the Stalnaker. Secondary zones that also contributed oil production include Lower Layton, Peru, Oswego, Skinner and Mississippi Lime.

The Victoria #1-16 location was chosen because 3-D seismic indicated it was on a structural high in the Arbuckle. The top of the Arbuckle was encountered at 3290' (-2098') which is 25' high to the nearest well that penetrated the Arbuckle, Lawco Exploration's Fulsom #1-8, located approximately one mile north-northwest in Section 8-35S-7E. The Woodford Shale which is normally present on top of the Arbuckle was absent due to it being eroded from the structural high.

Based upon evaluation of open-hole logs and hydrocarbon shows encountered while drilling, a decision was made to run 5-1/2" production casing in order to test the following zones:

Formation	Recommended Perfs	Crossplot Porosity	Rt	Sw (%)	Formation Gas (units)	Background Gas (units)
Arbuckle	3282' - 3304'	5%	20	89	45	25
L. Mississippi	3194' - 3198'	6%	22	71	30	25
Miss. Chat	2934' - 2946'	19%	7	40	176	21
Miss. Chat	2897' - 2902'	23%	5	39	651	15
U. Skinner	2706' - 2715'	18%	4	55	628	45
Peru	2540' - 2546'	15%	2.5	84	75	30
Layton 'E'	2199' - 2208'	14%	4	71	378	37
Layton 'C'	2032' - 2040'	20%	2	70	590	30
Layton 'A'	1992' - 1999'	13% to 18%	10	48	339	7
Stalnaker	1488' - 1500'	18%	2	78	24	10
Lovell	1232' - 1240'	17%	12	34	10	10
Hoover 'B'	1006' - 1010'	20%	2.5	63	10	10
Hoover 'A'	962' - 968'	19%	6	42	13	10

Zones to be tested:

Arbuckle (3282'-3304') – Dolomite, off-white to white some lt. smoky gray, chalky to sub-chalky, moderately firm to firm, fine to med. crystalline, poor inter-crystalline porosity, very dull weak yellow fluorescence, slow blue weak milky cut, very thin flash residual ring, 45 unit gas show.



L. Mississippi (3194'-3198') – Siliceous limestone, white to off-white, smoky gray, firm to hard, fine to med. fine crystalline, trace of healed fracture porosity, weak yellow fluorescence, blue milky cut, very thin flash residual ring, 20 unit gas show.

Upper Mississippi Chert Zones (2934'-2946' and 2897'-2902') – Microcrystalline, siliceous zone with excellent porosity (19 to 23%). Upper zone had 651 unit gas show. Lower zone had 176 unit gas show.

U. Skinner Sand (2706'-2715') – Nearly 10' of net sand with 16 to 17% porosity, good microlog permeability, 628 unit gas show. This zone produced over 42 MBO in offset well.

Peru (2540'-2546') – Sandy limestone, 15 to 16% porosity, good microlog perm. Possible 2' to 3' pay on top of water.

Layton "E" Sand (2199'-2208') – Possible 12' to 13' of pay, 14% porosity, good perm, maximum 378 unit gas show.

Layton "C" Sand (2034'-2040') – Sandstone, off-white to white with some light smoky gray, scattered bright yellow fluorescence, very slow blue weak cut, heavy petroleum odor, 20% porosity, 590 unit gas show.

Layton 'A' Sand (1992'-1999') – Sandstone, 13 to 19% porosity, good microlog perm, 339 unit gas show.

Stalnaker Sand (1488'-1500') – Sandstone, 18 to 19% crossplot porosity, good gas effect, good perm, proven gas pay zone in the area.

Lovell (1232'-1240') – Sandstone, 16 to 17% porosity, no shows.

Hoover 'B' Sand (1006'-1010') – Sandstone, 20% porosity, good microlog perm.

Hoover 'A' Sand (961'-968') – Sandstone, 19 to 20% porosity, good gas effect on logs.

Most likely the best chances for establishing commercial oil production will be in the Mississippi Chat (2897'-2902') and the Mississippi HPZ (high porosity zone @ 2934'-2946'). The Mississippi Chat was encountered at a subsea depth of -1704 which is approximately 40' high to the Olsen #2, a Miss. Chat producer. Secondary zones which had very good oil & gas shows include Upper Skinner Sand (2706'-2715'), Lower Layton 'E' (2200'-2208'), Layton 'C' (2034'-2040'), and Layton 'A' (1992'-1999'). In total there are 13 zones that will be tested.

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



Cement or Acid Field Report
 Ticket No. **4115**
 Foreman Kevin McCoy
 Camp EUREKA

API #15-035-24692

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
8-29-18	1289	VICTORIA 1-16	16	35S	7E	Cowley	Ks	
Customer <u>Presley Operating LLC</u>			Safety Meeting <u>KM DG JH</u>		Unit # <u>105</u>	Driver <u>DAVE G.</u>	Unit #	Driver
Mailing Address <u>101 PARK AVE STE 670</u>					<u>113</u>	<u>JASON H.</u>		
City <u>OKLAHOMA CITY</u>		State <u>OK</u>	Zip Code <u>73102</u>					

Job Type SURFACE Hole Depth 345' KB Slurry Vol. 46 BBL Tubing _____
 Casing Depth 334' KB Hole Size 12 1/4 Slurry Wt. 15.2* Drill Pipe _____
 Casing Size & Wt. 8 5/8 24* Cement Left in Casing 44' Water Gal/SK _____ Other _____
 Displacement 18.7 BBL Displacement PSI 150 Bump Plug to 350 PSI BPM _____

Remarks: Safety Meeting: Rig up to 8 5/8 casing. BREAK CIRCULATION w/ 15 BBL Fresh water. Mixed 185 SKS CLASS "A" Cement w/ 3% CaCl2, 2% GeL 1/4" #10 SEAL/SK @ 15.2*/GAL = 46 BBL Slurry. Shut down, Release Plug. Displace Plug to Seat w/ 18.7 BBL Fresh water. FINAL Pumping Pressure 150 PSI. Bump Plug to 350 PSI. Release Pressure. FLOAT Held. Shut in @ 0 PSI. Cement in Cellar. Job Complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 101	1	Pump Charge	890.00	890.00
C 107	80	Mileage	4.20	336.00
C 200	185 SKS	CLASS "A" Cement	15.75	2913.75
C 205	520 *	CaCl2	.63	327.60
C 206	350 *	GeL	.21	73.50
C 209	46 *	F10 SEAL	2.35	108.10
C 108 B	8.70 TONS	TON Mileage 80 miles	1.40	974.40
C 413	1	8 5/8 Wooden Plug	84.00	84.00
			Sub Total	5707.35
			Less 5%	296.77
			Sales Tax 6.5%	227.95
Authorization <u>[Signature]</u> Title _____ Total				5638.53

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

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



Cement or Acid Field Report
 Ticket No. **4119**
 Foreman Kevin McCoy
 Camp EUREKA

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
9-4-18	1289	VICTORIA 1-16	16	35 S	7E	Cowley	Ks
Customer <u>Presley Operating LLC</u>			Safety Meeting KM DG JH	Unit # 105	Driver DAVE G.	Unit #	Driver
Mailing Address <u>101 PARK AVE STE 670</u>				113	JASON H.		
City <u>OKLAHOMA CITY</u>	State <u>OK</u>	Zip Code <u>73102</u>					

Job Type Longstring Hole Depth 3540' KB Slurry Vol. 58 BBL Tubing _____
 Casing Depth 3416' KB Hole Size 7 7/8 Slurry Wt. 13.8# Drill Pipe _____
 Casing Size & Wt. 5 1/2 15.50# Cement Left in Casing 44.85 SJ Water Gal/SK 9.0 Other _____
 Displacement 82.3 BBL Displacement PSI 950 Bump Plug to 1450 PSI BPM _____

Remarks: Safety Meeting: 5 1/2" 15.50# casing set @ 3416' KB. 5 1/2" Port Collar set @ 1522' Below KB. Rig up to 5 1/2" casing. Set Basket shoe @ 1000 PSI. Pump 500 gals mud flush 10 BBL water spacer. Mixed 180 SKS THICK set cement w/ 2# Pheno Seal /SK @ 13.8# 19AL yield 1.80 = 58 BBL slurry. Wash out pump & lines. Shut down. Release plug. Displace plug to seat w/ 82.3 BBL fresh water. (First 40 BBL w/ KCL) FINAL pumping pressure 950 PSI. Bump plug to 1450 PSI. wait 2 mins. Release pressure. Flats held. Good circulation @ ALL times while cementing. Job complete. Rig down.

Centralizers on #1,3,5,7,9,11,13,15,17,19,41,43 BASKET on top of #11, Port Collar on top of #42

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1100.00	1100.00
C 107	80	Mileage	4.20	336.00
C 201	180 SKS	THICK Set Cement	20.50	3690.00
C 208	360 #	Pheno Seal 2 #/SK	1.30 #	468.00
C108 B	9.9 TONS	Ton Mileage 80 miles	1.40	1108.80
C 222	59 gals	KCL (IN FIRST 40 BBL Displacement water.)	30.00	150.00
C 226	500 gals	Mud Flush BH S22	.50	250.00
C 761	1	5 1/2 Type B BASKET shoe w/ float	1355.00	1355.00
C 671	1	5 1/2 Flapper Valve float collar	321.00	321.00
C 250	1	5 1/2 Port Collar	1800.00	1800.00
C 604	1	5 1/2 Cement BASKET	236.00	236.00
C 404	1	5 1/2 Top Rubber Plug	74.00	74.00
C 504	12	5 1/2 x 7 7/8 Centralizers	50.00	600.00
			Sub Total	11,488.80
			Less 5%	603.51
			Sales Tax 6.5%	581.36
Authorization <u>[Signature]</u> Title _____			Total	11,466.65

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

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



Cement or Acid Field Report

Ticket No. **4196**
 Foreman Kevin McCoy
 Camp EUREKA

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
10-24-18	1289	VICTORIA 1-16	16	35S	7E	Cowley	Ks
Customer <u>Presley Operating, LLC</u>			Unit #		Driver		State
Mailing Address <u>101 PARK AVE STE 670</u>			104		ALAN M.		
City <u>OKLAHOMA CITY</u>			110		CALEB G.		
State <u>OK</u>	Zip Code <u>73102</u>						
Safety Meeting <u>KM AM CG</u>							

Job Type PORT COLLAR Hole Depth 3540' KB Slurry Vol. 26.5 BBL Tubing 2 3/8 Euc
 Casing Depth 3416' KB Hole Size 7 7/8 Slurry Wt. 14.8 # Drill Pipe _____
 Casing Size & Wt. 5 1/2 15.50* Cement Left in Casing 0' Water Gal/SK 6.5 Other _____
 Displacement 5 BBL Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: SAFETY MEETING: PORT COLLAR @ 1523' Below K.B. RAN opening & Closing Tool w/ 2 3/8 Tubing = 1531'. Locate Port Collar. Rig up Squeeze MANIFOLD. Pressure Casing to 600 PSI. Holding @ 600 PSI. Open Port Collar. Establish injection rate @ 4 BPM @ 700 PSI w/ No Returns to SURFACE ON ANNULUS OF 5 1/2. Pump 12 BBL Fresh water, MIXED 110 SKS CLASS "A" Cement w/ 2% CaCl2, 2% Gel, 1* PhenoSeal /sk @ 14.8 #/gal, yield 1.35 = 26.5 BBL Slurry. Displace w/ 5 BBL Fresh water. Close Port Collar. (HAD Fluid Returns to SURFACE Last 2 BBL MIXING Cement & white Displacing). Pressure Casing to 600 PSI. Holding @ 600 PSI. Port Collar Closed. BACK wash w/ 10 BBL the short way. Shut down. RAN 2 STANDS (129') OF Tubing. BACK wash w/ 15 BBL Fresh water the short way. 5 1/2 ID CLEAN. PULL Tubing. Job Complete. Rig down. Note: while MIXING Cement Pressure 650 PSI - 1250 PSI

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 104	1	Pump Charge	1100.00	1100.00
C 107	80	Mileage	4.20	336.00
C 200	110 SKS	CLASS "A" Cement	15.75	1732.50
C 205	200 #	CaCl2 2%	.63 #	126.00
C 206	200 #	Gel 2%	.21 #	42.00
C 208	110 #	PhenoSeal 1#/sk	1.30 #	143.00
C 108.B	5.17 TONS	TON Mileage 80 miles	1.40	579.04
C 119	1	Squeeze MANIFOLD RENTAL	105.00	105.00
			Sub Total	4163.54
			Less 5%	215.16
			Sales Tax 6.5%	139.65
Authorization <u>[Signature]</u> Title _____			Total	4088.03

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

Comments

Presley Operating, LLC
 Wellsite Manager
 TRAVERS "BO" BOUGHBADLY

Dan D Drilling Co., Rig #2
 Lamont, Ok
 Toolpushers: Jeremy

MUD ENGINEER
 Gary Fleming
 Cody Mud Co.

MID CONTINENT WELL LOGGING, INC. ; NORMAN, OK
 MCWL TRAILER 18 / MCWL BOX: 1038IR
 LOGGERS: Andy Black
 Logging start: 8/30/2018

ROCK TYPES

	Sndylm
	Anhy
	Bent
	Brec
	Cht
	Clyst

	Coal
	Congl
	Dol
	Gyp
	Igne
	Lmst

	Meta
	Mrlst
	Salt
	Shale
	Shcol
	Shgy

	Ss
	Till
	Hotsh
	Sltst

ACCESSORIES

MINERAL	
	Anhy
	Arggrn
	Arg
	Bent
	Bit
	Brecfrag
	Calc
	Carb
	Chtdk
	Chtlt
	Dol
	Feldspar
	Ferrpel
	Ferr
	Glau
	Gyp
	Hvymin
	Kaol
	Marl

	Minxl
	Nodule
	Phos
	Pyr
	Salt
	Sandy
	Silt
	Sil
	Sulphur
	Tuff

FOSSIL	
	Algae
	Amph
	Belm
	Bioclst
	Brach
	Bryozoa
	Cephal
	Coral

	Crin
	Echin
	Fish
	Foram
	Fossil
	Gastro
	Oolite
	Ostra
	Pelec
	Pellet
	Pisolite
	Plant
	Strom










STRINGER	
	Anhy
	Arg
	Bent
	Coal
	Dol




	Gyp
	Ls
	Mrlst
	Ssstrg
	Sltstrg

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

OTHER SYMBOLS

POROSITY





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

-  New symbol
-  Sndylm
-  New symbol




SORTING

-  Well
-  Moderate
-  Poor

ROUNDING

-  Rounded
-  Subrnd
-  Subang
-  Angular

OIL SHOW

-  Even
-  Spotted
-  Ques

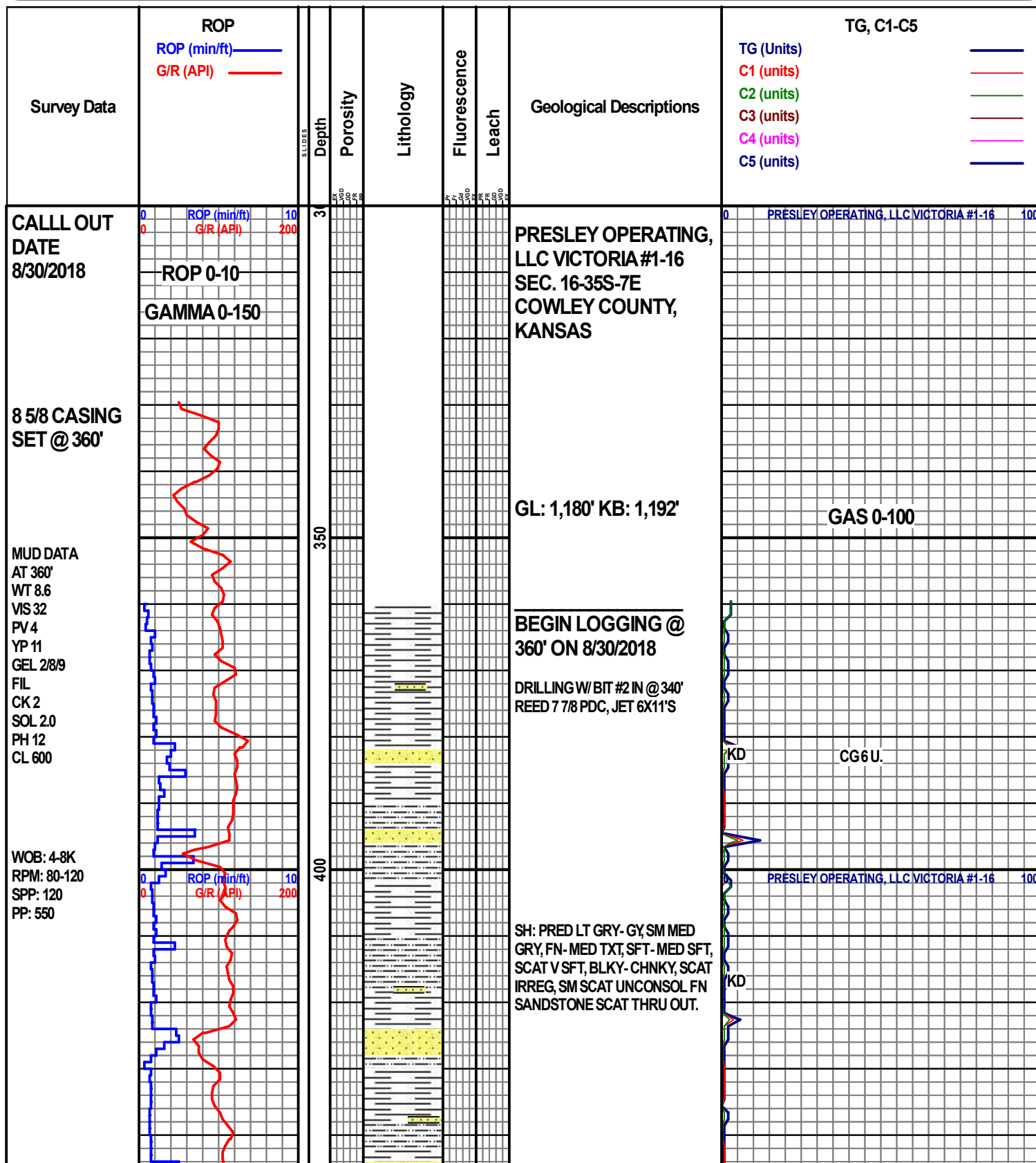
-  Dead

INTERVAL

-  Core
-  Dst

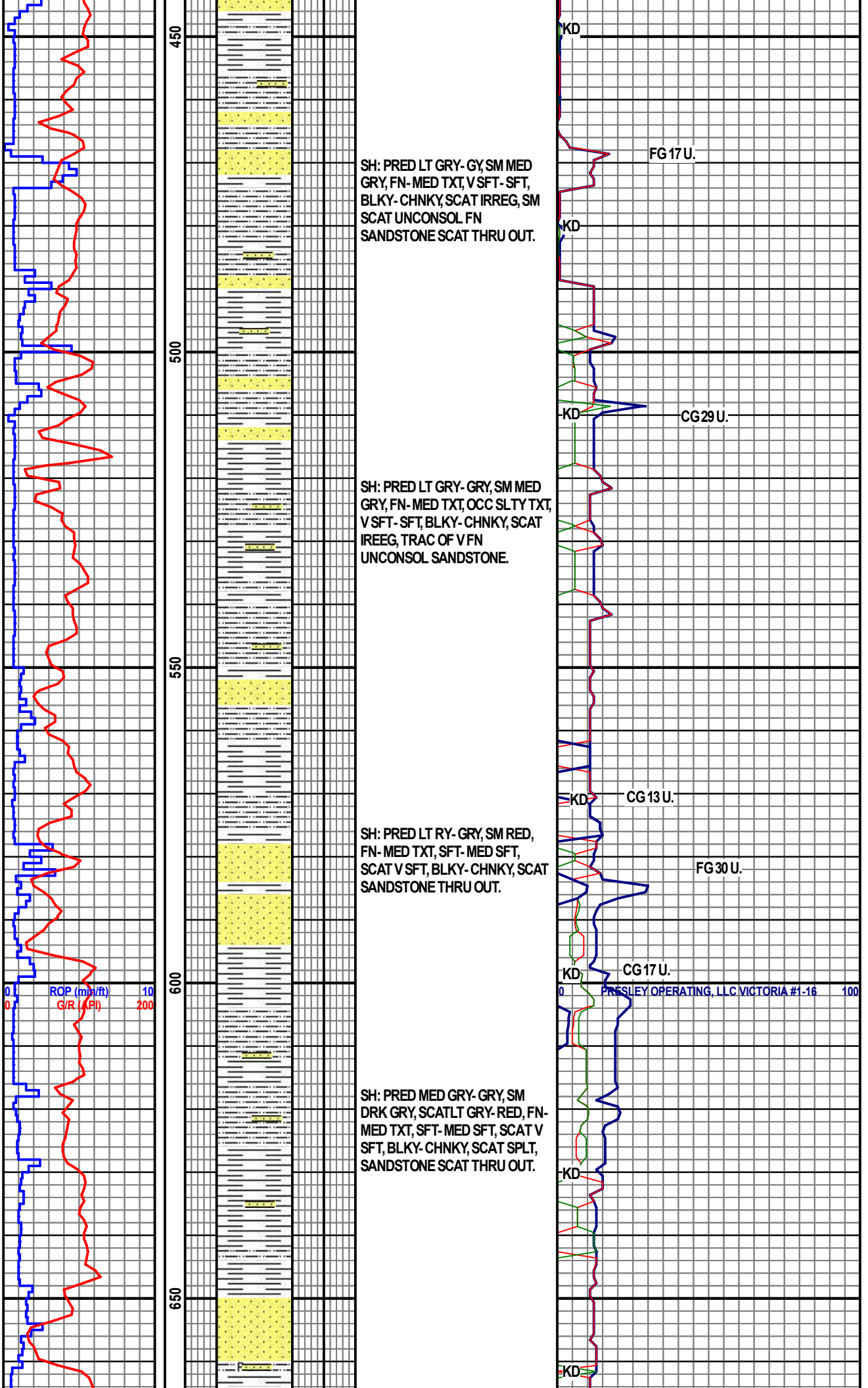
EVENT

-  Rft
-  Sidewall



MW: 8.8
VS: 35

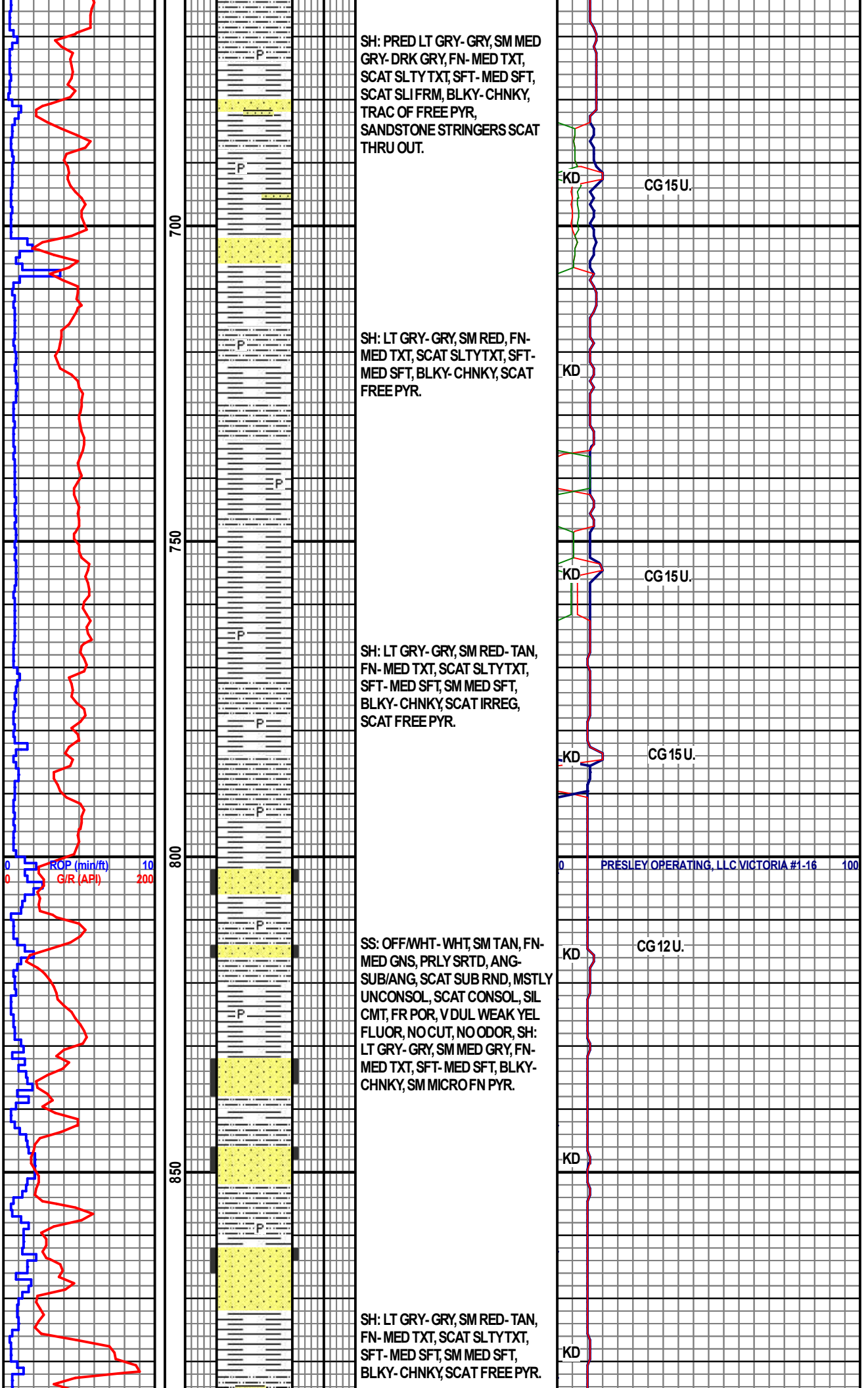
WOB: 4-8K
RPM: 80-120
SPP: 120
PP: 550



MW: 9.1+
VS: 33

SURVEY @
786' 0.25°

WOB: 4-8K
RPM: 80-120
SPP: 120
PP: 555

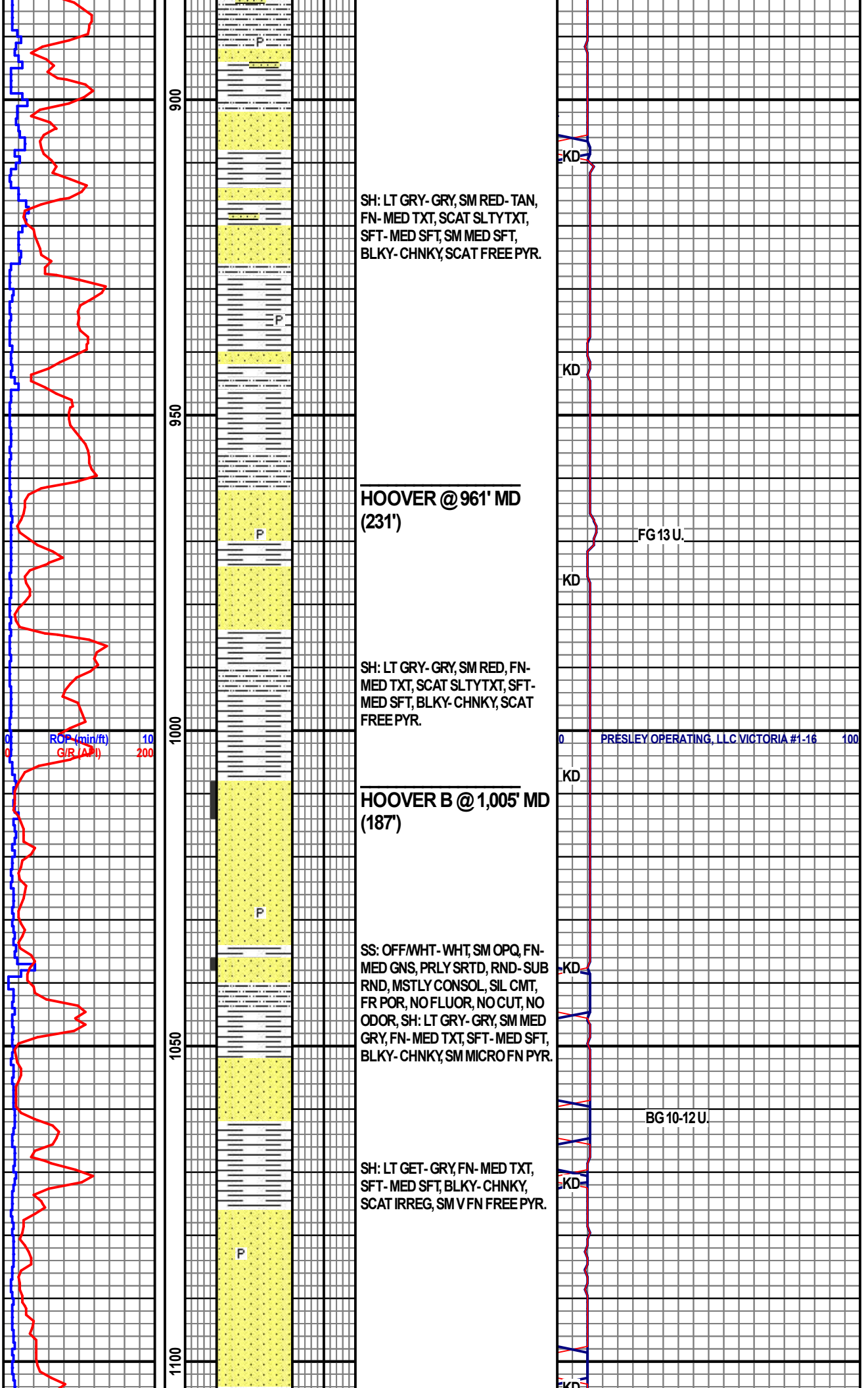


MW: 9.1
VS: 32

8/31/2018

WOB: 5-10K
RPM: 80-120
SPP: 120
PP: 550

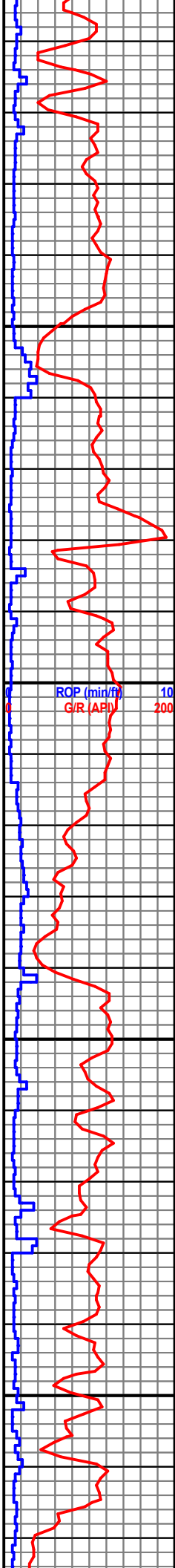
MW: 9.1
VS: 32



SURVEY @
1,163' 0.75°

WOB: 5-10K
RPM: 80-120
SPP: 120
PP: 550

MW: 9.2
VIS: 34

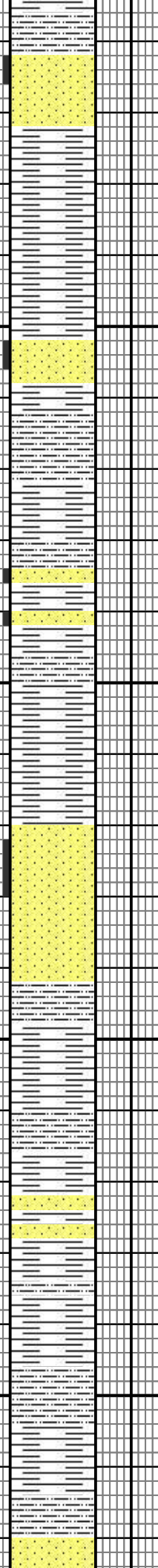


1150

1200

1250

1300



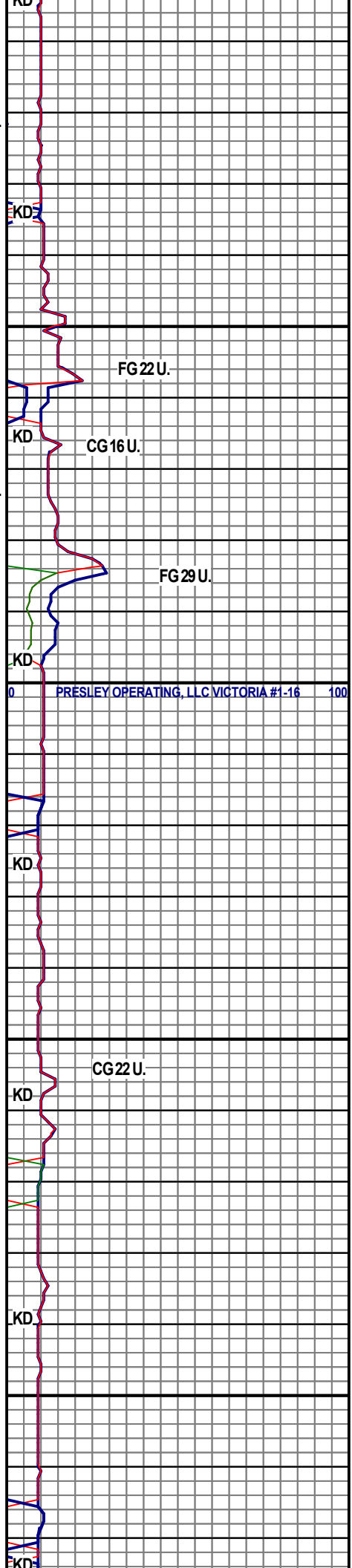
SS: OFF/WHT - WHT, SM OPQ, V
FN- FN GRNS, PRLY SRTD, RND-
SUB RND, MSTLY UNCONSOL, SIL
CMT, FR POR, NO FLUOR, NO
CUT, NO ODOR, SH: LT GRY- GRY,
FN- MED TXT, SFT- MED SFT,
BLKY- CHNKY.

SS: OFF/WHT - WHT, SM TRNSL, V
FN- FN GRNS, PRLY SRTD, RND-
SUB RND, MSTLY UNCONSOL, SIL
CMT, FR POR, NO FLUOR, NO
CUT, NO ODOR, SH: LT GRY- GRY,
FN- MED TXT, SFT- MED SFT,
BLKY- CHNKY.

LOVELL @ 1,220' MD
(-28')

SS: OFF/WHT - WHT, SM SMKY
GRY, MED- CRS GRNS, PRLY
SRTD, ANG- SUB ANG, MSTLY
CONSOL, SIL CMT, PR POR, NO
FLUOR, NO CUT, NO ODOR, SH:
RED- GRY, SM LT GRY, FN- MED
TXT, SFT- MED SFT, BLKY-
CHNKY.

SH: PRED LT GRY- GRY, SM RED,
FN- MED TXTM, SCAT SLTY TXT,
SFT- MED SFT SCAT VSET



FG 22 U.

CG 16 U.

FG 29 U.

PRESLEY OPERATING, L.L.C. VICTORIA #1-16 100

CG 22 U.

SFT-MED SFT, SCAT V SFT,
SANDSTONE SCAT THRU OUT.

SS: OFF/WHT-WHT, SM LT SMKY
GRY, MED- CRS GRNS, PRLY
SRTD, ANG- SUB ANG, MSTLY
CONSOL, SIL CMT, PR POR, NO
FLUOR, NO CUT, NO ODOR, SH:
MED GRY- GRY, SM LT GRY, FN-
MED TXT, SFT-MED SFT, BLKY-
CHNKY.

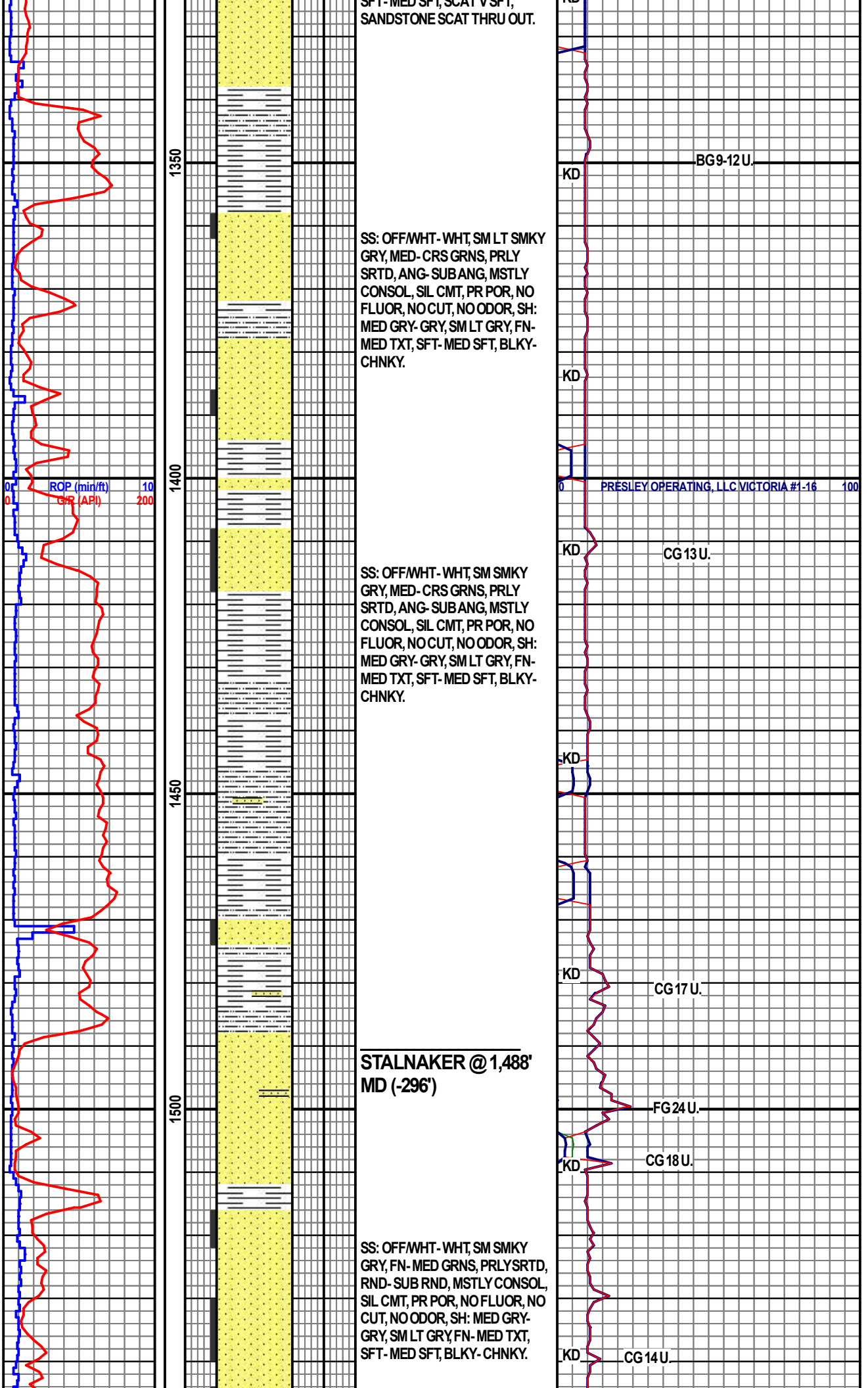
SS: OFF/WHT-WHT, SM SMKY
GRY, MED- CRS GRNS, PRLY
SRTD, ANG- SUB ANG, MSTLY
CONSOL, SIL CMT, PR POR, NO
FLUOR, NO CUT, NO ODOR, SH:
MED GRY- GRY, SM LT GRY, FN-
MED TXT, SFT-MED SFT, BLKY-
CHNKY.

**STALNAKER @ 1,488'
MD (-296')**

SS: OFF/WHT-WHT, SM SMKY
GRY, FN- MED GRNS, PRLYSRTD,
RND- SUB RND, MSTLY CONSOL,
SIL CMT, PR POR, NO FLUOR, NO
CUT, NO ODOR, SH: MED GRY-
GRY, SM LT GRY, FN- MED TXT,
SFT- MED SFT, BLKY- CHNKY.

WOB: 5-10K
RPM: 80-120
SPP: 120
PP: 600

MW: 9.2
VS: 33

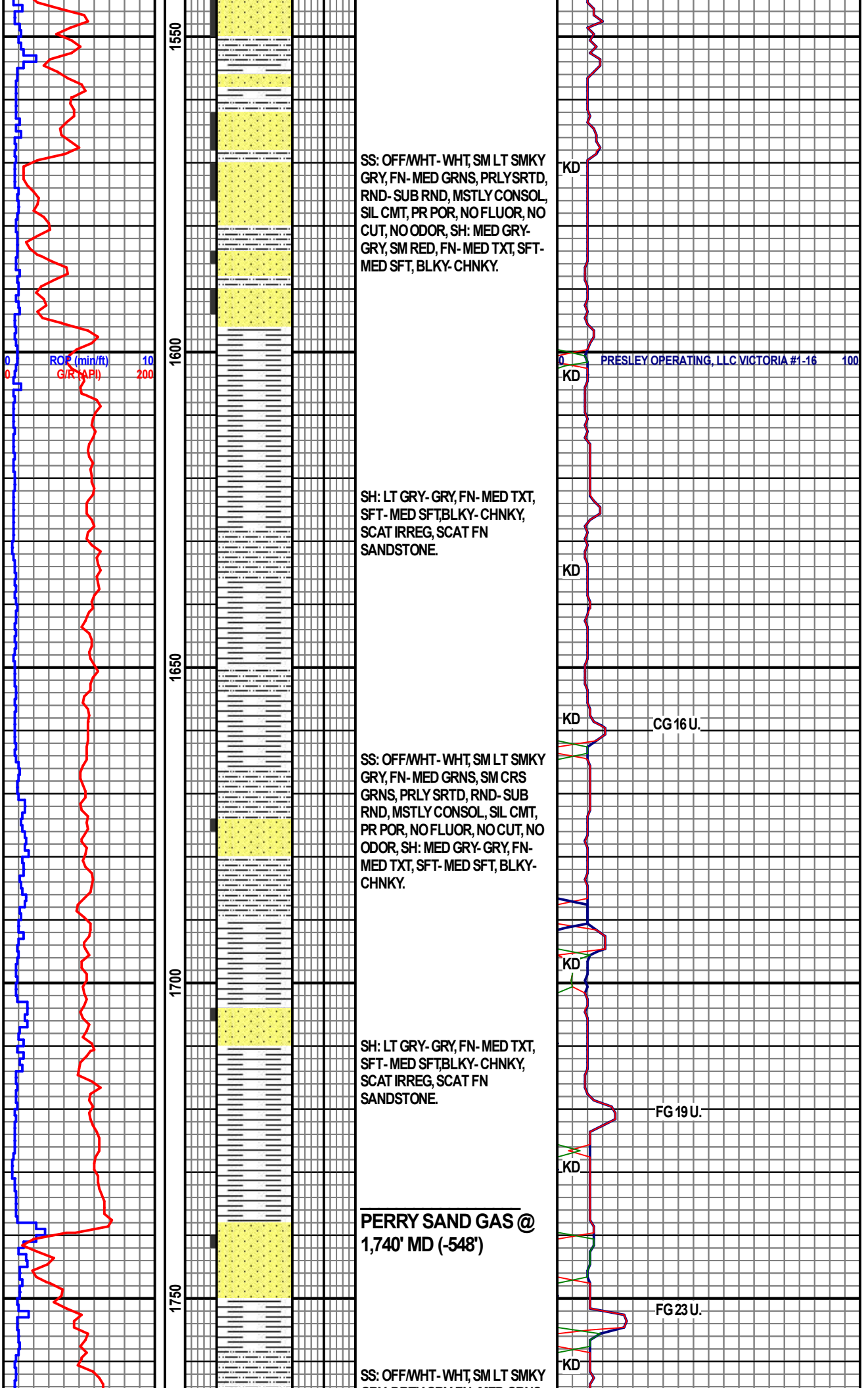


WOB: -10K
RPM: 100
SPP: 120
PP: 660

MUD DATA
AT 1,600'
WT 9.2
VIS 34
PV 4
YP 6
GEL 1/5/7
FIL 18.6
CK 2
SOL 6.3
PH 9.0
CL 1100

SURVEY @
1,666' 1.75°

MW: 9.2
VIS: 33



SS: OFF/WHT - WHT, SM LT SMKY
GRY, FN- MED GRNS, PRLYSRTD,
RND- SUB RND, MSTLY CONSOL,
SIL CMT, PR POR, NO FLUOR, NO
CUT, NO ODOR, SH: MED GRY-
GRY, SM RED, FN- MED TXT, SFT-
MED SFT, BLKY- CHNKY.

SH: LT GRY- GRY, FN- MED TXT,
SFT- MED SFT, BLKY- CHNKY,
SCAT IRREG, SCAT FN
SANDSTONE.

SS: OFF/WHT - WHT, SM LT SMKY
GRY, FN- MED GRNS, SM CRS
GRNS, PRLY SRTD, RND- SUB
RND, MSTLY CONSOL, SIL CMT,
PR POR, NO FLUOR, NO CUT, NO
ODOR, SH: MED GRY- GRY, FN-
MED TXT, SFT- MED SFT, BLKY-
CHNKY.

SH: LT GRY- GRY, FN- MED TXT,
SFT- MED SFT, BLKY- CHNKY,
SCAT IRREG, SCAT FN
SANDSTONE.

**PERRY SAND GAS @
1,740' MD (-548')**

SS: OFF/WHT - WHT, SM LT SMKY

PRESLEY OPERATING, L.L.C. VICTORIA #1-16 100

CG 16 U.

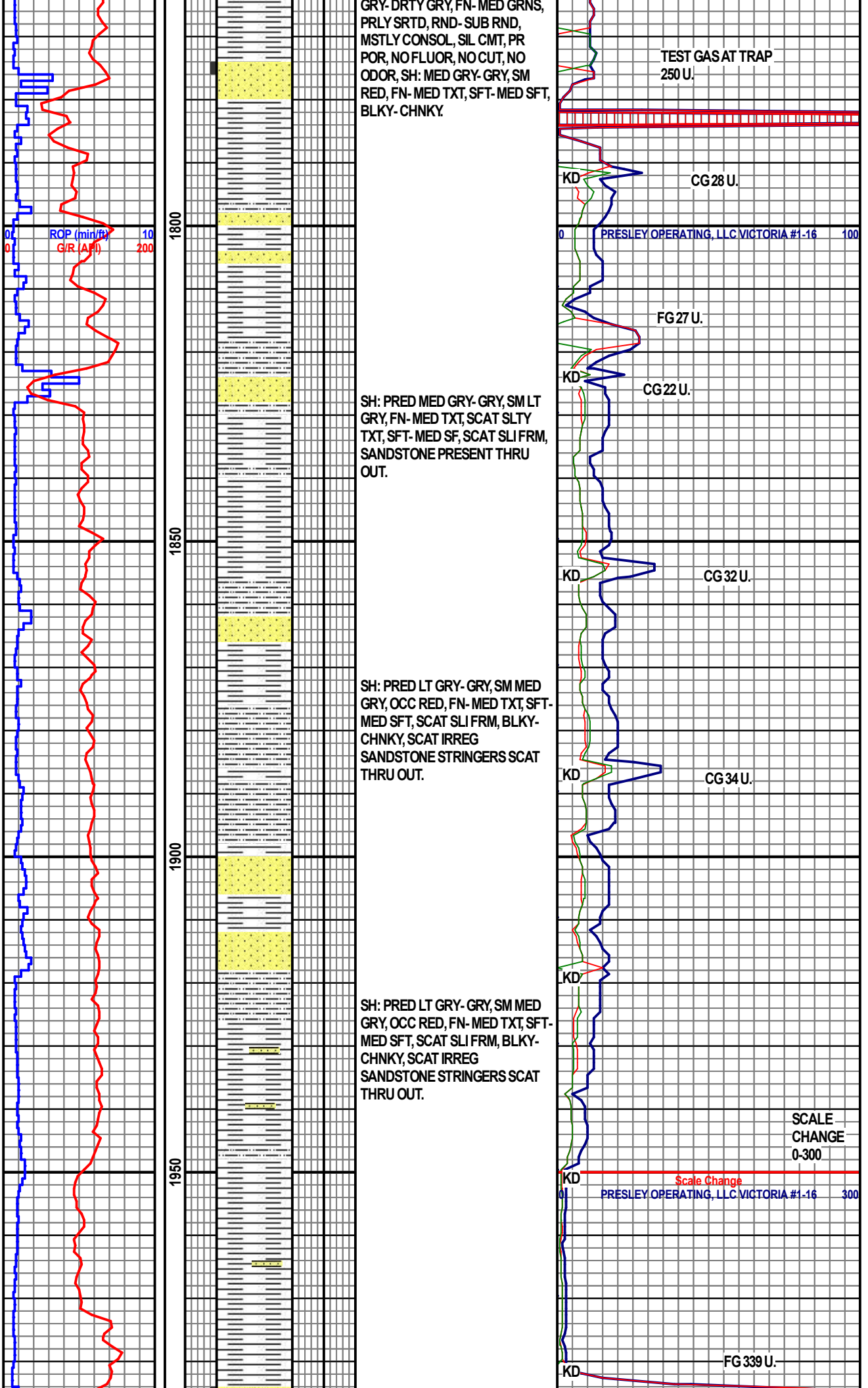
FG 19 U.

FG 23 U.

WOB: 8-10K
RPM: 100
SPP: 120
PP: 660

MW: 9.2
VS: 33

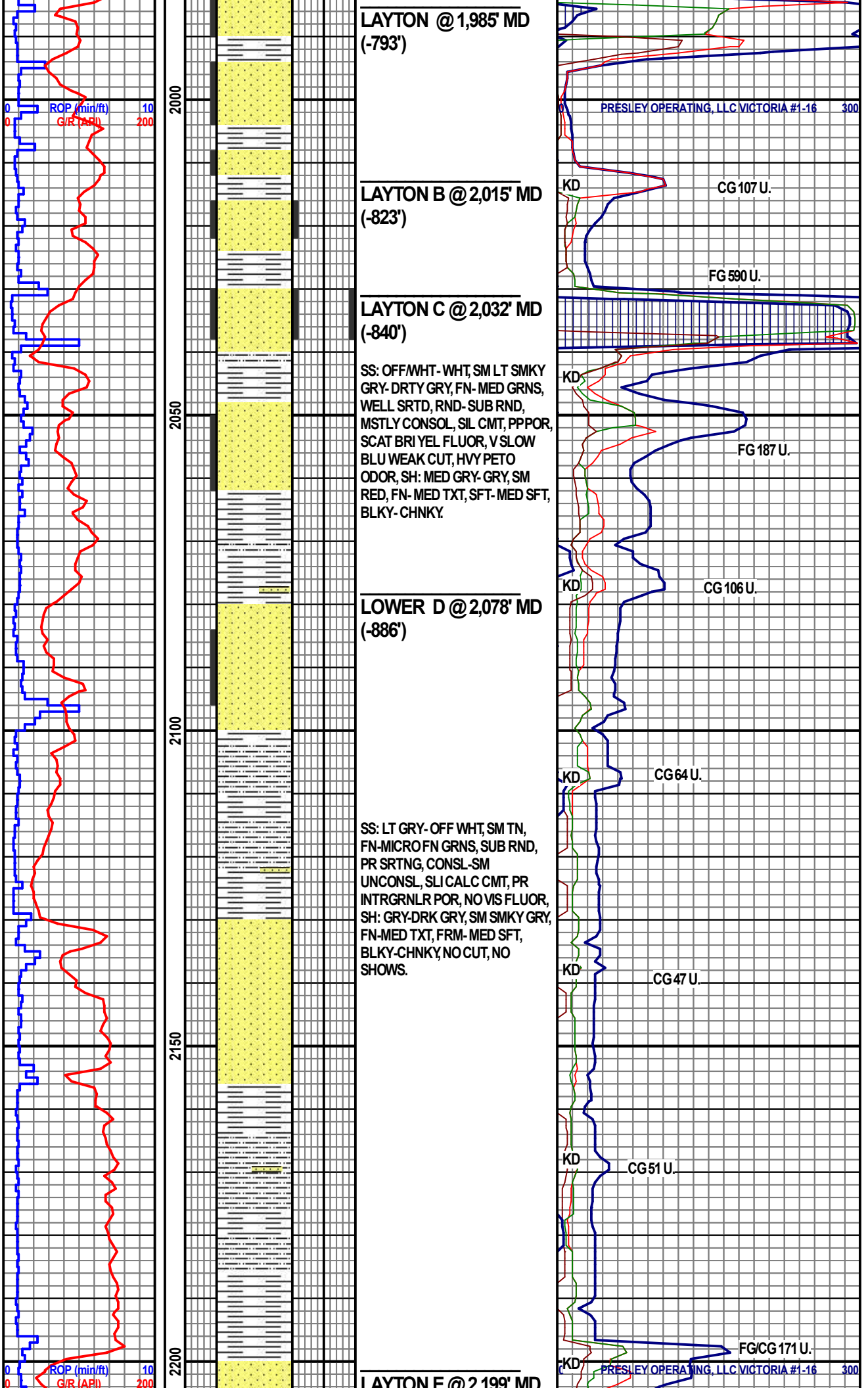
SURVEY @
1,919' 1.5°



WOB: 4-8K
RPM: 80-110
SPP: 120
PP: 600

MW: 9.2
VS: 33

WOB: 6-10K
RPM: 80-120



LAYTON @ 1,985' MD (-793')

LAYTON B @ 2,015' MD (-823')

LAYTON C @ 2,032' MD (-840')

SS: OFF/WHT - WHT, SM LT SMKY GRY-DRTY GRY, FN- MED GRNS, WELL SRTD, RND- SUB RND, MSTLY CONSOL, SIL CMT, PPPOR, SCAT BRI YEL FLUOR, V SLOW BLU WEAK CUT, HVY PETO ODOR, SH: MED GRY- GRY, SM RED, FN- MED TXT, SFT- MED SFT, BLKY- CHNKY.

LOWER D @ 2,078' MD (-886')

SS: LT GRY- OFF WHT, SM TN, FN-MICRO FN GRNS, SUB RND, PR SRTNG, CONS- SM UNCONSL, SLI CALC CMT, PR INTRGRNLR POR, NO VS FLUOR, SH: GRY-DRK GRY, SM SMKY GRY, FN-MED TXT, FRM- MED SFT, BLKY-CHNKY, NO CUT, NO SHOWS.

LAYTON E @ 2,199' MD

PRESLEY OPERATING, L.L.C. VICTORIA #1-16 300

KD CG107 U.

FG 590 U.

KD FG 187 U.

KD CG 106 U.

KD CG 64 U.

KD CG 47 U.

KD CG 51 U.

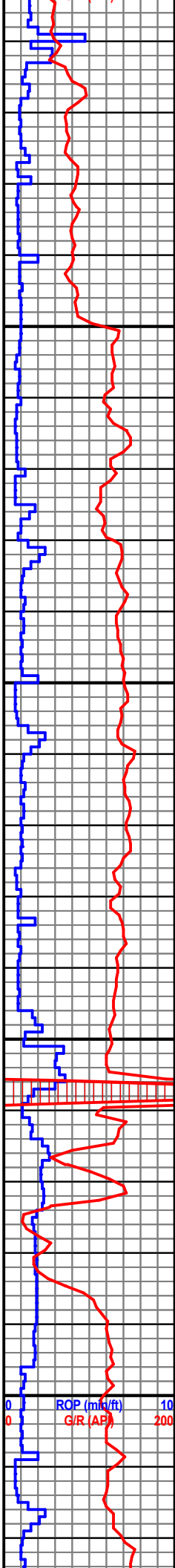
KD FG/CG 171 U. PRESLEY OPERATING, L.L.C. VICTORIA #1-16 300

SPP: 120
PP: 600

9/1/2018

MW: 9.2
VIS: 46

WOB: 6-10K
RPM: 80-120
SPP: 120
PP: 600



2250

2300

2350

2400



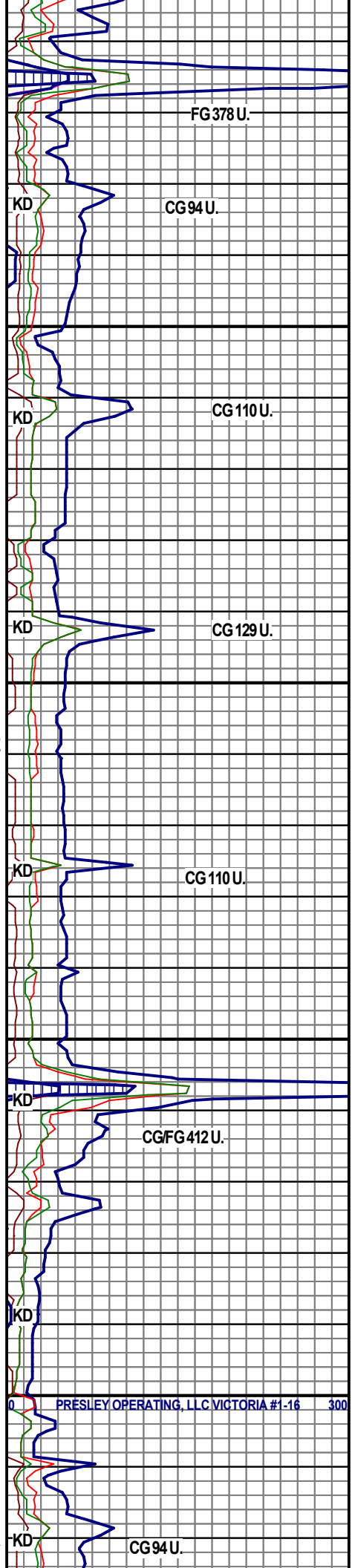
EXPOSURE @ 2,155 MD (-1,007')

SS: OFF WHT - WHT, OCC
TRNSLU-OPQ, SCAT LT/TAN-TAN,
FN- MED, SCAT CRSE, SUB ANG-
ANG, MED SRTD, CONSOL, SCAT
QURTZ GRNS, SLI ARG, SLI CALC
CMT IP, PR- OCC FR INTRGRNLR
POR IP, NO VIS FLUOR, NO CUT,
NO RES RING.

LS: LT/TAN-TAN, SCAT DRK/TAN,
OFF WHT - WHT, VFN- FN XLN,
SCAT MED XLN, FRM- MOD/FRM,
WITH CONSOL, NO FLUOR, NO
CUT, NO RES RING. SLI INCREASE
IN MED/GY- DRK/GY SHALE
PRESENT.

CHECKERBOARD @
2,365' MD (-1,173')

SS: WHT - OFF WHT, SMKY/GY- GY,
OCC TRNSLU- OPQ, FN- MED
GRNS, RND- SUB RND, TR OF
SUB ANG, MED- WELL SRTD,
MSTLY UNCONSOL, SILICA CMT,
SLI ARG, FR INTRGRNLR POR,
NO VIS FLUOR, NO CUT, WITH
LT/GRY- GRY SHALE PRESENT
THRU OUT SAMPLE, MICROMICA
THRU OUT.



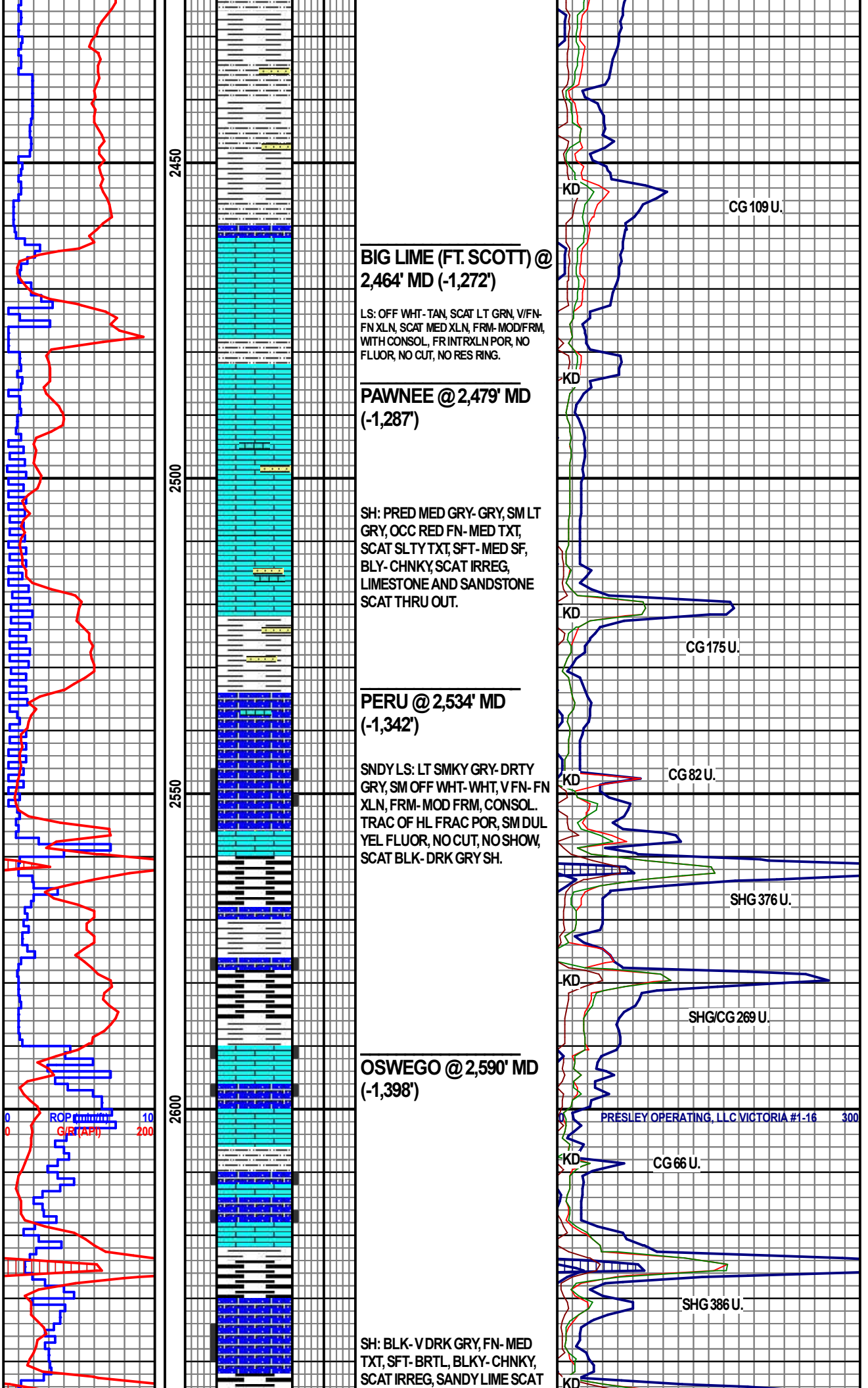
0 PRESLEY OPERATING, L.L.C. VICTORIA #1-16 300

MW: 9.2
VIS: 46

SURVEY @
2,547' 2.25°

WOB: 8-16K
RPM: 80-120
SPP: 120
PP: 900

MUD DATA
AT 2,610'
WT 9.1
VIS 37
PV 8
YP 6
GEL 1/6/9
FIL 12.4
CK 2
SOL 5.5
PH 8.0
CI 800



**BIG LIME (FT. SCOTT) @
2,464' MD (-1,272')**

LS: OFF WHT-TAN, SCAT LT GRN, V/FN-
FN XLN, SCAT MED XLN, FRM-MOD/FRM,
WITH CONSOL, FR INTRXLN POR, NO
FLUOR, NO CUT, NO RES RING.

**PAWNEE @ 2,479' MD
(-1,287')**

SH: PRED MED GRY-GRY, SM LT
GRY, OCC RED FN-MED TXT,
SCAT SLTY TXT, SFT-MED SF,
BLY-CHNKY, SCAT IRREG,
LIMESTONE AND SANDSTONE
SCAT THRU OUT.

**PERU @ 2,534' MD
(-1,342')**

SNDY LS: LT SMKY GRY-DRTY
GRY, SM OFF WHT-WHT, V FN-FN
XLN, FRM-MOD FRM, CONSOL.
TRAC OF HL FRAC POR, SM DUL
YEL FLUOR, NO CUT, NO SHOW,
SCAT BLK-DRK GRY SH.

**OSWEGO @ 2,590' MD
(-1,398')**

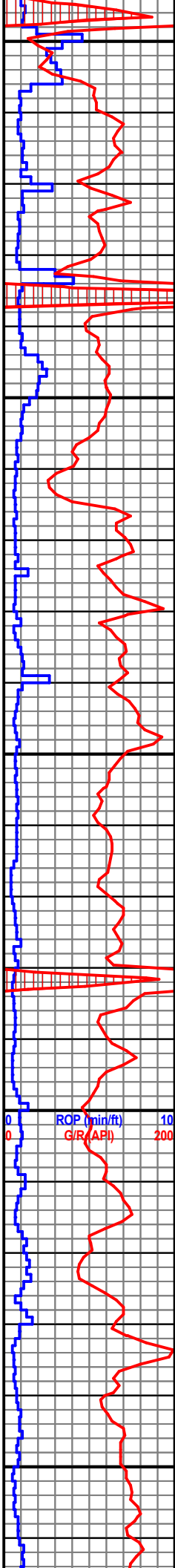
SH: BLK-VDRK GRY, FN-MED
TXT, SFT-BRTL, BLKY-CHNKY,
SCAT IRREG, SANDY LIME SCAT

PRESLEY OPERATING, I.L.C. VICTORIA #1-16 300

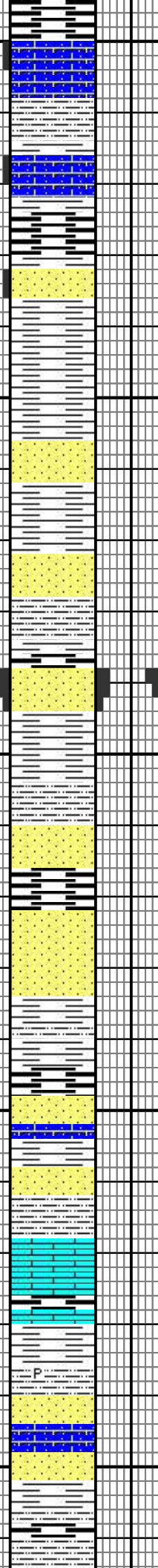
MW: 9.0
VS: 42

WOB: 8-16K
RPM: 80-120
SPP: 120
PP: 900

SURVEY @
2,828' 2.0°



2650
2700
2750
2800
2850



THRU OUT.

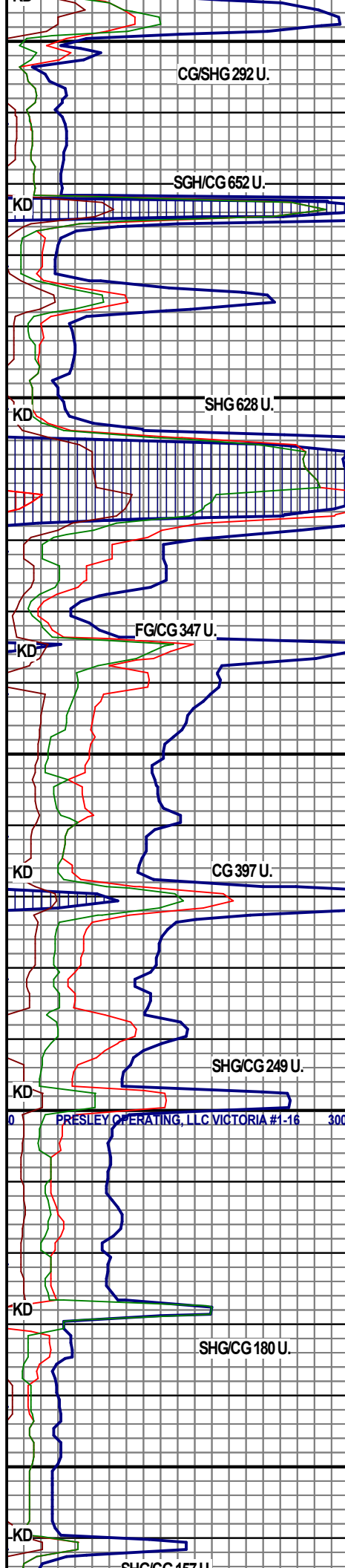
SNDY LS: LT SMKY GRY-DRTY GRY, SM
OFF WHT-WHT, V FN- FN XLN, FRM-MOD
FRM, CONSOL, PR ITERXLN POR, SM V
DUL WEAK YEL FLUOR, NO CUT, NO
SHOW, SCAT BLK-DRK GRY SH.

**UPPER SKINNER @
2,706' MD (-1,514')**

SS: OFF/WHT-WHT, SM SMKY
GRY, MED- CRS GRNS, PRLY
SRTD, ANG-SUB ANG, MSTLY
CONSOL, SIL CMT, GD INTERGNL
POR, SCAT BRI YEL FLUOR, V
SLOW BLU WEAK MLKY CUT,
HVY PETRO ODOR, SH: BLK-
DRK GRY, FN-MED TXT, SFT-
BRTL, BLKY-SPLT.

**BARTLESVILLE @
2,816' MD (-1,624')**

SS: LT GRY-OFF WHT, SM TN,
FN-MICRO FN GRNS, SUB RND,
PR SRtd, CONSOL-SM UNCONSL,
SLI CALC CMT, PR INTRGRNLR
POR, NO VS FLUOR, SH: GRY-
DRK GRY, SM RED, FN-MED TXT,
FRM-MED SFT, BLKY-CHNKY,
SCAT FREE PYR, NO CUT, NO
SHOWS.



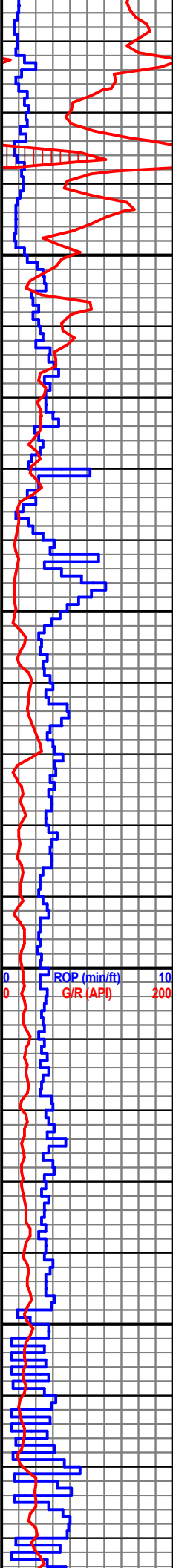
PRESLEY OPERATING, L.L.C. VICTORIA #1-16 300

MW: 9.0
VS: 42

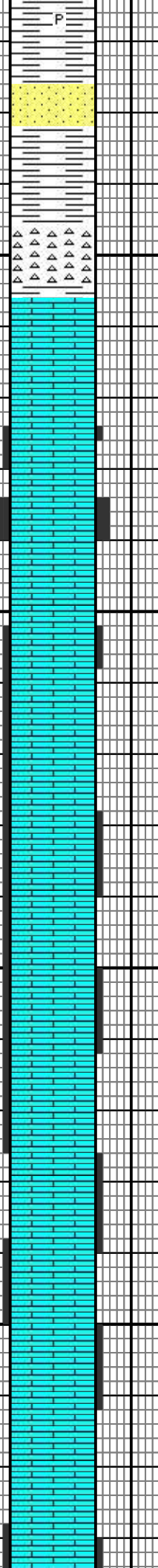
WOB: 16-22K
RPM: 60-100
SPP: 120
PP: 1000

9/2/2018

SURVEY@
2.080° 1.0°



2900
2950
3000
3050



PENNSYLVANIA UNCONFORMITY (BURGESS) @ 2,878' MD (-1,686')

MISSISSIPPI CHAT @ 2,896' MD (-1,704')

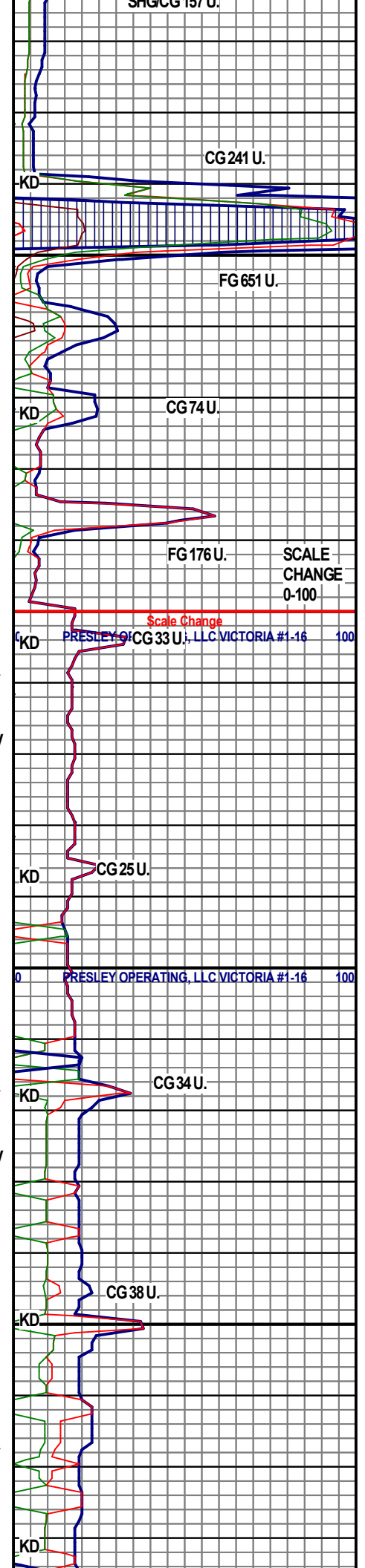
MISSISSIPPI LIME @ 2,902' MD (-1,710')

MISSISSIPPI HPZ @ 2,934' MD (-1,742')

LS: OFF WHT - WHT, SM LT SMKY GRY, BLKY - CHNKY, FRM - HRD, FN - MED FN XLN, PR INTRXLN POR, V DUL WEAK YEL FLUOR, V SLOW BLU WEAK MLKY CUT, WEAK PETRO SMELL.

LS: OFF WHT - WHT, SM LT SMKY GRY, BLKY - CHNKY, FRM - HRD, FN - MED FN XLN, PR INTRXLN POR, V DUL WEAK YEL FLUOR, V SLOW BLU WEAK MLKY CUT, WEAK PETRO SMELL.

LS: OFF WHT - WHT, SM LT SMKY GRY, BLKY - CHNKY, FRM - HRD, FN - MED FN XLN, PR INTRXLN POR, DUL WEAK YEL FLUOR, V SLOW BLU WEAK MLKY CUT.



SCALE CHANGE
0-100

Scale Change
PRESLEY OPERATING, L.L.C. VICTORIA #1-16 100

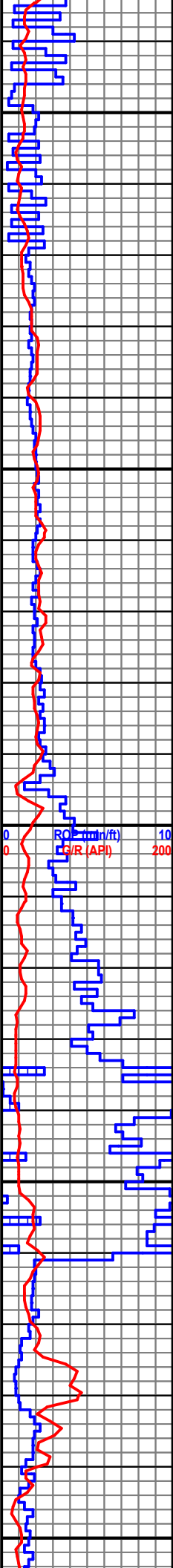
PRESLEY OPERATING, L.L.C. VICTORIA #1-16 100

MW: 9.0
VS: 55

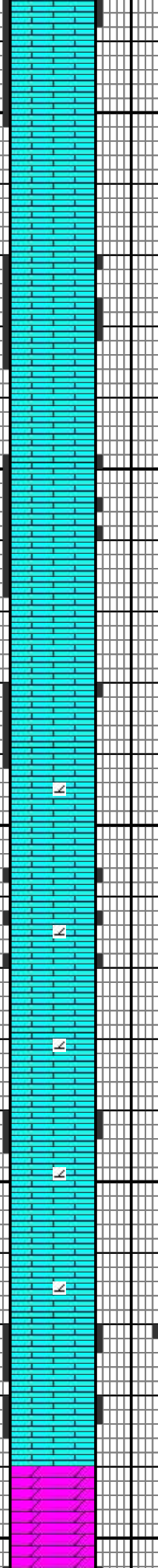
WOB: 16-22K
RPM: 60-100
SPP: 120
PP: 1000

MUD DATA
AT 3,225'
WT 8.9
VIS 61
PV 23
YP 19
GEL 2/15/18
FIL 8.0
CK 2
SOL 4.2
PH 10.5
CL 700

MW: 9.0
VS: 55



3100
3150
3200
3250
3300



LS: OFF WHT - WHT, SM LT SMKY
GRY, BLKY- CHNKY, FRM- HRD,
FN- MED FN XLN, PR INTRXLN
POR, SCAT WEAK YEL FLUOR,
FLSH BLU MLKY CUT, V THN
SPTD IRREG RES RING.

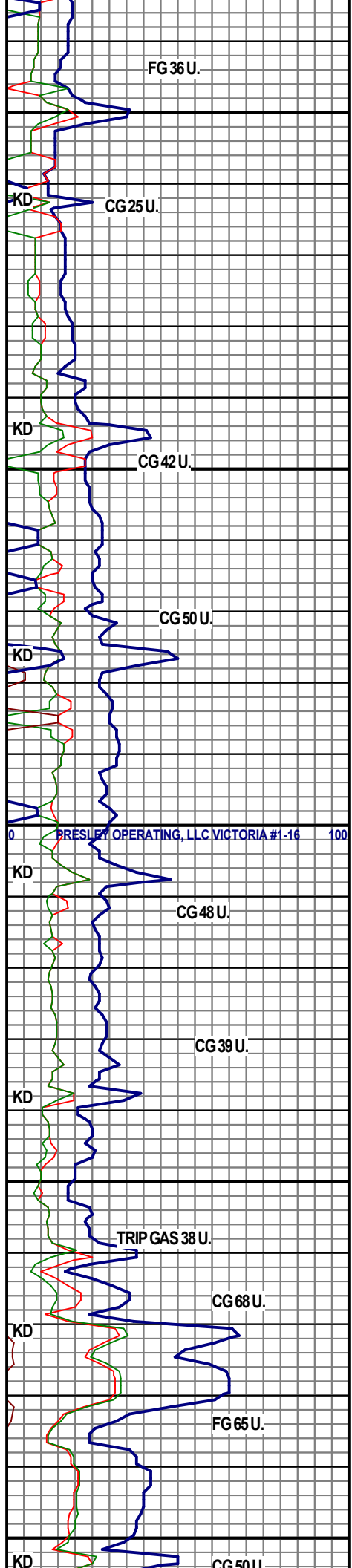
LS: OFF WHT - WHT, SM LT SMKY
GRY, BLKY- CHNKY, FRM- HRD,
FN- MED FN XLN, TRAC OF HL
FRAC POR, V DUL WEAK YEL
FLUOR, V SLOW BLU WEAK
MLKY CUT, V THN FLSH RES
RING.

LS: OFF WHT - WHT, SM LT SMKY
GRY, BLKY- CHNKY, FRM- HRD,
FN- MED FN XLN, SM DOL, PR
INTRXLN POR, V DUL WEAK YEL
FLUOR, V SLOW BLU WEAK
MLKY CUT, V THN FLSH RES
RING.

TOOH @ 3,260' MD FOR NEW BIT
#3 DRILLING W/ BIT #3 IN @ 3,260'
MD- REED 7 7/8 PDC, JET 4X18'S

**FAULT @ 3,276' MD
(-2,084')**

**ARBUCKLE @ 3,290'
MD (-2,098')**



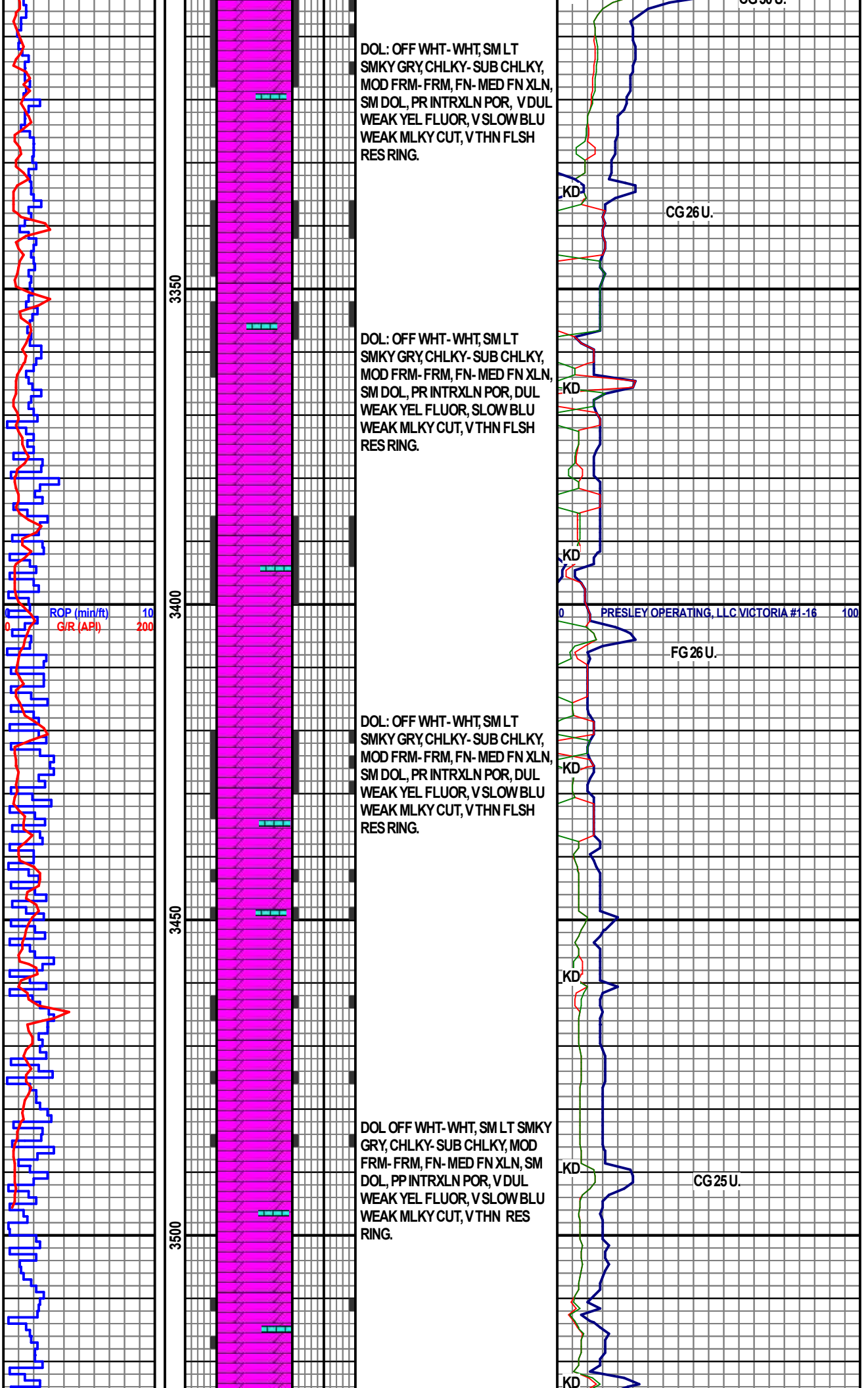
FG 36 U.
CG 25 U.
CG 42 U.
CG 50 U.
CG 48 U.
CG 39 U.
TRIP GAS 38 U.
CG 68 U.
FG 65 U.
CG 50 U.

PRESLEY OPERATING, L.L.C. VICTORIA #1-16 100

9/3/2018

WOB: 6-8K
RPM: 60-80
SPP: 120
PP: 1000

MW: 9.0
VS: 55



KD
CG 26 U.

KD
CG 26 U.

0 PRESLEY OPERATING, L.L.C. VICTORIA #1-16 100
KD
FG 26 U.

KD
CG 26 U.

KD
CG 26 U.

KD
CG 25 U.

KD
CG 25 U.

ROP 0-10
GAMMA 0-150

3550

00

DRILLERS TD @ 3,540'
MD ON 9/3/2018

PRESLEY OPERATING,
LLC VICTORIA #1-16
SEC. 16-35S-7E
COWLEY COUNTY,
KANSAS

GL: 1,180' KB: 1,192'

CG17U.

GAS 0-100