KOLAR Document ID: 1643931

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 # 9855
Name: Grand Mesa Operating Company
Address 1: 1700 N WATERFRONT PKWY BLDG 600
Address 2:
City: WICHITA State: KS Zip: 67206 + 5514
Contact Person: MICHAEL REILLY
Phone: (316) 265-3000
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Garet Dinkel
Purchaser: Plains Mktg

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 #:

03/13/2022 Spud Date or Recompletion Date
03/19/2022 Date Reached TD
04/21/2022 Completion Date or Recompletion Date

API No.: 15-155-21788-00-00
Spot Description:
SE - NW - NW - NE Sec. 35 Twp. 22 S. R. 10 ☐ East ☑ West
340 Feet from ☑ North / ☐ South Line of Section
2204 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Reno
Lease Name: SCHWEIZER Well #: 5-35
Field Name:
Producing Formation: Viola
Elevation: Ground: 1741 Kelly Bushing: 1746
Total Vertical Depth: 3820 Plug Back Total Depth: 3750
Amount of Surface Pipe Set and Cemented at: 282 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: 34100 ppm Fluid volume: 756 bbls
Dewatering method used: Evaporated
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: 06/14/2022
☐ **Confidential Release Date:** 06/13/2024
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** David Befort **Date:** 06/15/2022

Page Two

Operator Name: Grand Mesa Operating Company Lease Name: SCHWEIZER Well #: 5-35

Sec. 35 Twp. 22 S. R. 10 ☐ East ☑ West County: Reno

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Geologist Report / Mud Logs ☑ Yes ☐ No

List All E. Logs Run:
Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	282	H-Con	175	N/A
Surface	12.25	8.625	23	282	60/40 Pozmix	175	2%Gel, 3%CC
Production	7.875	5.50	15.5	3796	H-LD	200	N/A

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: 04/27/2022

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	30	0	19		39

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
3620	3624

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
4	3732	3735			4/14/22 Prostim acidized w/250gals 7.5% MCA Acid and 22.5bbls 2% KCL Biocide
			CIBP Cast Iron Bridge Plug	3695	4/15/22
4	3620	3624			4/15/22 Prostim acidized w/250gals 7.5% MCA Acid and 22bbls 2% KCL Biocide
					4/18/22 Prostim treated w/1250gals 15% NEFE Acid w/21bbls 2% KCL Biocide wtr
					4/19/22 Prostim treated w/2500gals MOD 2525-20% Acid w/27bbls 2% KCL Biocide wtr

TUBING RECORD: Size: 2.875 Set At: 3647 Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	SCHWEIZER 5-35
Doc ID	1643931

All Electric Logs Run

CDCN PE LOG
DI LOG
MICRO LOG
SONIC LOG
CEMENT BOND LOG

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	SCHWEIZER 5-35
Doc ID	1643931

Tops

Name	Top	Datum
Tarkio	2442	-696
Topeka	2600	-854
Heebner	3002	-1256
Lansing	3186	-1440
Stark	3406	-1660
BKC	3486	-1740
BPL	3534	-1788
Viola	3596	-1850
Simpson Shale	3718	-1972
Arbuckle	3788	-2042
LTD	3820	N/A

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	SCHWEIZER 5-35
Doc ID	1643931

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	282	H-Con	175	N/A
Surface	12.25	8.625	23	282	60/40 Pozmix	175	2%Gel, 3%CC
Production	7.875	5.50	15.5	3796	H-LD	200	N/A

GRAND MESA OPERATING COMPANY

(316) 265-3000
FAX: (316) 265-3455

1700 N. WATERFRONT PARKWAY
BLDG. 600
WICHITA, KANSAS 67206-5514

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

Well Name:	**Schweizer**
Well Id:	**5-35**
Location:	**340' FNL & 2204' FEL, Sec 35-T22S-R10W, Reno County, Kansas**
License Number:	**API: 15-155-21788** **Region: Reno County**
Spud Date:	**03/13/2022** **Drilling Completed: 03/19/2022**
Surface Coordinates:	**NAD83**
	Lat: 38.0996054, Long: -98.3890904
Bottom Hole Coordinates:	**Vertical hole**
Ground Elevation (ft):	**1741'** **K.B. Elevation (ft): 1746'**
Logged Interval (ft):	**2300'** **To: RTD** **Total Depth (ft): 3820'**
Formation:	**Arbuckle at RTD**
Type of Drilling Fluid:	**Chemical**

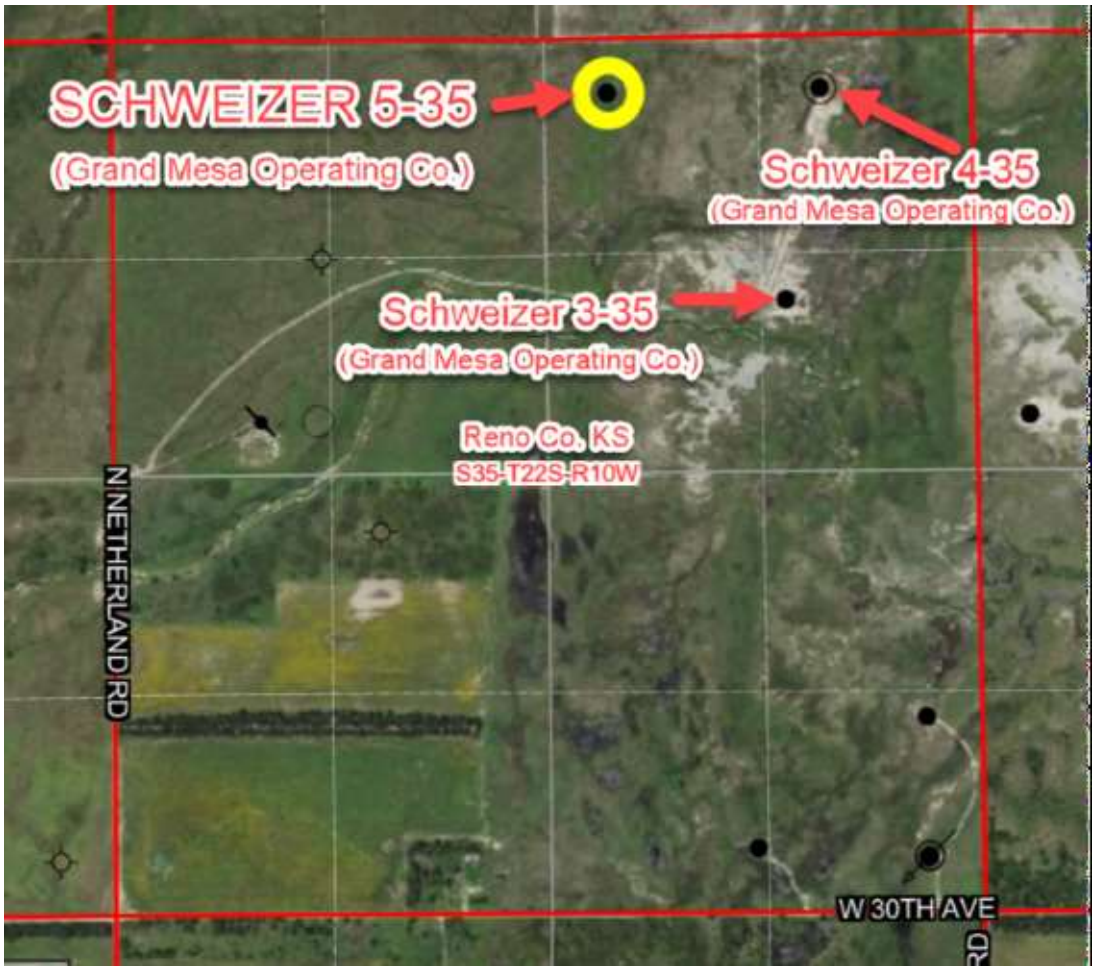
Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Grand Mesa Operating Company
Address: 1700 N. Waterfront Parkway; Bldg. 600
Wichita, KS 67206-5514
316-265-3000

WELLSITE GEOLOGIST

Name: Kent R. Matson
Company: Matson Geological Services, LLC
Address: 33300 W. 15th Street S.
Garden Plain, Kansas 67050
316-644-1975; kent4m@hotmail.com



COMMENTS

Grand Mesa Company Geologist: Steve Stribling, 316-265-3000 (office).
Drilling Contractor: Murfin Drilling Company Inc., Rig #104.
Tool Pusher: James Mayfield, 785-269-7684 (cell).
Gas Detector System (iball/Bloodhound): Keith Reavis, 620-617-4091 (cell).
Surface Casing: 8 5/8" set at 252' (KB) w/175 sx cement.
Production Casing: Based on field observations of drill cuttings and electric log review, production casing (5.5") was installed to further evaluate potential oil production.
Mud by: MudCo/Service Mud, Inc.; Brad Bortz, 620-793-2421 (cell) and Justin Whiting, 620-214-3630 (cell).
DST's by: Trilobite Testing: No DSTs were conducted.
Reserve pit pumping/transfer: Monster Pump Operations, Inc., Matt Smith, 785-623-4488 (office).
Logs by: ELI Wireline (CND w/PE, DI w/SP, Micro, Sonic), Jeff Luebbers, 785-259-1435 (cell).
RTD= 3820', -2074'.
LTD= 3820', -2074'.

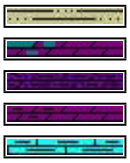
FORMATION TOPS

FORMATION	SAMPLE TOPS Depth	Datum	LOG TOPS Depth	Datum
Tarkio	2443'	-697	2442'	-696
Topeka	2602'	-856	2600'	-854
Heebner	3002'	-1256	3003'	-1257
Lansing	3187'	-1441	3186'	-1440
Stark Shale	3412'	-1666	3406'	-1660
Base KC	3487'	-1741	3486'	-1740
Viola	3598'	-1852	3596'	-1850
Simpson SH	3718'	-1972	3717'	-1971
Arbuckle	3788'	-2042	3788'	-2042
RTD	3820'	-2074		
LTD			3820'	-2074

ROCK TYPES

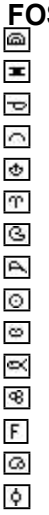
LITHOLOGY

Anhy
Cht
Coal
Congl
Dol
Gyp
Lmst
Salt
Shale
Shcol
Shgy
Sltst
Ss
Carb sh
Dol
Dtd
Gry sh
Sandylms
Shale
Sltstn
Shlyslts



Sltysh
Sdy dolo
Silty dolo
Shy dolo
Shaly ls

FOSSIL

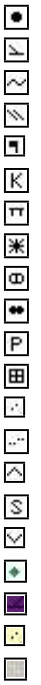


Algae
Amph
Belm
Bioclst
Brach
Bryozoa
Cephal
Coral
Crin
Echin
Fish
Foram
Fossil
Gastro
Oolite

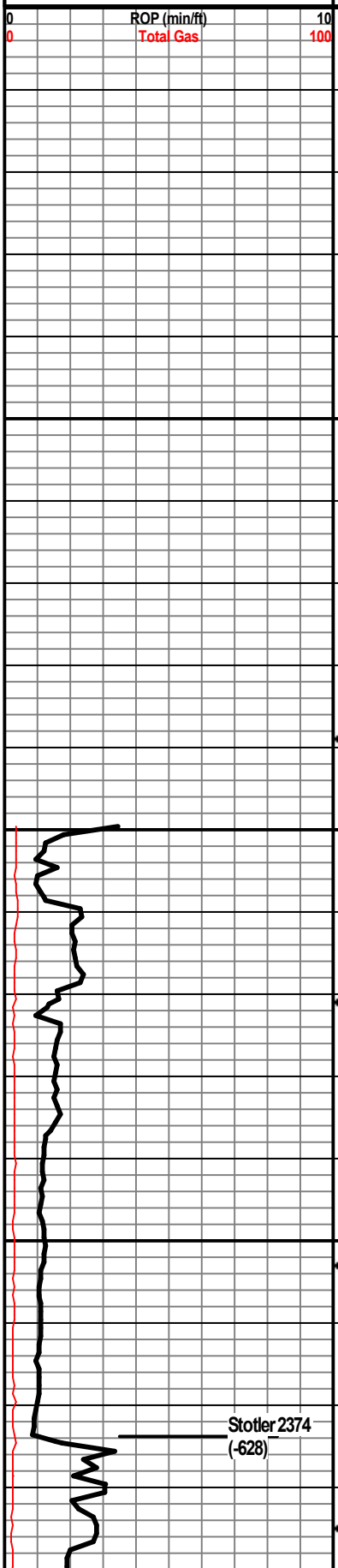
Ostra
Pelec
Pellet
Pisolite
Plant
Strom
Fuss
Oomold

MINERAL

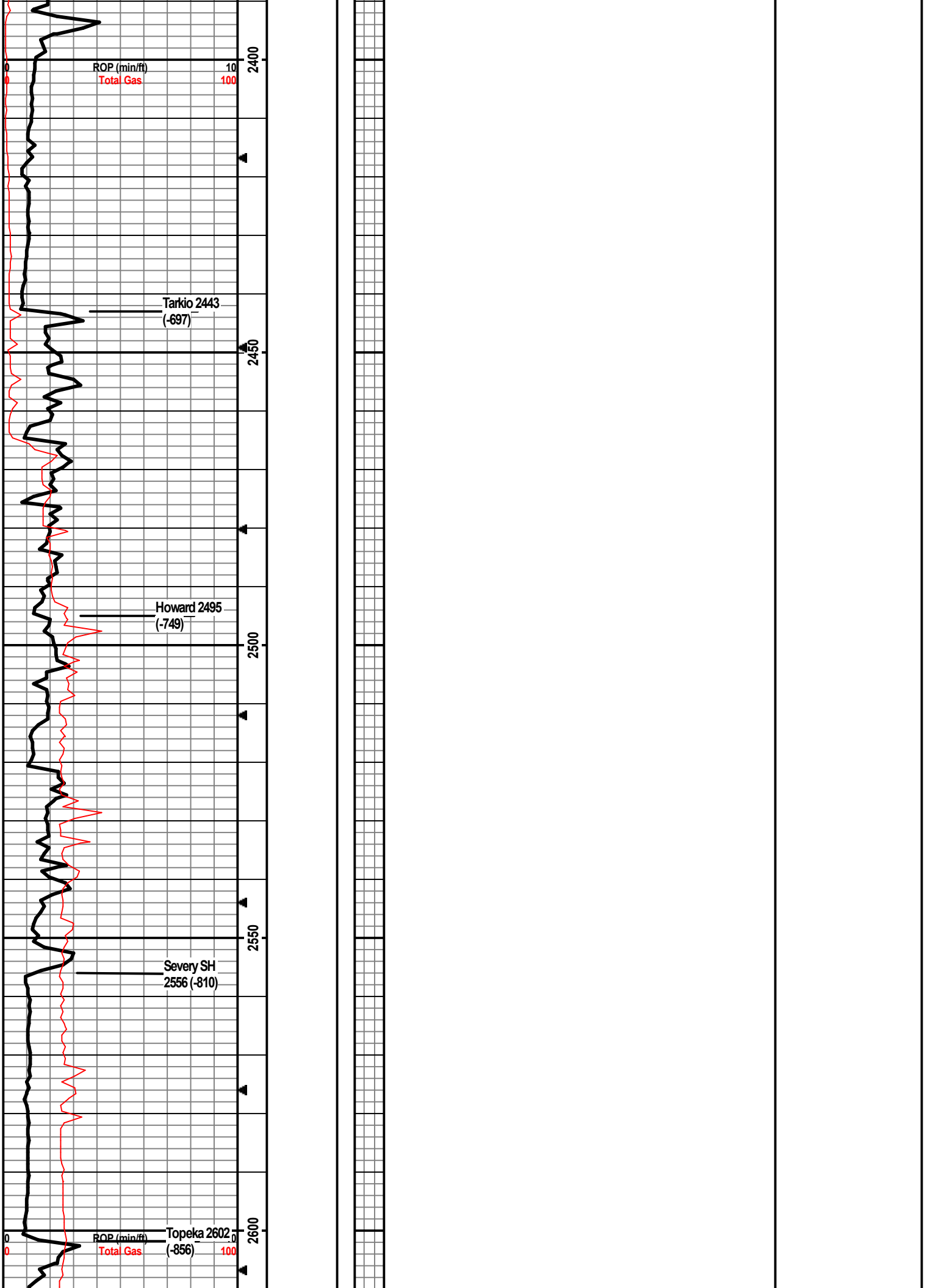
Anhy
Arggrn
Arg
Bent
Bit
Brecfrag
Calc
Carb
Chtdk
Chtlt
Dol
Feldspar

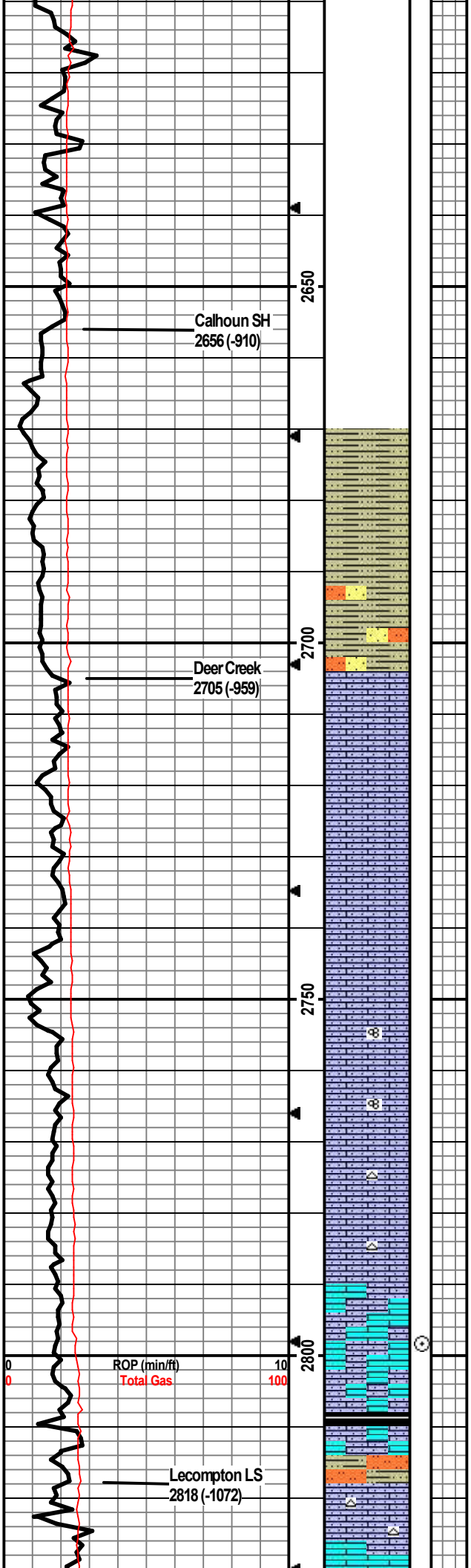


Ferrpel
Ferr
Glau
Gyp
Hvymin
Kaol
Marl
Minxl
Nodule
Phos
Pyr
Salt
Sandy
Silt
Sil
Sulphur
Tuff
Chlorite
Dol
Sand
Slty



DEPTH	Lithology	CFS Point	Oil Shows	Geological Descriptions	Remarks
22				**Morning Report Depth/Activity (7:00 am)** 03/12/2022: MIRU. 03/13: Spud. 03/14: Drilling @ 845'. 03/15: Drilling @ 2045'. 03/16: Drilling @ 2680'. 03/17: Drilling @ 3275'. 03/18: Drilling @ 3640'; 09:15pm TD @ 3820'. 03/19: Electric Logging.	Mud-Co/Service Mud Inc. Check #1 @ 0' 03/11/22; predrilling instructions.
					Mud-Co/Service Mud Inc. Check #2 @ 1049' 03/14/22 10:00am wt vis pH chl 9.3 28 7.0 44000 Filt LCM n/c 0
2250				Drilling was conducted with 7 7/8" tricone button bit.	Mud-Co/Service Mud Inc. Check #3 @ 2160' 03/15/22 10:45am wt vis pH chl 9.7 29 7.0 95000 Filt LCM n/c 0
				<<<<~~~ Oil Shows Indicator: Left Block 0-10 sample tray pcs w/show, Middle Block 10-20 tray pcs w/show, Right Block 20+ tray pcs w/show.	At 2289' connection, made 32 std TOOH up to SC to replace rig air compressor.
				Geologist on location @ 2289', 03/15/2022	
2300				ROP Data begins @ 2300' on 03/15/2022. Recorded from drillers geolograph record, and iball/Bloodhound gas detector system.	Drill cutting samples at 20' intervals start at 2300'. Samples from 2300' to 2700' were too fine (poor) for descriptions.
				Formation tops and lithologies have been adjusted to correlate to the electric log.	
2350					Survey Record Deg @ Ft 0.75 @ 282' 1.0 @ 3820'


ROP (min/ft)
Total Gas
0
0
10
100
2400
2450
2500
2550
2600
Tarkio 2443
(-697)
Howard 2495
(-749)
Severy SH
2556 (-810)
Topeka 2602
(-856)



SH: lt-dk gry/min red-brn/min maroon, some vry silty/sndy, slt carb, soft-firm.

SH: as above w/Sltstn/SS: lt gry, vr-f, pred qtz, friable, no odor, ns.

LS: wht/crm/lt gry, vf-med xtal, silty, min foss frags, some m-crs/vug in-xtal por, no odor, ns.

LS: wht/crm/lt brn/lt gry, vf-m xtal, silty, min foss frags, no vis por, no odor, ns.

LS: wht/crm/lt gry, vf-m xtal, silty, chalky, min foss frags/fusln, min ppt-vf in-xtal por, no odor, ns.

LS: wht/crm/lt gry, vf-f xtal, silty, min lt brn chert, min foss frags, no vis por, no odor, ns.

LS: crm/lt gry/lt-m brn, vf-m xtal, some silty, foss frags, no vis por, no odor, ns.

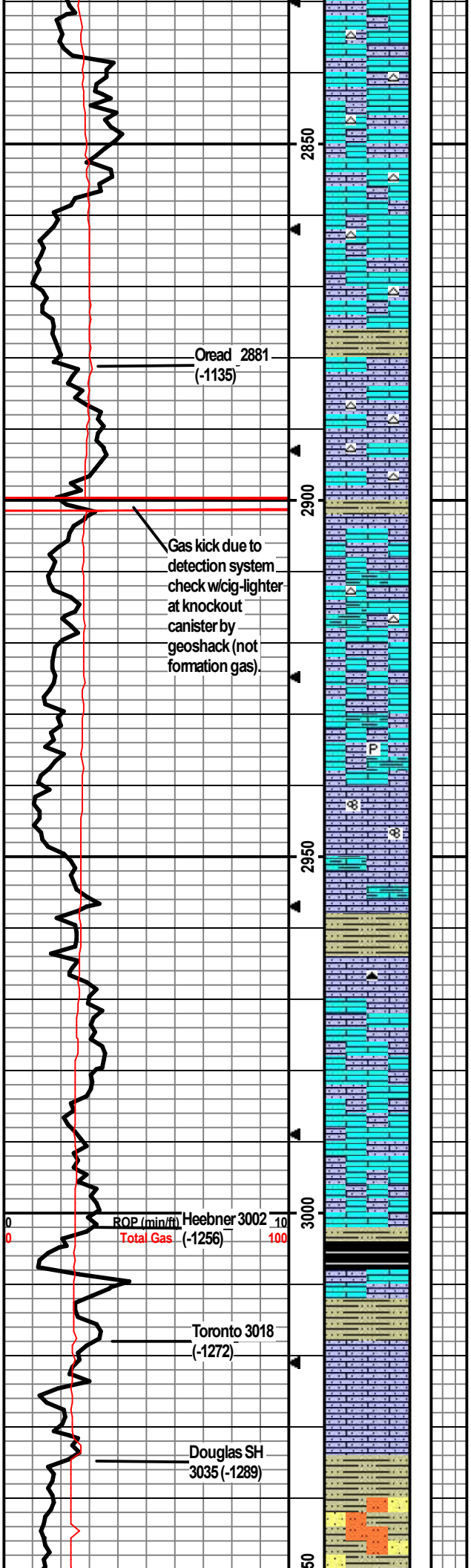
SH: lt-dk gry/blk/brn, some vry silty, slt carb, soft-firm; some lt gry Sltstn.

LS: crm/lt gry/lt brn, micro-m xtal, some vry silty, min lt brn/gry chert, foss frags, min ppt-f in-xtal por, no odor, ns.

NOTE: Samples 2700'-2800' very fine and mostly shale, poor quality. Sample quality inproved at 2800' after mud displacement.

Displaced drilling mud @ 2798' (700 bbls). Stopped drilling during displacement due to pumping from small transfer pit to reserve pit approx 3/4-mile SW of rig.

Mud-Co/Service Mud Inc.
Check #4 @ 2806' 03/16/22 12:30pm
wt vis pH chl
8.7 58 11.0 5000
Filt LCM



8.8 3

LS: crm/lt-m brn/lt gry, vf-m, some chalky, some vry silty, wht/gry chert, some foss frags, no vis por, no odor, ns.

LS: crm/lt gry/lt brn, micro-m, some chalky, silty/sndy, wht/lt gry chert, some foss frags, no vis por, no odor, ns.

SH: m-dk gry, silty, slt carb soft-firm.

LS: crm/lt brn, vf-m xtal, some vry silty/sndy, wht/lt gry chert, foss frags/grainy, no vis por, no odor, ns.

LS: crm/lt brn/lt gry, vf-m xtal, some silty, some chalky, wht/lt gry chert, foss frags, no vis por, ns.

LS: crm/lt gry, micro-m xtal, some chalky, some silty, min foss frags, no vis por, ns.

LS: crm/lt-m brn/lt gry, micro-m xtal, some silty, arg, chalky, min lt gry chert, foss frags, no vis por, no odor, ns.

LS: crm/lt brn, vf-m xtal, silty/sndy, some chalky, foss frags, no vis por, no odor, ns.

LS: crm/lt-m gry/lt-m brn, vf-m xtal, some vry silty/arg, some pyritic, foss frags, no vis por, no odor, ns.

LS: crm/lt-m brn, vf-m xtal, silty, foss frags/fusln, no vis por, no odor, ns. (Smpl flood of SH).

LS: crm/lt-m brn/lt gry, vf-m xtal, some silty/arg, foss frags, no vis por, no odor, ns.

SH: lt-dk gry, some vry silty, slt carb, soft-firm.

LS: crm/lt gry/lt brn, vf-f xtal, crm/lt gry/lt brn, vry silty/sndy, min dk gry chert, min foss frags, no vis por, no odor, ns.

LS: lt brn, micro-m xtal, some silty, some chalky, min foss frags, no vis por, no odor, ns.

LS: lt-m brn/lt gry-brn, vf-f xtal, some silty/chalky, min foss frags, no vis por, no odor, ns.

LS: crm/lt brn/lt gry, vf-f xtal, some silty, min foss frags, no vis por, no odor, ns.

SH: m-dk gry/blk/lt gry-green, some silty, slt carb, soft-firm.

LS: crm/lt-med brn, micro-m xtal, some silty, foss frags, no vis por, no odor, ns.

SH: m-dk gry/blk/min lt gry-green/dk brn/red-brn, some silty, slt carb, soft-firm.

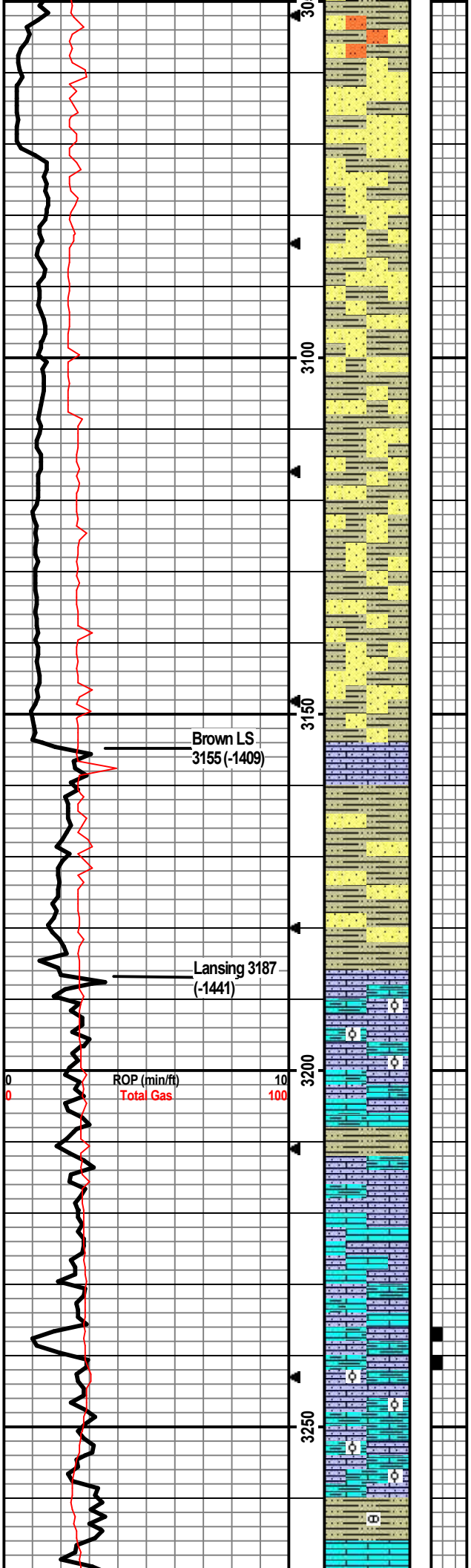
LS: crm/lt-m brn/lt gry-brn, vf-f xtal, silty, vry chalky, min foss frags, no vis por, no odor, ns.

SH: lt-dk gry, some silty, slt carb, soft-firm.

SH: lt-dk gry/lt green-gry/red-brn/maroon, some silty, some carb, soft-firm.

Drill cutting samples at 10' intervals start at 2900'.

Checked gas detection system at 2913' w/lighter w/cig-lighter at knockout canister by geoshack.



Sltstn/SS: lt gry, vf-f, pred qtz, hard/friable, no odor, ns.

SS: lt gry, pred qtz, min mafic, vf-f, sr-wr, hard/friable, no odor, ns. Min SH: lt-dk gry/lt gry-green, some silty, some carb, soft-firm.

SH: lt-dk gry/min lt green-gry, some vry silty, slt carb, soft-firm. SS: lt gry, pred qtz w/min mafic, vf-f, sr-wr, friable, no odor, ns.

Increase in SH: lt-dk gry, some vry silty, carb, soft-firm. SS: as above, no odor, ns.

SH/SS mix as above, no odor, ns.

SH/SS mix as above, no odor, ns.

LS: crm/lt-m brn, vf-m xtal, silty/sndy, foss frags, no vis por, no odor, ns.

SH: lt-dk gry/min lt gry-green, some vry silty, slt carb, soft-firm. SS: lt gry, f-m, sr-wr, firm-hard, friable; no odor, ns.

LS: crm/lt gry, micro-m xtal, some vry silty/arg, chalky, foss frags/dense ool, no vis por, no odor, ns.

LS: crm/lt brn/lt gry, vf-m xtal, some vry silty/arg, foss frags, no vis por, no odor, ns.

SH: lt-dk gry/min red-brn, vry silty, slt carb, soft-firm.

LS: crm/lt-m brn/lt gry, vf-m xtal, some vry silty/arg, some chalky, foss frags, no vis por, no odor, ns.

LS: crm/lt brn, vf-m xtal, some silty, min chalky, min foss frags, no vis por, no odor, ns.

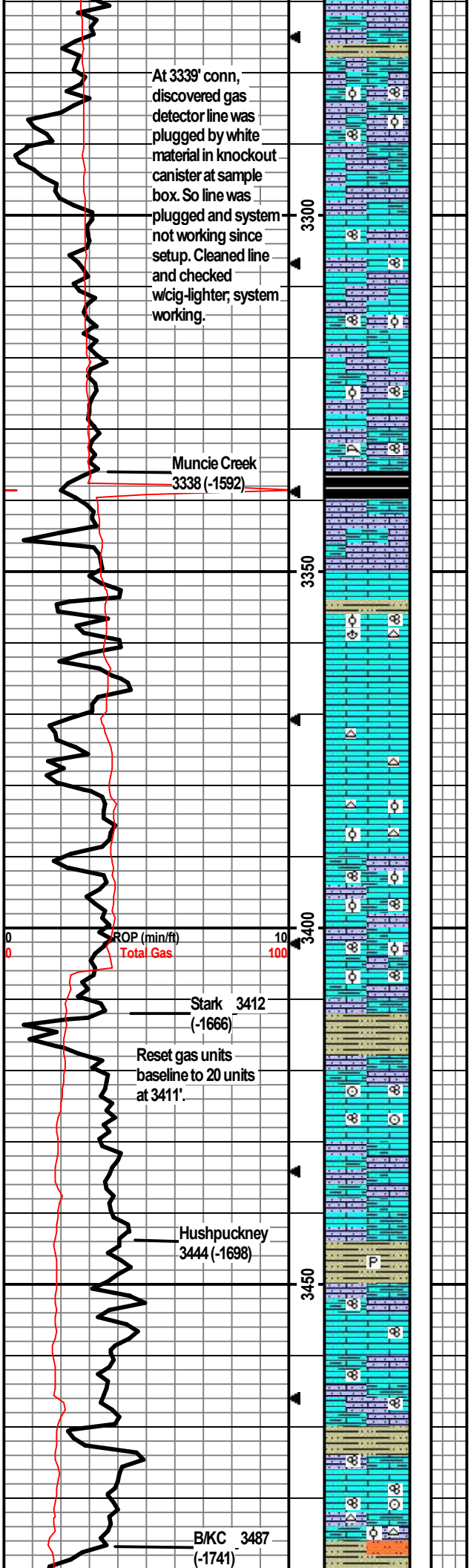
LS: crm/lt-m gry-brn, vf-m xtal, some vry silty/arg, some chalky, min lt brn chert, foss frags, 3 pcs w/sfo w/ppt-m in-xtal por, dul yel fl, slt odor, ssfo.

LS: crm/lt-m brn/lt gry-brn, vf-m xtal, some silty/arg/chalky, foss frags/dense ool, 4 pcs w/sfo as above, slt odor, sfo.

LS: crm/lt-m brn/lt gry, vf-m xtal, some silty/arg/chalky, foss frags/min dense ool, no vis por, 1 pce w/sfo assume from above, no odor, ns.

SH: lt-dk gry, some vry silty, carb, min nodules, soft-firm.

LS: crm/lt-dk brn/lt-m gry, vf-m xtal, some chalky, foss frags/some grainy, no vis por, no odor, ns.



LS: lt-m brn/gry-brn, vf-m xtal, some silty/arg/chalky, foss frags, no vis por, no odor, ns.

LS: crm/lt-m brn/lt-m gry, micro-m xtal, some vry silty/arg/chalky, foss frags/fusln/dense ool, no vis por, no odor, ns.

LS: lt-m brn/m-dk gry, vf-m xtal, some silty/arg, some vry chalky, foss frags, no vis por, no odor, ns.

LS: crm/lt-dk brn, micro-m xtal, some chalky, some silty, foss frags/fusln, no vis por, no odor, ns.

LS: crm/lt-m brn/gry-brn, micro-m xtal, some silty/arg, foss frags/fusln/dense ool, no vis por, no odor, ns.

LS: crm/lt-dk brn/lt-m gry-brn, vf-m xtal, silty/arg/chalky, foss frags/coral/fusln, no vis por, no odor, ns.

SH: lt-dk gry/blk, some silty, slt carb, soft-firm.

LS: crm/lt-m brn, micro-m xtal, some silty/sndy/arg, some chalky, foss frags, min ppt-f in-xtal por, no odor, ns.

LS: crm/lt-m brn, micro-m xtal, some chalky, lt brn chert, foss frags/ool/fusln/brac, min ppt-f in-xtal w/med oo-castic por, no odor, ns.

LS: crm/lt brn, micro-m xtal, some chalky, min foss frags, no vis por, no odor, ns.

LS: crm/lt brn, micro-m xtal, chalky, min wht/lt brn chert, foss frags, no vis por, no odor, ns.

LS: crm/lt-m brn/gry-brn, micro-m xtal, some silty, some chalky, wht/lt brn chert, foss frags/dense ool, no vis por, no odor, ns.

LS: crm/lt-m brn/min lt gry-brn, micro-m xtal, some silty/arg/chalky, foss frags/fusln/dense ool/grainy, no vis por, no odor, ns.

LS: same as above, no odor, ns.

SH: m-dk gry/dk brn-gry, some vry silty, slt carb, soft-firm.

LS: crm/lt-dk brn, micro-m xtal, some silty/arg, some chalky, foss frags/fusln/crin/grainy, no vis por, no odor, ns.

LS: crm/lt-m brn/lt-m gry-brn, micro-m xtal, some chalky, some arg/silty, min foss frags, no vis por, no odor, ns.

SH: lt-dk gry/min maroon, some vry silty, slt pyritic, carb, firm.

LS: crm/lt-m brn/lt-m gry-brn, vf-m xtal, some silty/arg/chalky, foss frags/fusln/grainy, no vis por, no odor, ns.

LS: crm/lt brn/lt-m gry, micro-m xtal, some chalky, some silty/arg, foss frags/fusln/grainy, no vis por, no odor, ns.

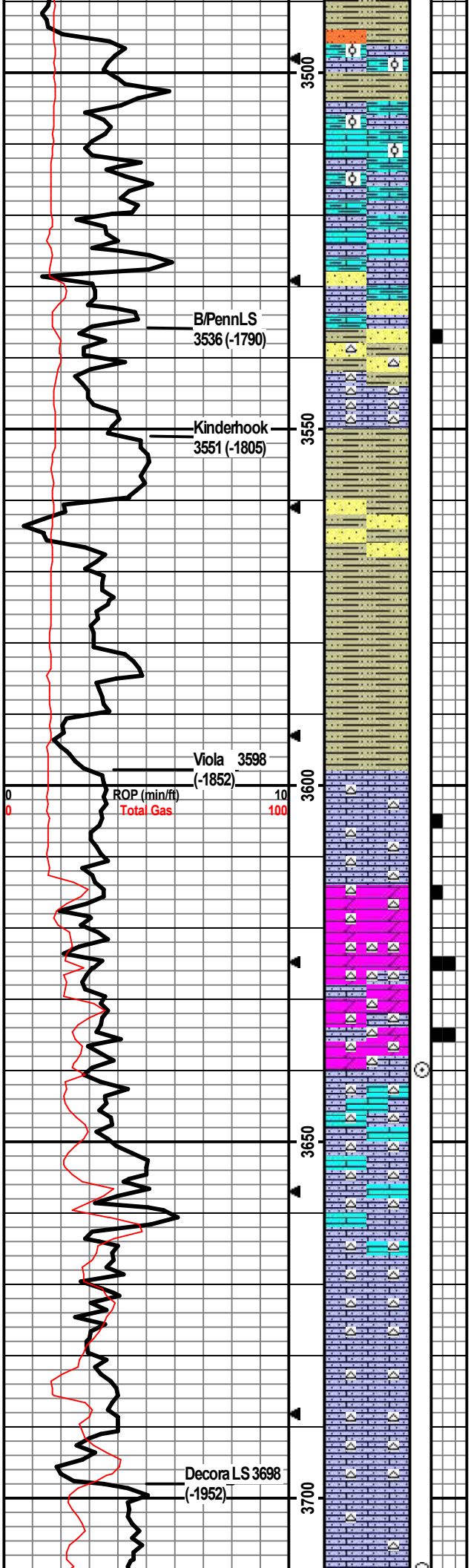
SH: lt-dk gry, some vry silty, slt carb, soft-firm.

LS: crm/lt brn/lt gry-brn, micro-m xtal, some chalky, some silty/arg, foss frags/grainy/fusln, no vis por, no odor, ns.

LS: crm/lt-m brn/lt gry, micro-m xtal, some silty/arg, some chalky, lt brn chert, foss frags/fusln/dense ool/crin/grainy, no vis por, no odor, ns.

NOTE: Gas data above 3339' is not real due to plugged hose at knockout canister at sample box cavitator.

Mud-Co/Service Mud Inc.
Check #5 @ 3347' 03/17/22
12:00pm
wt vis pH chl
9.1 46 11.0 6450
Filt LCM
8.4 1.5
Note: make up water is 2000 chlorides, 224 calcium.



SH: lt-dk gry/lt green-gry/red-brn, some vry silty, slt carb, soft-firm. Min Sltstn: green-gry, vf, arg, friable, no odor, ns.

LS: crm/lt brn/lt gry-brn, micro-m xtal, chalky, some silty/arg, foss frags/dense ool, no vis por, no odor, ns.

SH: lt-dk gry/redf-brn/maroon, some vry silty, slt carb, soft-firm.

LS: crm/lt gry/lt-m brn, micro-m xtal, some chalky, some silty/arg, foss frags/dense ool/grainy, no vis por, no odor, ns.

LS: wht/crm/lt gry/lt brn/lt rose, micro-m xtal, some vry chalky/silty/sndy/arg, min foss frags, no vis por, no odor, ns.

SH: lt-dk gry/red-brn/lt maroon, some silty/sndy, slt carb, soft-firm. SS: wht/lt gry/lt brn, vf-f, hard/not friable, no vis por, 4 pcs w/dk staining w/slt cut on break/dead oil, no odor.

SH: lt gry/lt gry-green/lt maroon, some vry silty/sndy, carb, soft-firm-hard; Chert: wht/lt orange/crm, sharp, some sndy.

SH: lt green/lt-m gry/red-brn/maroon, some vry silty/sndy, carb, firm-hard.

SH: as above; SS: lt gry/lt green/wht, vf-f, arg, carb, slt friable, no odor, ns.

SH: lt gry/lt green-gry, maroon/min mustard yel, some vry silty/sndy, carb, soft-firm.

SH: lt-dk gry/lt-dk maroon/lt green-gry, mustard yel, some vry silty/sndy, slt carb, soft-firm.

SH: as above.

SH: as above. LS: wht/crm, micro-f xtal, vry chalky, some wht/lt orange chert, no vis por, 1 pce w/brn staining/dul yel cut on break, stg odor, sso.

LS: wht/crm/lt brn, vf-f xtal, vry chalky, some sndy, abund wht/crm/lt yel chert, 1 pce chert and 1 pce wht dolo w/brn staining w/ppt in-xtal por, yel cut on break, stg odor, so.

Dolo: wht/crm, vf-f xtal, some ppt in-xtal por, abund chert: wht/lt yel/crm, some tripolitic, 14 pcs dolo w/staining, gd yel cut on break, gas bubbles, some chert pcs w/staining, yel cut on break, stg odor.

Dolo: wht/crm, vf-f xtal, ppt-vf in-xtal por, abund wht/crm sharp/tripolitic chert, 13 pcs dolo w/staining, yel flor/cut, stg odor.

CFS @ 3640', Stop/30"/60".

LS: wht/crm, vf-f xtal, some sndy, grainy, abund wht/crm chert, some ppt in-xtal por, stg odor, nsfo.

LS: wht/crm, vf-f xtal, some sndy, grainy, abund wht/crm chert, no vis por, 1 crm Dolo pce w/so assume from above, stg odor, nsfo.

LS: as above, some chalky, abund wht/crm chert, no vis por, stg odor, nsfo. (Smpl has flood of SH: varied color).

LS: wht/crm/lt gry, vf-f xtal, sndy/chalky, sucrosic, abund wht/crm chert, stg odor, no vis por, nsfo. (SH flood).

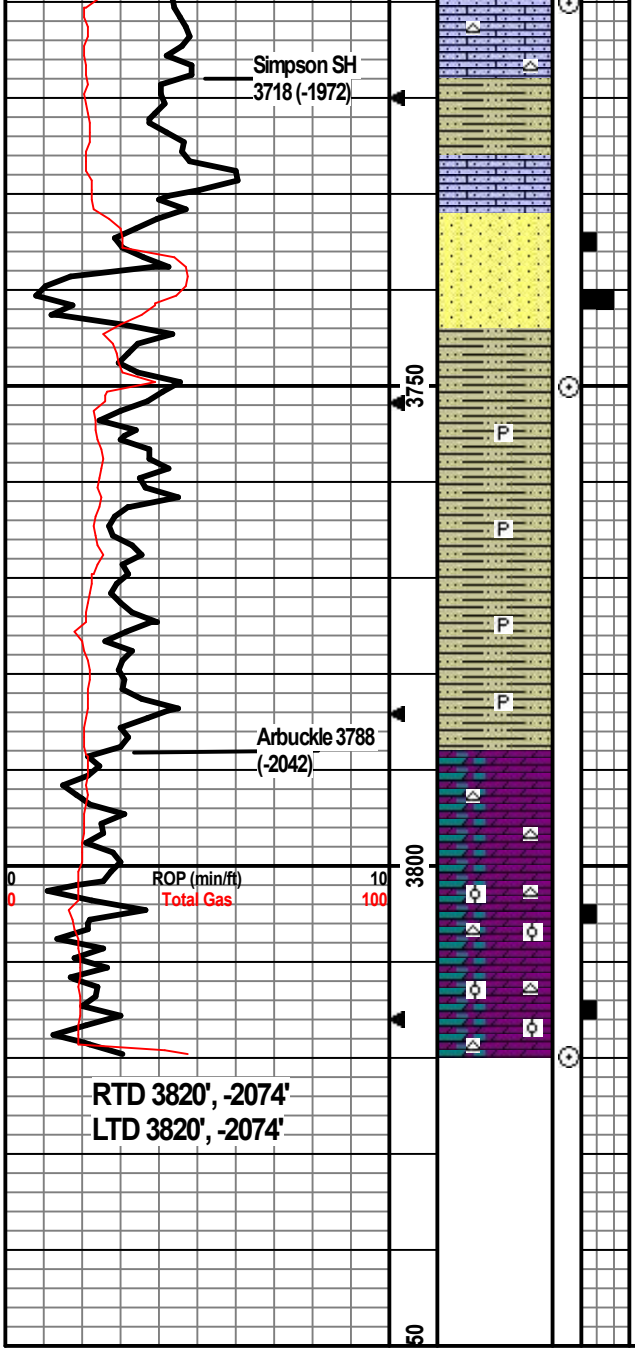
Premix added at 3688.

LS/Chert as above, slt odor. (SH flood).

LS: wht/crm/lt gry/lt brn, vf-f xtal, silty/sndy, chalky, abund wht/crm chert, slt odor, some ppt in-xtal por, nsfo.

LS: crm/lt brn, micro-f xtal, some wht chert, foss frags/fusln, no vis por, no odor, ns. (SH flood, smpl qual poor).

CFS @ 3710', Stop/30"/60".



LS: wht/crm, micro-m xtal w/2ndry xtals, sndy, chalky, wht chert, no vis por, no odor, ns.

SH: m-dk gry/gry-green, some vry silty, slt carb, firm.

LS: crm/lt-m brn/green-gry, vf-m xtal, some vry arg/sndy, no vis por, no odor, ns.

SS: wht/lt gry/lt-m brn, vf-m, sr-wr, some carb, some arg, friable, stg odor, 9 pcs w/brite yel fluor w/fo on break w/gas bubbles, gd sfo.

SS: wht/lt gry/lt-dk brn, vf-m, sr-wr, slt carb matrix, 19 pcs w/sheen w/fo on break, bright yel fluor, stg odor, gsfo.

SH: lt gry/gry-green/dk brn, some vry silty, carb, firm.

SH: lt gry/lt gry-green/brn, some vry silty/sndy, slt pyritic, slt carb, soft-firm, no odor. SS cluster from above.

SH: lt-m gry/lt gry-green/min maroon and mustard yel, some vry silty/sndy, slt pyritic, slt carb, soft-firm, no odor. SS cluster from above.

Dolo: crm/lt gry//lt brn, vf-f, sndy, sucrosic, ppt-vf in-xtal por, min wht/crm chert, no odor, ns.

Dolo: crm/lt brn, vf-m xtal, sucrosic, ool, sndy, ppt-m in-xtal por w/min crs, some dul yel min fluor, 4 pcs w/brite fluor and cut w/ppt por, wht/brn chert some ool, slt odor, sso.

Dolo: as above. In 30min smpl; 3 pcs w/ppt por, brite fluor and cut, slt odor. 60min smpl; 1 pce w/ppt por, brite fluor and cut, slt odor, min pink lt dolo.

TD @ 3820'.

Mud Inc. Check #6 @ 3712'
03/18/22 01:15pm
wt vis pH chl
9.3 63 11.0 4300
Filt LCM
6.4 2
Note: make up water is 2000 chlorides, 140 calcium.

CFS @ 3750', Stop/30"/60".

Mud Inc. Check #7 @ 3820'
03/19/22 09:30am
wt vis pH chl
9.2 46 11.0 4900
Filt LCM
7.2 2

Pipe strap TOH for logging was 0.84' short to the board.

CFS @ 3820', Stop/30"/60".

After CFS, conducted 25 std wiper trip, then cir on bottom 1.5 hrs to condition hole, then TOH for logging.

HURRICANE SERVICES INC

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

Customer:

GRAND MESA
OPERATING CO
1700 N WATERFRONT PKWY
BLDG 600
WICHITA, KS 67206-5514

Invoice Date:	3/13/2022
Invoice #:	0359445
Lease Name:	Schweizer
Well #:	5-35 (New)
County:	Reno, Ks
Job Number:	WP2522
District:	Pratt

Date/Description	HRS/QTY	Rate	Total
Surface	0.000		
H-CON	175.000		
Cement Pozmix 60/40	175.000		
Calcium Chloride	453.000		
Cello Flake	44.000		
8 5/8" Top rubber plug	1.000		
Light Eq Mileage	45.000		
Heavy Eq Mileage	90.000		
Ton Mileage	711.000		
Cement Blending & Mixing	350.000		
Depth Charge 0'-500'	1.000		
Cement Plug Container	1.000		
Cement Data Acquisition	1.000		
Service Supervisor	1.000		

Total

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!

Hurricane Services, Inc.
250 N. Water St., Suite #200
Wichita, KS 67202

Customer	Grand Mesa Operating	Lease & Well #	Schweitzer 5-35			Date	3/13/2022
Service District	Pratt Kansas	County & State	Reno Kansas	Legals S/T/R	35-22s-10w	Job #	
Job Type	Surface ☑ PROD ☐ INJ ☐ SWD	New Well?	☑ YES ☐ No			Ticket #	wp 2522

Equipment #	Driver
916	M Brungardt
523/522	R Osborn
182/256	W Waits

Job Safety Analysis - A Discussion of Hazards & Safety Procedures

☑ Hard hat	☑ Gloves	☐ Lockout/Tagout	☐ Warning Signs & Flagging
☑ H2S Monitor	☑ Eye Protection	☐ Required Permits	☐ Fall Protection
☑ Safety Footwear	☐ Respiratory Protection	☑ Slip/Trip/Fall Hazards	☐ Specific Job Sequence/Expectations
☑ FRC/Protective Clothing	☐ Additional Chemical/Acid PPE	☑ Overhead Hazards	☑ Muster Point/Medical Locations
☐ Hearing Protection	☑ Fire Extinguisher	☐ Additional concerns or issues noted below	

Comments

Product/ Service Code	Description	Unit of Measure	Quantity			Net Amount
cp025	H-Con	sack	175.00			
cp070	60/40/2 Pozmix	sack	175.00			
cp100	Calcium Chloride	lb	453.00			
cp120	Cello-flake	lb	44.00			
fe285	8 5/8" Rubber Plug	ea	1.00			
m015	Light Equipment Mileage	mi	45.00			
m010	Heavy Equipment Mileage	mi	90.00			
m020	Ton Mileage	tm	711.00			
c060	Cement Blending & Mixing Service	sack	350.00			
d010	Cement Depth Charges	job	1.00			
c050	Cement Plug Container	job	1.00			
c035	Cement Data Acquisition	job	1.00			
r061	Service Supervisor	day	1.00			

Customer Section: On the following scale how would you rate Hurricane Services Inc ?

Based on this job, how likely is it you would recommend HSI to a colleague?

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☒

Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely

Total Taxable	$ -	Tax Rate:		Net:	
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:	$

HSI Representative: Mark Brungardt

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 ½% 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 fom 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 informaiton in determining taxable services.

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**

ftv: 15-2021/01/25
mplv: 255-2022/02/18

CEMENT TREATMENT REPORT

Customer:	Grand Mesa Operating	Well:	Schweitzer 5-35	Ticket:	wp 2522
City, State:	Sylvia Kansas	County:	Reno Kansas	Date:	3/13/2022
Field Rep:	James Mayfeild	S-T-R:	35-22s-10w	Service:	Surface

Downhole Information	
Hole Size:	12 1/4 in
Hole Depth:	282 ft
Casing Size:	8 5/8 in
Casing Depth:	282 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	16.5 bbls

Calculated Slurry - Lead	
Blend:	H-Con
Weight:	12.0 ppg
Water / Sx:	14.5 gal / sx
Yield:	2.47 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	310%
Total Slurry:	77.0 bbls
Total Sacks:	175 sx

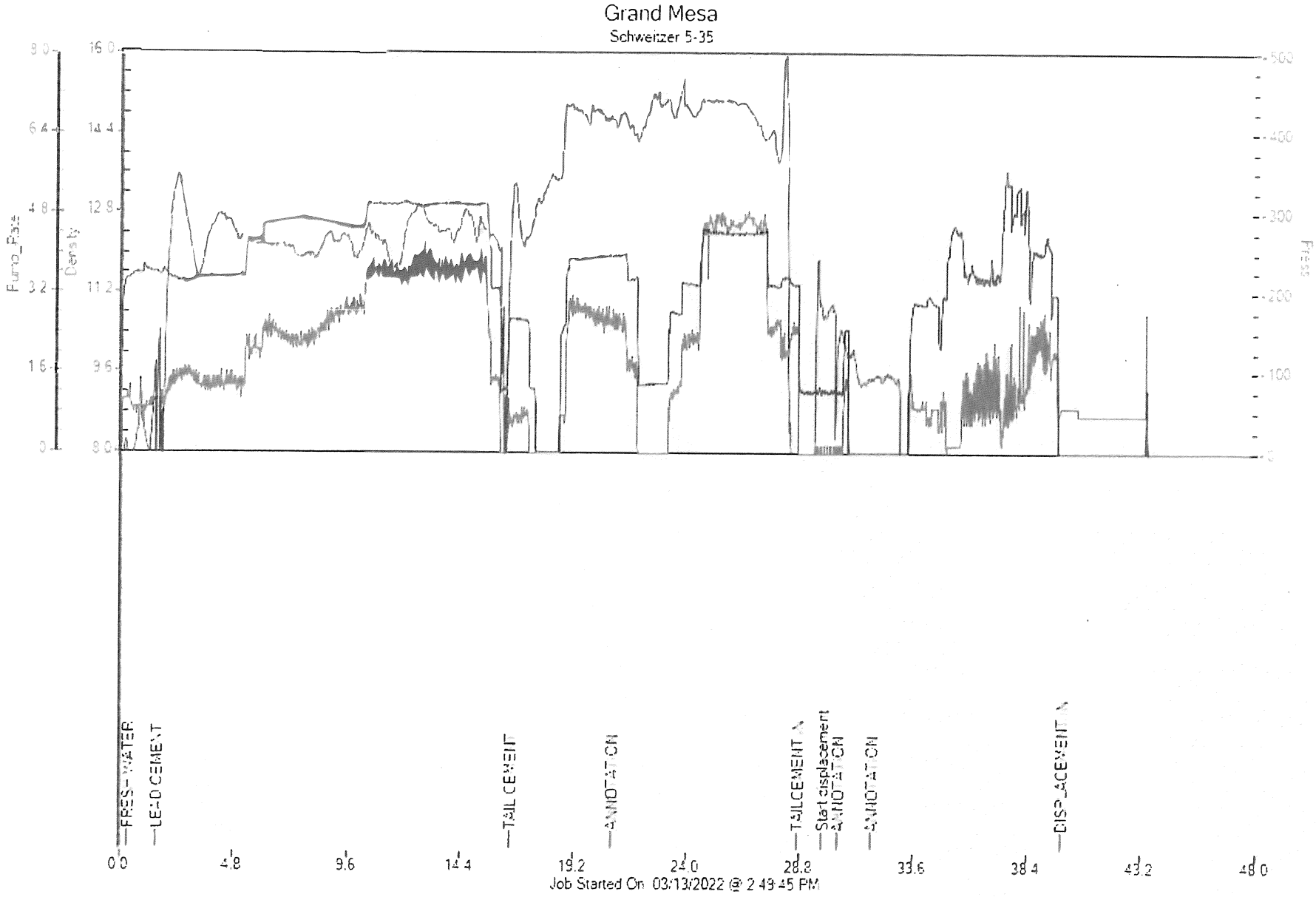
Calculated Slurry - Tail	
Blend:	60/40 2 & 3
Weight:	14.8 ppg
Water / Sx:	5.1 gal / sx
Yield:	1.21 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	235%
Total Slurry:	37.7 bbls
Total Sacks:	175 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
11:30 AM			-	-	on location job and safety
11:45 AM				-	spot trucks and rig up
2:00 PM				-	start casing in the hole
2:50 PM				-	pipe on bottom and circulate
2:55 PM				-	start cement
	3.0	150.0	5.0	5.0	fresh water
	3.0	150.0	77.0	82.0	mix 175 sacks h-con
	4.5	300.0	38.0	120.0	mix 175 sacks 60/40 2& 3
3:25 PM				120.0	cement in and shut down
					release plug
3:30 PM				-	start displacement
3:45 AM	3.0	150.0	16.5		displacement in and close in the well
					circulate 10 bbls to the pit

CREW		UNIT
Cementer:	M Brungardt	916
Pump Operator:	R Osborn	523/522
Bulk #1:	W Waits	182/256
Bulk #2:		

SUMMARY		
Average Rate	Average Pressure	Total Fluid
3.4 bpm	188 psi	137 bbls

ftv: 15-2021/01/25
mplv: 255-2022/02/18


Grand Mesa
Schweitzer 5-35
Fluid_Rate
Density
Press
8.0
6.4
4.8
3.2
1.6
0
16.0
14.4
12.8
11.2
9.6
8.0
500
400
300
200
100
0
FRESH WATER
LEAD CEMENT
TAIL CEMENT
ANNOTATION
TAILCEMENT A
Start displacement
ANNOTATION
ANNOTATION
DISPLACEMENT A
0.0
4.8
9.6
14.4
19.2
24.0
28.8
33.6
38.4
43.2
48.0
Job Started On: 03/13/2022 @ 2:49:45 PM

CEMENT TREATMENT REPORT

Customer:	Grand Mesa Operating	Well:	Schweitzer 5-35	Ticket:	wp2549
City, State:	Sylvia Kansas	County:	Reno Kansas	Date:	3/19/2022
Field Rep:	Kent Matson	S-T-R:	35-22s-10w	Service:	Production casing

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	3820 ft
Casing Size:	5 1/2 in
Casing Depth:	37800 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	90.0 bbls

Calculated Slurry - Lead	
Blend:	H-Ld
Weight:	15.0 ppg
Water / Sx:	6.2 gal / sx
Yield:	1.49 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	40.0 bbls
Total Sacks:	150 sx

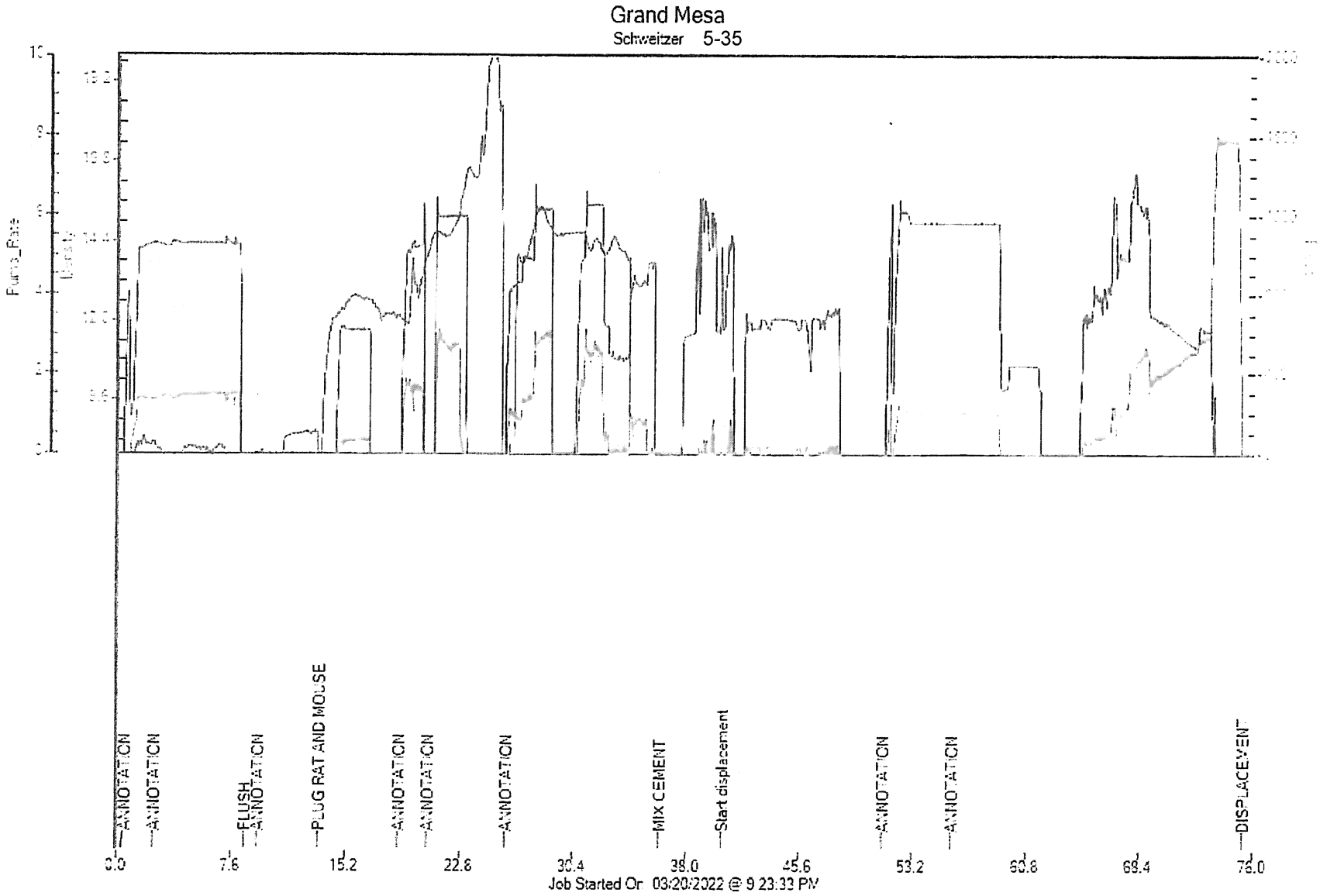
Calculated Slurry - Tail	
Blend:	H - plug
Weight:	13.7 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.43 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	12.7 bbls
Total Sacks:	50 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
3:45 PM			-	-	on location job and saefty
4:00 PM				-	spot trucks and rig up
				-	turbolizers 5 7 9 11 13 15
				-	basket 2
6:15 PM				-	start casing in the hole
8:20 PM				-	casing on bottom and circulate
9:25 PM				-	start flush
	5.0	270.0	5.0	5.0	fresh
	5.0	270.0	24.0	29.0	mud flush
	5.0	270.0	5.0	34.0	fresh
9:42 PM	2.0	-	12.7		plug rat and mouse holes.....,rat hole mix 30 sacks.....mouse hole 20 sacks
9:50 PM					start cement down hole
	6.0	240.0	40.0		mix 150 sacks
10:05 PM					cement in and shut down
					wash pump and lines and release plug
10:20 PM					start displacement
	6.0	200.0	20.0		
	6.0	200.0	40.0		
	5.0	220.0	50.0		
	5.0	400.0	60.0		
10:45 PM	3.0	500.0	90.0		plug down.....took pressure from 500 psi to 1500.....float and plug did hold

	CREW	UNIT
Cementer:	M Brungardt	916
Pump Operator:	R Osborn	523/522
Bulk #1:	J travino	181/533
Bulk #2:		

SUMMARY		
Average Rate	Average Pressure	Total Fluid
4.8 bpm	257 psi	347 bbls

ftv: 15-2021/01/25
mplv: 105-2021/01/27


Grand Mesa
Schweitzer 5-35
Pump_Rate
Density
ANNOTATION
ANNOTATION
FLUSH
ANNOTATION
PLUG RAT AND MOUSE
ANNOTATION
ANNOTATION
ANNOTATION
MIX CEMENT
Start displacement
ANNOTATION
ANNOTATION
DISPLACEMENT
0.0
7.6
15.2
22.8
30.4
38.0
45.6
53.2
60.8
68.4
76.0
Job Started On: 03/20/2022 @ 9:23:33 PM

ELI WIRELINE SERVICES

Please Remit To:
P.O. Box 549
Hays, KS 67601
Phone: (785) 628-6395
Fax: (785) 628-3651

FIELD TICKET No. - 6454

DATE 4/13/22

UNIT # 4817

INVOICE NO.	P.O. NO. AFE NO.
CUSTOMER Grand Mesa Operating	LEASE Schweizer #5-35 WELL NO.
ADDRESS	FIELD STATE KS COUNTY Reno
	LOCATION
CITY	CASING SIZE & WT. TBG. SIZE
STATE ZIP	TYPE OF JOB
ORDERED BY	TITLE SERVICE SUPV.

PART NO.	DESCRIPTION	REV. CODE	QTY.	UNIT PRICE	AMOUNT
	Service charge		1		
	4" Gun		1		
	shot at 3732-3735				
2	Jet Perf				
12	4039-333T				
1	4" Carrier 41				
1	A140				

CALLED OUT	ON LOCATION	COMPLETED		
Time	Time	Time	TOTAL SERVICE & MATERIALS	
Date	Date	Date	DISCOUNT	
			TAX	
*ACCIDENT REPORT MUST BE ATTACHED WHEN NOT SIGNED			TOTAL CHARGES	

WITH MY INITIALS, I CONFIRM THAT THE TIME SHOWN IN THE "HOURS" COLUMN, ACCURATELY REFLECTS MY COMPENSABLE TIME.

Employee Name (Print)	Hours	Initials
Weeden	6.25	
Townley / Fischer		

CUSTOMER AGREES to pay (the "Company") on a net 45 day basis from date of invoice to avoid loss of discount. Invoices older then 45 days are subject to loss of discount on ticket. If Customer disputes any item invoiced, Customer shall, within 20 days after receipt, notify the Company of the item(s) disputed, specifying the reason(s) therefor; payment of the disputed item(s) may be withheld until settlement of dispute, but payment of undisputed portion of invoice shall be made without delay. All payments shall be made at the address shown on the reverse side of this document. In the absence of a separate written contract, CUSTOMER REPRESENTATIVE REPRESENTS AND WARRANTS THAT HE/SHE IS AUTHORIZED TO ENTER INTO THIS AGREEMENT ON BEHALF OF CUSTOMER AND ACCEPTS ALL TERMS AND CONDITIONS AS PRINTED ON THE REVERSE SIDE OF THIS DOCUMENT (WHICH INCLUDES INDEMNITY LANGUAGE THAT ALLOCATES RISKS RELATED TO THE ABOVE DESCRIBED SERVICES). Pricing and extensions, if shown above, are subject to verification and correction at time of invoicing.

X _____

X _____
CUSTOMER REPRESENTATIVE

White – Main Canary – Customer Pink – Field

ELI WIRELINE SERVICES

Please Remit To:
P.O. Box 549
Hays, KS 67601
Phone: (785) 628-6395
Fax: (785) 628-3651

FIELD TICKET No. - 6456

DATE 4/15/22

UNIT # 4817

INVOICE NO.	P.O. NO.	AFE NO.
CUSTOMER Grand Mesa Operating	LEASE Schweizer #5-35	WELL NO.
ADDRESS	FIELD STATE KS	COUNTY Reno
	LOCATION	
CITY	CASING SIZE & WT.	TBG. SIZE
STATE ZIP	TYPE OF JOB	
ORDERED BY	TITLE	SERVICE SUPV.

PART NO.	DESCRIPTION	REV. CODE	QTY.	UNIT PRICE	AMOUNT
	Service charge		1		
	Pack-off Equipment		1		
	5 1/2 Bridge Plug		1		
	set at 3695				
1-4' Center 4"	4x4 4" Gun		1		
1-A-140	shot at 3620-3624				
6-Mgr Pets					
16-4039-323T					
1-Trustage					
1-Secondary					
1-Primary					

CALLED OUT	ON LOCATION	COMPLETED		
Time	Time	Time	TOTAL SERVICE & MATERIALS	
Date	Date	Date	DISCOUNT	
			TAX	
*ACCIDENT REPORT MUST BE ATTACHED WHEN NOT SIGNED			TOTAL CHARGES	

WITH MY INITIALS, I CONFIRM THAT THE TIME SHOWN IN THE "HOURS" COLUMN, ACCURATELY REFLECTS MY COMPENSABLE TIME.

Employee Name (Print)	Hours	Initials
Weeden	5.5	
Townley / Fischer	5	

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X _____

X _____
CUSTOMER REPRESENTATIVE

White – Main Canary – Customer Pink – Field

Pro-Stim Chemicals LLC

Acidizing Report

Date 4-14-22

Customer: Grand Mesa	Pro-Stim Chemical Yard: Cunningham, KS	Pro-Stim Number: A-5
Well Name & Number: Schweizer 5-35	Formation:	
County: Reno	State: Kansas	Interval: 3732'-35

Well Type: Completion ☒ Recompletion ☐ Workover ☐ Oil ☐ Gas ☐ Water ☐ Disposal ☐ Perf ☒ OH ☐

Job Pumped Via: Tubing ☒ Casing ☐ Annulus ☐ CTU ☐ Combination ☐

Plug Depth	Packer Depth
	3685

Casing Size	GRD	WT	Depth	Tubing Size	Spot
5 1/2				2 7/8	3732

Casing Vol.	Tbg Vol	Ann Vol	OH Vol	Total Displacement
1.11	21.35			22.5 Bbls

Customer Representative Signature: [signature]

250 gals 7.5% MCA Acid; 15 gals ~~HFG-672~~; 5 gals RAS-92; 22.5 bbls 2% KCl Biocide

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure Tubing	Pressure Casing	Observations
							Safety Meeting
							Prs Test to _____ psi
9:00 AM	7 1/2% MCA	2	4.5	4.5	—		spot 4.5 Bbls Acid
							wait 10 minutes
							set Packer @ 3688
9:18	7 1/2% MCA	2.5					start Acid
		2.5	1.5	6	—		250 Gal Acid in
	2% KCl	2.5					start 2% KCl
			15.5	21.5			15.5 Flush tubing Load
9:25	"	.12			250		Stage @ 250
		.12			500		500
		.12			~~750~~ 750		~~750~~
	"	.12			1000		1000
		.25			1500		1500
					1820		psi Break @ 1820 psi
10:25		.40			1000		establish Rate
	"	.40	2	23.5	1000		17.5 Flush
		.40	1.5	25	940		19 "
		.40	.50	25.5	850		19.5 "
	"	.40	.50	26	470		20
		.40	1	27	150		21
	"	.40	1	28	80		22
10:35		—	.50	28.5	0		22.5 step pumps

Treatment Synopsis

Avg Inj Rate	Fluid BPM .40		Total Injected	H2O 22.5	Acid 6	Oil	
Treating Prs	Max 1000	Final 50	Avg. 700	ISIP 0	5'SI	10'SI	15'SI
					20	25	30

AR-CU

Pro-Stim Chemicals LLC

Acidizing Report

Date 4-15-22

Customer Grand Mesa | Pro-Stim Chemical Yard Cunningham | Pro-Stim Number A-13

Well Name & Number Schweizer 5-35 | Formation 3620-24

County | State KS | Interval

Well Type: Completion ☐ Recompletion ☐ Workover ☐ Oil ☐ Gas ☐ Water ☐ Disposal ☐ Perf ☐ OH ☐

Job Pumped Via: Tubing ☒ Casing ☐ Annulus ☐ CTU ☐ Combination ☐ | Plug Depth | Packer Depth 3584

Casing Size: 5 1/2	GRD	WT	Depth	Tubing Size: 2 7/8	Spot 3621 3 bbls
Casing Vol.	Tbg Vol	Ann Vol	OH Vol	Total Displacement 21.5	

Customer Representative Signature

250 gals 7.5% MCA Acid; 15 gal HFG-626; 5 gals RAS-92; 22 bbls 2% KCL Biocide

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure Tubing	Pressure Casing	Observations
	Acid	3	3	3	—		~~Safety Meeting~~ Spot
	Acid	3	3	6			~~Pre-Test to~~ treat ~~psi~~
	flush	3	12.6	18.6			
	—	—	.05	18.65	500		Stage
	—	—	.05	18.7	1000		Stage
	—	.5	.3	19	700		
		.5	.2	19.2	500		
		.5	.3	19.5	200		
		.5	.5	20	50		
		1.1	.5	20.5	150		
		1.1	.5	21	80		
		1.1	1	22	40		
		1.1	1	23	Vac		
		1.4	5	28	Vac		

Treatment Synopsis

Avg Inj Rate	Fluid BPM 1		Total Injected	H2O 21.5	Acid 6	Oil	
Treating Prs	Max 1000	Final Vac	Avg.	ISIP Vac	5'SI	10'SI	15'SI
					20	25	30

AR-CU

Pro-Stim Chemicals LLC

Acidizing Report

Date 4/18/22

Customer Grand Mesa | Pro-Stim Chemical Yard Cunningham | Pro-Stim Number A21

Well Name & Number Schweizer 5-35 | Formation

County Reno | State KS | Interval 3620-24

Well Type: Completion X | Recompletion ☐ | Workover X | Oil ☐ | Gas ☐ | Water ☐ | Disposal ☐ | Perf ☐ | OH ☐

Job Pumped Via: Tubing ☐ | Casing ☐ | Annulus ☐ | CTU ☐ | Combination ☐ | Plug Depth | Packer Depth

Casing Size: 5 1/2	GRD	WT	Depth	Tubing Size: 2 7/8	Spot
Casing Vol.	Tbg Vol		Ann Vol	OH Vol	Total Displacement 21

1250 gals 15% NEFE acid, 13gals RAS-10, 13gals MS-1, 5gals RAS-92, 21bbls 2% KCL Biocide

1250 15% NE/FE
13 Ras-10
13 ms-1 5 Ras-92

Customer Representative Signature _____

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure Tubing	Pressure Casing	Observations
							Safety Meeting
1	Acid	3,2	0	6,0	0	0	Prs Test to _____ psi
3	Acid	3,2	0	12	0	0	
5	Acid	3,2	0	16	0	0	
10	Acid	3,2	0	25	0	0	
15	Acid	3,2	0	30	0	0	Acid Gone
18	Flush	3,2	0	33	0	0	
21	Flush	3,2	0	40	0	0	
25	Flush	3,2	0	47	0	0	
27	Flush	3,2	0	51	0	0	

21 BBLS 29

Treatment Synopsis

Avg Inj Rate	Fluid BPM 3,2		Total Injected	H2O 21	Acid 30	Oil	
Treating Prs	Max 0	Final 0	Avg. 0	ISIP 0	5'SI	10'SI	15'SI
					20	25	30

AR-CU

Pro-Stim Chemicals LLC

217302

Acidizing Report

Date 4-19-22

Customer GRAND MESA	Pro-Stim Chemical Yard CUNNINGHAM	Pro-Stim Number A-25
Well Name & Number SCHNEIZER	Formation	
County RENO	State KS	Interval 3620-24

Well Type: Completion ☐ Recompletion ☒ Workover ☐ Oil ☐ Gas ☐ Water ☐ Disposal ☐ Perf ☐ OH ☐

Job Pumped Via: Tubing ☒ Casing ☐ Annulus ☐ CTU ☐ Combination ☐

Plug Depth	Packer Depth
	3589

Casing Size	GRD	WT	Depth	Tubing Size	Spot
5 1/2				2 7/8	

Casing Vol.	Tbg Vol	Ann Vol	OH Vol	Total Displacement
.83	21 61			21.61 + 5 OVER

Customer Representative Signature Jim Crank

2500 gal 20% 250 ACETIC
15-SDA-95 250-RAS-97
25-RAS-92
27 BBL 2% KCL

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure Tubing	Pressure Casing	Observations
0	GELLED ACID	5.62		3.88	90		Safety Meeting START GELLED ACID
3	"	5.63		21.55	80		Prs Test to _____ psi
4	"	5.63		24	80		GELLED ACID IN
4	ACID	5.63		24.1	80		ON ACID
5	"	7		30	120		
7	"	7.08		41.33	940		
8	"	7		48.72	900		
10	"	7.2		60	960		ACID IN
10	FLUSH	7.2		60.1	960		ON FLUSH
11	"	7.17		71.37	1000		
13	"	7.2		79.88	960		
14	"	7.25		82.98	960		DISPLACED
14	0	0		82.98	VAC		ISIP / JOB COMPLETE

Treatment Synopsis

Avg Inj Rate	Fluid BPM 5		Total Injected	H2O 27	Acid 60	Oil	
Treating Prs	Max 1000	Final 960	Avg. 900	ISIP VAC	5'SI	10'SI	15'SI
					20	25	30

AR-CU