KOLAR Document ID: 1607548

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 J Reilly
Phone: (316) 265-3000
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Kent Matson
Purchaser: Plains Marketing

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 #:

10/25/2021 Spud Date or Recompletion Date
10/31/2021 Date Reached TD
11/24/2021 Completion Date or Recompletion Date

API No.: 15-155-21784-00-00
Spot Description:
E2 - NW - NE - NE Sec. 35 Twp. 22 S. R. 10 ☐ East ☑ West
330 Feet from ☑ North / ☐ South Line of Section
916 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 #: 4-35
Field Name:
Producing Formation: Viola
Elevation: Ground: 1737 Kelly Bushing: 1742
Total Vertical Depth: 3830 Plug Back Total Depth: 3797
Amount of Surface Pipe Set and Cemented at: 241 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: 36000 ppm Fluid volume: 845 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Grand Mesa Operating Co
Lease Name: Miller 1-10 License #: 9855
Quarter SW Sec. 10 Twp. 23 S. R. 10 ☐ East ☑ West
County: Reno Permit #: D-28662.0

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: 02/07/2022
☐ **Confidential Release Date:** 02/07/2024
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Deanna Garrison **Date:** 02/11/2022

Operator Name: Grand Mesa Operating Company Lease Name: SCHWEIZER Well #: 4-35

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 *(Attach Additional Sheets)*	☑ Yes	☐ No	☑ Log Formation (Top), Depth and Datum ☐ Sample
Samples Sent to Geological Survey	☑ Yes	☐ No	Name: Attached Top: Attached Datum: Attached
Cores Taken	☐ Yes	☑ No	
Electric Log Run	☑ Yes	☐ No	
Geologist Report / Mud Logs	☑ Yes	☐ No	

List All E. Logs Run:

CPDN PE Log
DI Log
Dual Receiver Cmt Bnd Log

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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

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: 1/20/2022	Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	10	0	12			

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:	
		Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	3633	3645

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	3752	3756	CIBP Cast Iron Bridge Plug	3720	250gals 7.5% MCA, w/additives & 24bbls 2% KCL
4	3633	3645			11/19/21-250gals 7.5% MCA w/additives, 22bbls 2% KCL
					11/19/21-750gals 15%NEFE, w/additives&32bbls 2% KCL
					11/22/21-2500gals 20% NEFE, w/additives 60bbls 2% KCL

TUBING RECORD:	Size:	Set At:	Packer At:	
	2.875	3691		

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 4-35
Doc ID	1607548

Tops

Name	Top	Datum
Tarkio	2447	-703
Topeka	2605	-863
Heebner	3007	-1265
Lansing	3190	-1448
Stark	3414	-1672
BKC	3491	-1749
BPL	3536	-1794
Viola	3616	-1874
Simpson Shale	3730	-1988
Arbuckle	3800	-2058
LTD	3830	N/A

Form	ACO1 - Well Completion
Operator	Grand Mesa Operating Company
Well Name	SCHWEIZER 4-35
Doc ID	1607548

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	241	60/40 Pozmix	250	3% CC; 2% Gel
Surface	7.875	8.625	23	241	Class "A"	160	N/A
Production	7.875	5.50	15.5	3819	H-LD	150	N/A
Production	7.875	5.50	15.5	3819	H-plug	50	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:	**4-35**
Location:	**330' FNL & 916' FEL, Sec 35-T22S-R10W, Reno County, Kansas**
License Number:	**API: 15-155-21781** **Region: Reno County**
Spud Date:	**10/25/2021** **Drilling Completed: 10/31/2021**
Surface Coordinates:	**NAD83**
	Lat: 38.0996854, Long: -98.3846148
Bottom Hole Coordinates:	**Vertical hole**
Ground Elevation (ft):	**1737'** **K.B. Elevation (ft): 1742'**
Logged Interval (ft):	**2300'** **To: RTD** **Total Depth (ft): 3830'**
Formation:	**Arbuckle at RTD**
Type of Drilling Fluid:	**Chemical**

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 241' (KB) w/250 sx cement, did not circ; pumped 160 sx w/1" pipe in back side, cement did circ.
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., Chris Hageman, 785-623-4488 (office).
Logs by: ELI Wireline (CND w/PE, DI w/SP, Micro, Sonic), Gus Pfanenstiel, 785-628-6395 (cell).
RTD= 3830', -2088'.
LTD= 3830', -2088'.

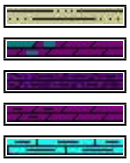
FORMATION TOPS

FORMATION	SAMPLE TOPS Depth	Datum	LOG TOPS Depth	Datum
Tarkio	2445'	-703	2445'	-703
Topeka	2604'	-862	2605'	-863
Heebner	3006'	-1264	3007'	-1265
Lansing	3192'	-1450	3190'	-1448
Stark Shale	3412'	-1670	3414'	-1672
Base KC	3492'	-1750	3491'	-1749
Viola	3614'	-1872	3616'	-1874
Simpson SH	3732'	-1990	3730'	-1988
Arbuckle	3801	-2059	3800'	-2058
RTD	3830	-2088		
LTD			3830'	-2088

ROCK TYPES

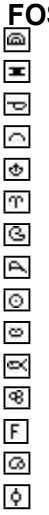
LITHOLOGY

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



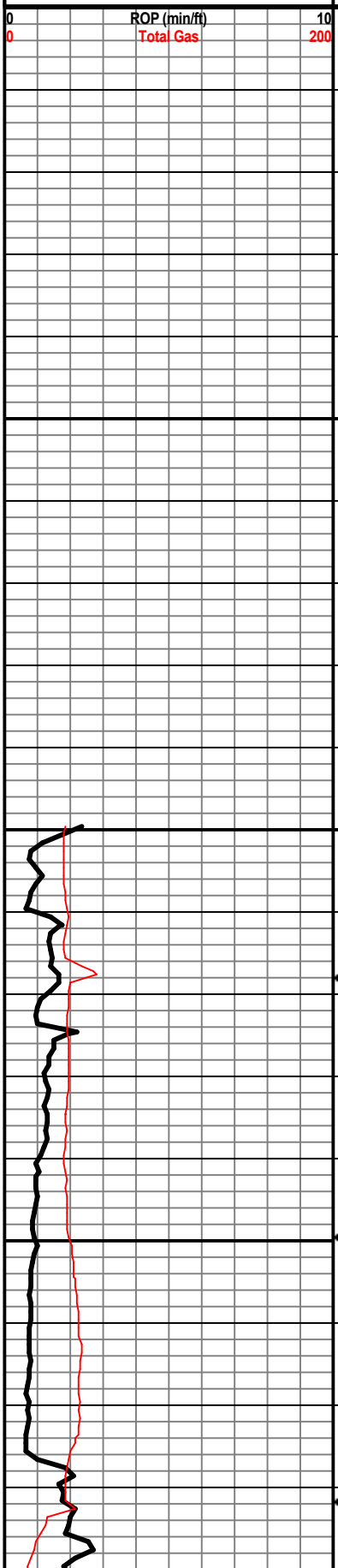
Algae
Amph
Belm
Bioclst
Brach
Bryozoa
Cephal
Coral
Crin
Echin
Fish
Foram
Fossil
Gastro
Oolite

Ostra
Pelec
Pellet
Pisolite
Plant
Strom
Fuss
Oomold

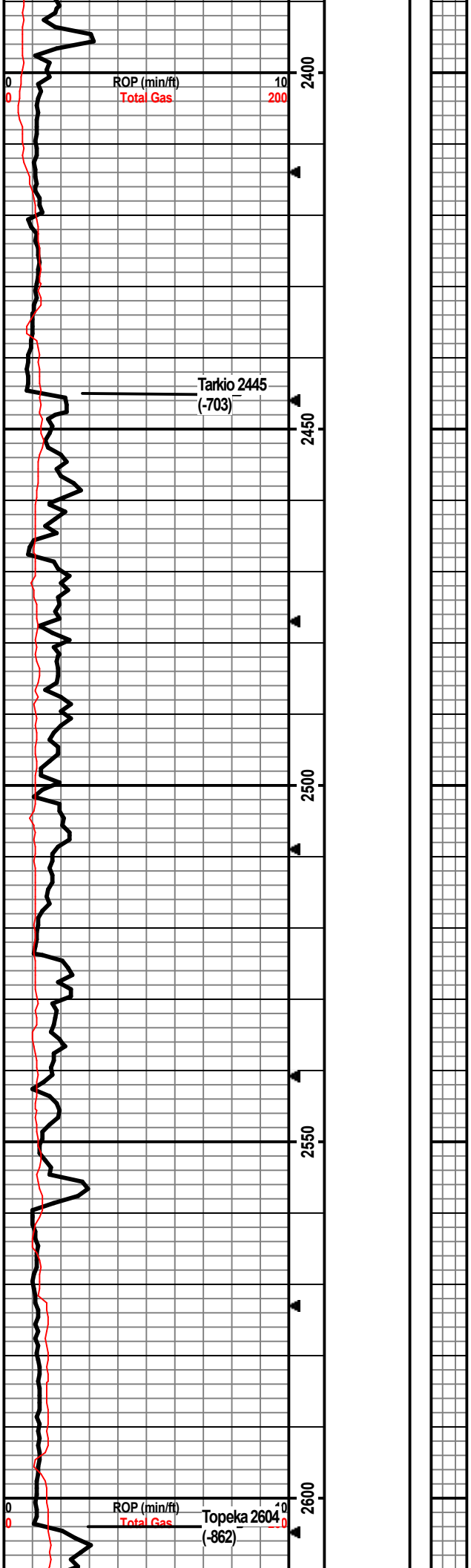
MINERAL

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

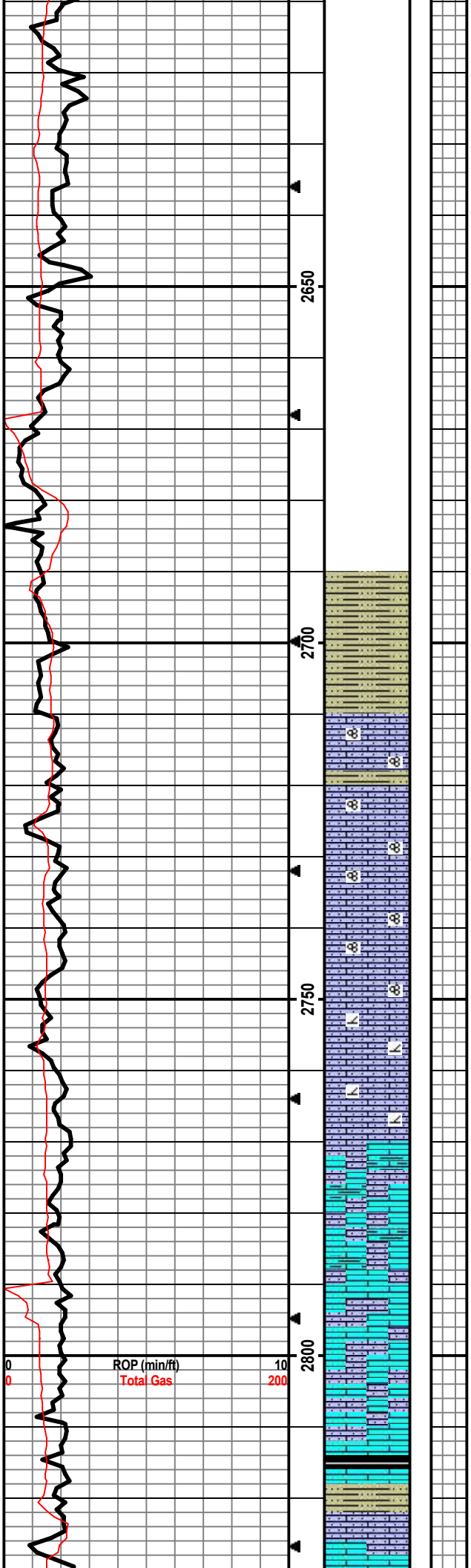
Ferrpel
Ferr
Glau
Gyp
Hvymin
Kaol
Marl
Minxl
Nodule
Phos
Pyr
Salt
Sandy
Silt
Sil
Sulphur
Tuff
Chlorite
Dol
Sand
Slty



DEPTH	Lithology	CFS Point	Oil Shows	Geological Descriptions	Remarks
22				**Morning Report Depth/Activity (7:00 am)** 10/22/2021: MIRU. 10/25/2021: Finish RU, Spud. 10/26: Drilling @332'. 10/27: Drilling @1750'. 10/28: Drilling @2680'. 10/29: Drilling @3208'. 10/30: Drilling @3608'. 10/31: 03:15am TD @3830'; 7am CTCH after wiper trip to SC.	Mud-Co/Service Mud Inc. Check #1 @0' 10/22/16; predrilling instructions. Mud-Co/Service Mud Inc. Check #2 @590' 10/26/21 10:45am wt vis pH chl 8.9 28 7.0 NA Filt LCM n/c 0 Mud-Co/Service Mud Inc. Check #3 @1955' 10/27/21 11:30am wt vis pH chl 9.7 27 7.0 135000 Filt LCM n/c 0
2250				<<<<~~~~ 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. Geologist on location @2290', 10/27/2021	
2300				ROP Data begins @ 2300' on 10/27/2021. Recorded from drillers geolograph record, and iball/Bloodhound gas detector system. Formation tops and lithologies have been adjusted to correlate to the electric log.	Drill cutting samples at 20' intervals start at 2300'. Samples from 2300' to 2700' were too fine for descriptions. Survey Record Deg @ Ft 0.75 @241' 1.0 @3830'
2350					



Added premix w/20 sx hulls @ 2400'.



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

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

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

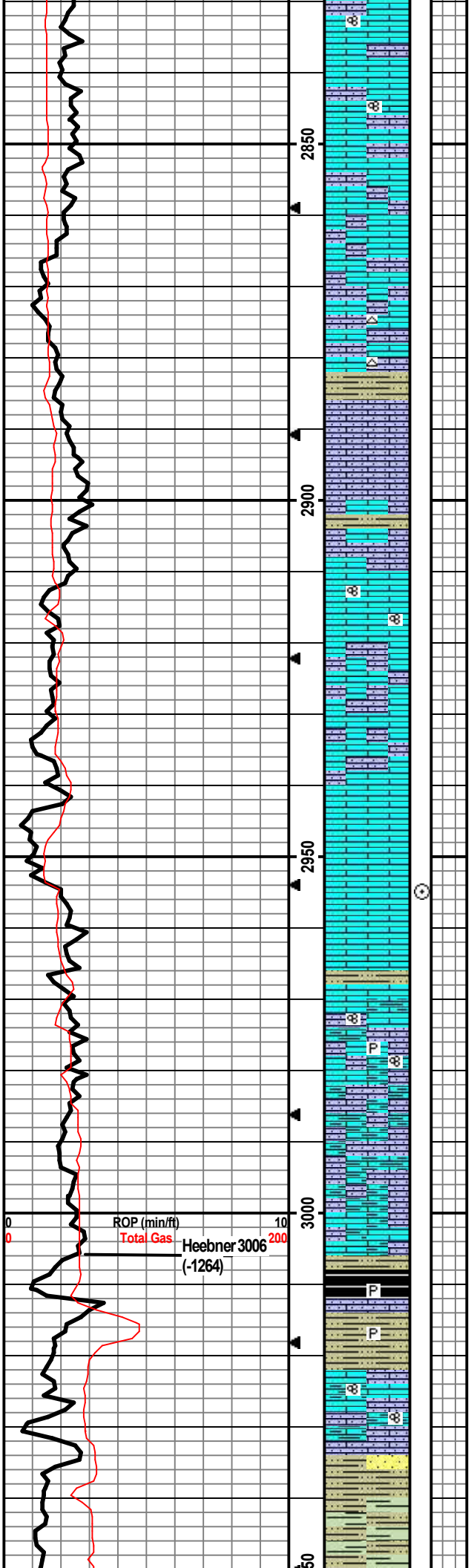
LS: wht/crm/lt gry, vf-m xtal, some vry silty, some dolomitic, min foss frags, some ppt in-xtal por, no odor, ns.

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

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

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

Mud-Co/Service Mud Inc.
Check #4 @ 2796' 10/28/21
10:45am
wt vis pH chl
9.7+ 31 7.0 83000
Filt LCM
n/c 2



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

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

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

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

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

LS: wht/crm, vf-m xtal, some chalky, min foss frags/fusln, no vis por, ns.

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

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

Poor sample quality due to mud displacement (see side notes). Assumed LS.

LS: crm/lt gry-brn, vf-m xtal, some silty/arg, some pyritic, foss frags/fusln, min ppt in-xtal por, no odor, ns.

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

LS: same as above, no odor, ns.

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

SH: m-dk gry/blk/dk brn, some silty, slt carb, pyritic, firm, fissile.

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

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

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

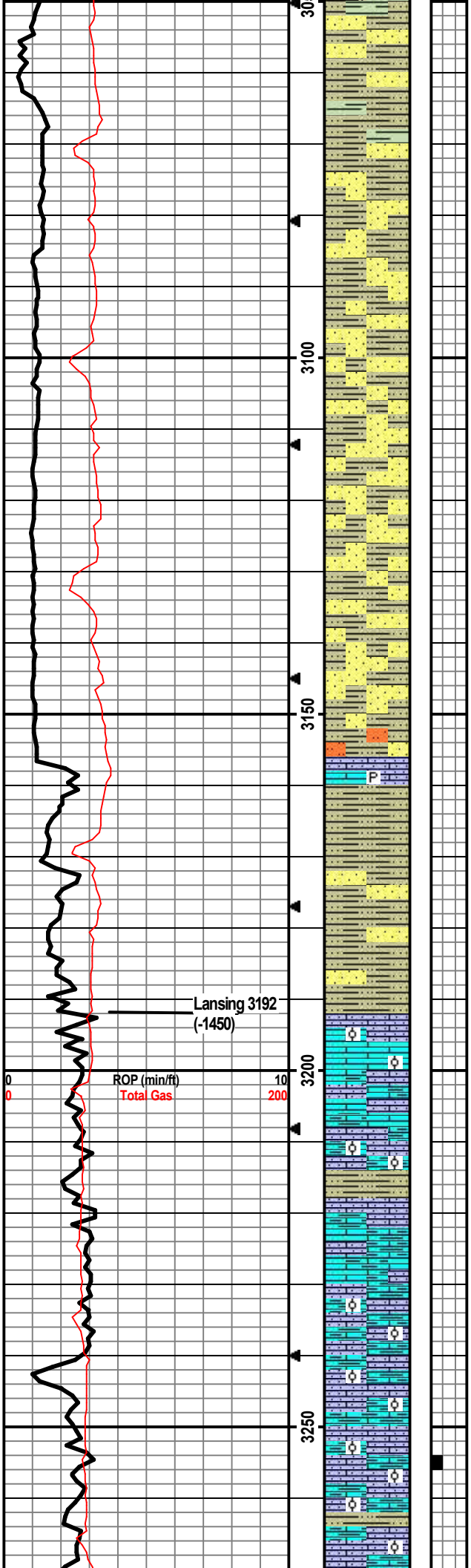
Drill cutting samples at 10' intervals start at 2900'.

Displaced drilling mud @ 2955' (750 bbls). Stopped drilling during displacement due to pumping from small transfer pit to reserve pit approx 1-mile SW of rig.

During displacement hole was taking in salt water. Mudco on location to help mitigate.

Mud-Co/Service Mud Inc.
Check #5 @ 2977' 10/29/21 12:15am
wt vis pH chl
9.0 40 10.5 24000
Filt LCM
15.2 3

@ 2991' 10/29/21 12:50am
wt vis pH chl
9.1 40 10.5 28000
Filt LCM
14.4 2



SH: as above w/min SS: lt gry, pred qtz, vf-f, sr-wr, hard/friable, no odor, ns.

SH: lt-dk gry/lt green-gry, some silty, slt carb, firm, fissile. Increase in SS: lt gry, pred qtz, vf-f, sr-wr, friable, no odor, ns.

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

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

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

LS: crm/lt brn, vf-m xtal, silty/sndy, min foss frags, pyritic, some ppt-vf in-xtal por, no odor, ns.

SH: med-dk gry, some silty, slt carb, slt pyritic, soft-firm, fissile; few pcs SS: lt gry, f-m, sr-wr, firm-hard, friable; no odor, ns.

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

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

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

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

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

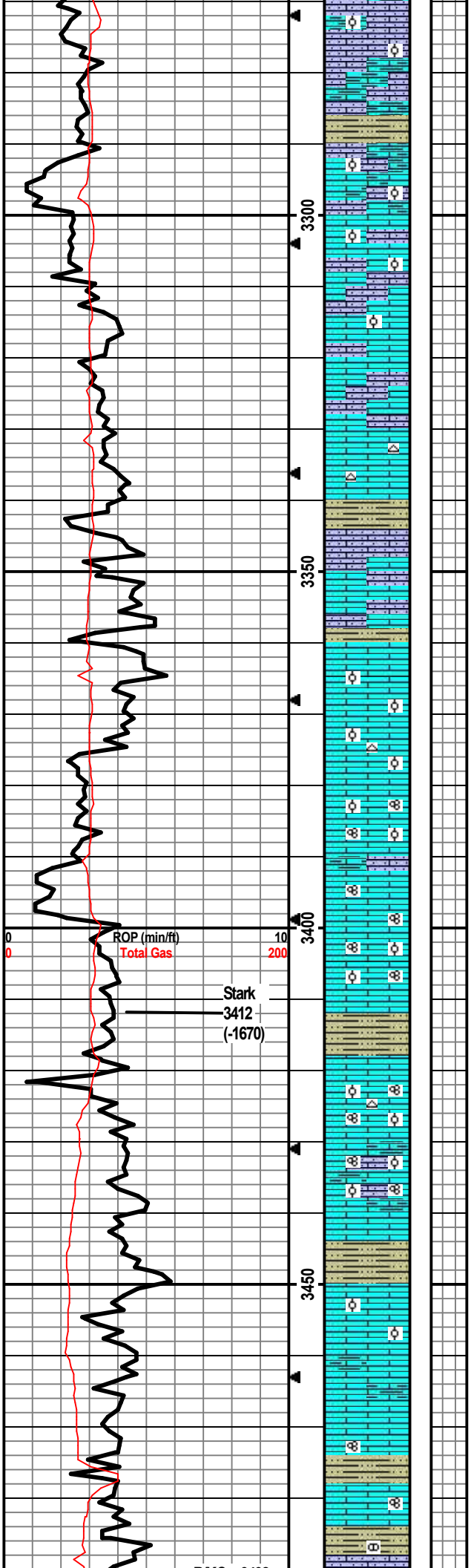
LS: crm/lt-m brn, vf-m xtal, some vry silty/arg, some chalky, foss frags/dense ool, no vis por, no odor, ns.

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

LS: crm/lt-m brn/lt gry, vf-m xtal, some chalky, some silty/arg, foss frags/ool, min crs oo-castic por, no odor, ns.

LS: crm/lt-m brn/lt gry, vf-m xtal, some silty/arg/chalky, min wht/lt brn ool chert, foss frags/ool, min oo-castic por, min crs oo-castic por, slt odor, no fluor, ns.

LS: crm/lt-dk brn/lt gry, vf-m xtal, some vry silty/arg, some chalky, foss frags/ool, min crs oo-castic por, no odor, ns.



LS: crm/lt-m brn, micro-m xtal, some silty/arg/chalky, foss frags/ool, min crs oo-castic por, no odor, ns.

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

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

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

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

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

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

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

SH: m-dk gry/blk, some silty, slt carb, soft-firm.
LS: crm/lt-m brn, micro-m xtal, some chalky, some silty, min foss frags, no vis por, no odor, ns.

LS: crm/lt brn, micro-fn xtal w/some 2ndary xtals, some silty, chalky, min foss frags, no vis por, no odor, ns.

LS: crm/lt brn, micro-m xtal, chalky, foss frags/fusln/ool, some crs oo-castic por, no odor, ns.

LS: crm/lt brn/lt gry, micro-m xtal, chalky, foss frags/fusln/ool, min lt brn chert, some crs oo-castic por, no odor, ns.

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

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

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

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

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

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

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

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

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

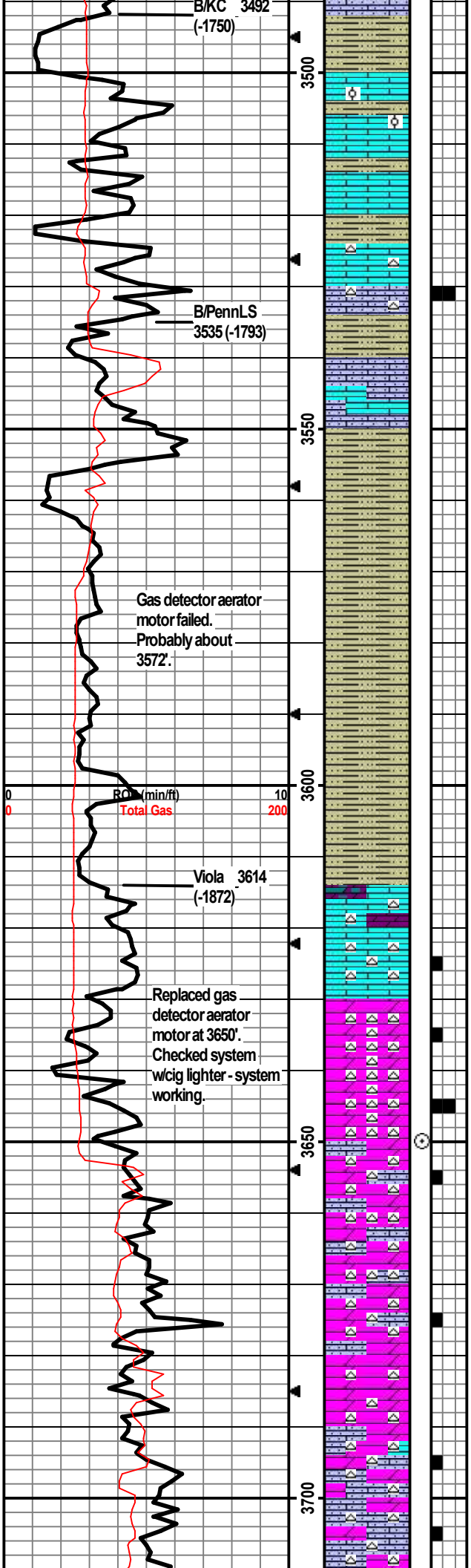
LS: crm/lt brn, micro-fn xtal, some chalky, foss frags/grainy/fusln, no vis por, no odor, ns.

SH: med-dk gry, some vry silty, few LS nod, some slt carb, soft-firm, fissile.

Mud-Co/Service Mud Inc.
Check #6 @ 3303' 10/29/21
10:55am

wt	vis	pH	chl
9.1	42	9.5	26600

Filt	LCM
5.6	1.5



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

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

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

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

LS: wht/crm, micro-m xtal, some vry chalky/sndy, wht/orange chert, min foss frags, 16 pcs w/blk tar oil, yel fluor on break, ppt in-xtal por, gd odor, gd so.

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

LS: crm/lt brn/lt gry/lt green-gry, micro-m xtal, some vry sndy/chalky, yel-orange chert w/tripolitic, no vis por, 6 pcs w/so assume from above, gd odor.

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

SH: as above, few LS pcs w/show assume from above w/slt odor.

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

SH: lt-dk gry/lt green-gry, maroon, some silty, slt carb, soft-firm. (few pcs w/show and slt odor from above).

SH: as above; 8 pcs w/show and gd odor from above).

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

SH: as above. LS: wht/crm, micro-f xtal, some chalky, some wht/orange chert, min foss frags, few crm Dolo pcs, some ppt-vf in-xtal por, no odor, ns.

LS: wht/crm/lt brn, vf-f xtal, some chalky, some sndy, abund wht/orange chert, 3 pcs w/brn staining w/ppt in-xtal por, yel cut on break, gd odor, so.

Dolo: crm, vf-f xtal, some ppt in-xtal por, abund chert: wht/lt yel/crm/dk gry, some tripolitic, 2 chert pcs w/staining, yel cut on break, stg odor.

Dolo: wht/crm, vf-f xtal, ppt-vf in-xtal por, abund wht/crm tripolitic chert, 3 pcs w/so, staining on smpl surface but oil droplets when crushed, yel flor/cut, strong cup odor, sfo. 18 pcs in 60min w/staining and gas bubbles.

Dolo: wht/crm/lt brn, vf-f xtal, ppt-f in-xtal por, abund wht/crm chert, 4 pcs w/lt brn staining and droplets when crushed, yel flor/cut, gd cup odor, sfo. Some LS: wht/crm, vf-f xtal, sndy, no vis por.

Dolo/LS/Chert as above, gd odor but ns.

Dolo: wht/crm/lt brn, vf-f, ppt-f in-xtal por, 2 pcs w/brn staining w/fo on break, gd odor, yel fluor; LS: wht/crm, vf-f xtal, grainy, chalky/silty/sndy, no vis por; abund wht/lt yel/crm chert, dense, no vis por.

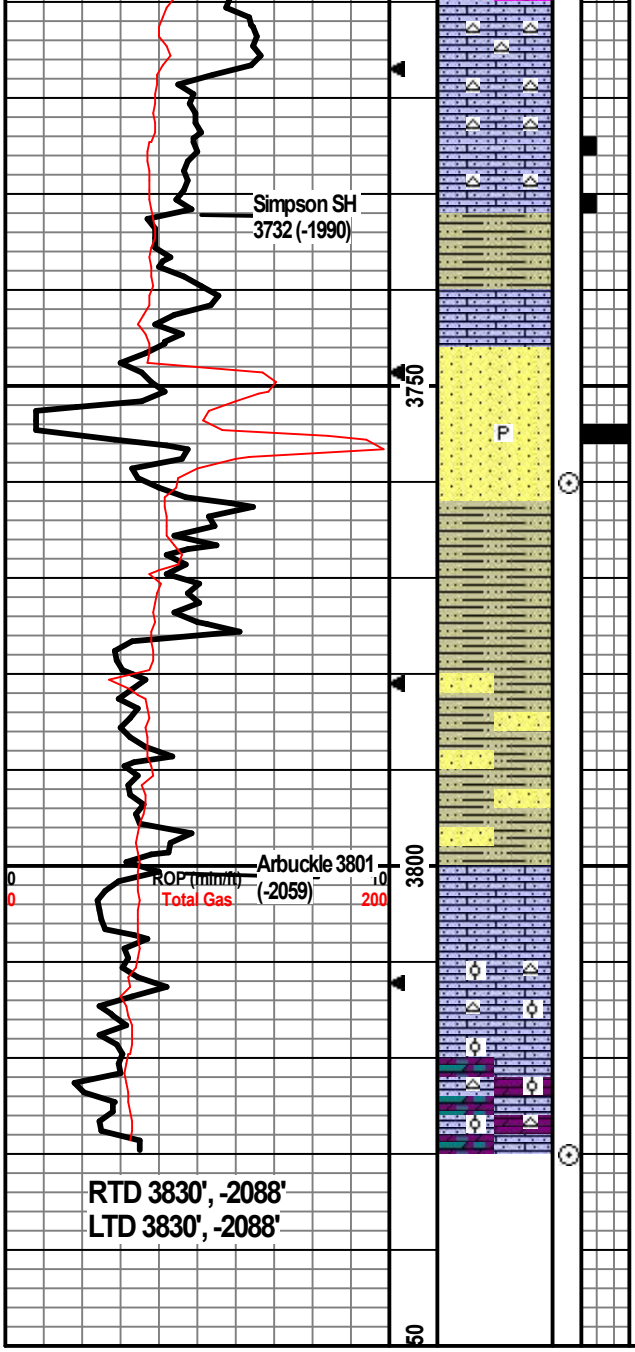
Dolo/LS/Chert: same as above, slt odor, ns.

LS: wht/crm, micro-fn xtal, sndy/chalky, abund wht chert, 2 pcs crm dolo w/staining, fo on crush, yel fluor, slt odor, ppt-f in-xtal por; wht/crm/lt yel chert.

LS/Dolo/Chert as above: 1 pcs Dolo w/brn staining w/fo on crush, ppt-f in-xtal por, slt odor, ssfo.

Mud-Co/Service Mud Inc.
Check #7 @ 3621' 10/30/21
08:10am
wt vis pH chl
9.1 40 9.5 19300
Filt LCM
5.6 4

CFS @ 3650', Stop/30"/60".



LS: wht/crm, micro-fn xtal, vry sndy, chalky, abund wht chert, few pcs crm dolo, dense no vis por, no odor, ns.

LS: as above w/chert. Min SS: wht, vf-f, sr-wr, carb matrix, friable, 1 hard pcs w/dk brn/blk staining, slt yel fluor w/break, slt crush odor, ns.

Mostly LS as above w/chert. Min SS: wht, vf-f, sr-wr, slt carb matrix, friable, 1 pcs of chert w/blk oil staining on edge, slt odor, sso.

SS: wht/lt gry/lt brn, vf-m, sr-wr, carb matrix, friable, no odor, ns.

SS: crm/lt gry/lt brn, vf-f, some m-crs, sr-wr, slt carb matrix, some pyritic, 22 pcs w/sheen w/fo on break, bright yel fluor, stg odor, gsfo.

CFS @ 3760', Stop/30"/60".

Sample mostly Dolo/LS/SS. Dolo: crm, vf-f, sndy, ppt-vf in-xtal por; LS: wht/crm, vf-f xtal, sndy/chalky, no vis por, wht chert, no odor, ns. Some SS as above, no show.

Sample mostly Dolo/LS. LS: wht/crm, vf-f xtal, sndy/chalky, no vis por, wht/lt gry chert; Dolo: crm/lt brn, vf-f, sndy, ppt-vf in-xtal por, no odor, ns.

LS/Dolo as above. Flood of SH: m-dk gry/brn/maroon/green-gry, some vry silty, slt carb. Some SS: gry/brn/green/wht, vf-m, sr-wr, some arg/carb, hard, friable, no odor, ns.

Mud-Co/Service Mud Inc.
Check #8 @ 3830' 10/31/21 06:45am

wt	vis	pH	chl
9.2	46	8.5	21600

Filt LCM
5.2 3

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

SH as above. SS: wht/crm/lt brn/lt gry, some vry chalky/arg, vf-m, sr-wr, some hard, friable, no odor, ns.

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

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

LS: as above w/Dolo: crm/lt pink/lt brn, vry sndy, friable, vf-m in-xtal por, no odor, ns.

CFS @ 3830', Stop/30"/60".

TD @ 3830'.

After CFS, conducted wiper trip to surface casing, then cir on bottom 1.5 hrs to condition hole.
Then displaced mud in hole w/fresh water mud to mitigate high clorides for logging.

ELI WIRELINE SERVICES

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

FIELD TICKET No. - 5422

DATE 11-18-21

UNIT # 1063

INVOICE NO.	P.O. NO.	AFE NO.
CUSTOMER Grand Mesa	LEASE Schweizer	WELL NO. 4-35
ADDRESS	FIELD Wildcat STATE KS	COUNTY Linn
	LOCATION SE 330' FSL & 916' FEL	
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
40.76.240.1000	Service Charge		1		
40.75.820.0055	Set 5½ CIBP @ 3720		3720		
40.75.815.0065	Perf 4" slick 39 gr Expert 3633-45 12x4		48 total		
	2 carriers				

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
Logsdon S	10	
Kaiser		

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. - 5421

DATE 11-17-21

UNIT # 1063

INVOICE NO.	P.O. NO.	AFE NO.
CUSTOMER Grand Mesa	LEASE Schweizer	WELL NO. 4-35
ADDRESS	FIELD Wildcat STATE	COUNTY Reno
	LOCATION 330' FNL & 916' FEL	
CITY	CASING SIZE & WT. Sec 35-22S-10W TBG. SIZE	
STATE ZIP	TYPE OF JOB Bond Log & Perf	
ORDERED BY	TITLE	SERVICE SUPV.

PART NO.	DESCRIPTION	REV. CODE	QTY.	UNIT PRICE	AMOUNT
40.70.240.1000	Service Charge		1		
40.70.214.0600	Depth Bond Log 0-3790		3790		
40.70.212.0600	Operations Bond Log 3790 - 2400		1390		
40.75.805.0065	Perf 4 X 4 39gr Expen 3752-56		16		

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
Logsdon	7	
Robben		

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

CEMENT TREATMENT REPORT

Customer:	Grand Mesa Operating Company	Well:	Schweizer 4-35	Ticket:	wp 2028
City, State:	Sylvia Kansas	County:	Reno Kansas	Date:	10/25/2021
Field Rep:	James Mayfelld	S-T-R:	35-22s-10w	Service:	surface

Downhole Information	
Hole Size:	12 1/4 in
Hole Depth:	242 ft
Casing Size:	8 5/8 in
Casing Depth:	241 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	14.0 bbls

Calculated Slurry - Lead	
Blend:	60/40/ 2 & 3
Weight:	14.8 ppg
Water / Sx:	5.2 gal / sx
Yield:	1.21 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	54.0 bbls
Total Sacks:	250 sx

Calculated Slurry - Tail	
Blend:	A 2%cc
Weight:	15.6 ppg
Water / Sx:	5.2 gal / sx
Yield:	1.20 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	160 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
2:30 PM			-	-	on location job and safety
2:40 PM				-	spot trucks and rig up
				-	
4:15 PM				-	start casing in the hole
4:55 PM				-	casing on bottom and circulate
				-	
5:05p				-	start cement
	4.5	250.0	5.0	5.0	fresh water
	4.5	250.0	54.0	59.0	mix 250 sack cement
5:20 PM				59.0	cement in
5:25 PM	3.0	150.0		59.0	start displacement
5:30 PM			14.0		displacement in
					cement did not circulate
					run 80 ft 1 inch
8:35 PM					start cement
	0.3	100.0	34.0		mix 160 sacks cement
9:30 PM					cement to surface

CREW		UNIT
Cementer:	M Brungardt	916
Pump Operator:	R Osborn	176/522
Bulk #1:	R Valdez	181
Bulk #2:	M Flores	182

SUMMARY		
Average Rate	Average Pressure	Total Fluid
3.1 bpm	188 psi	107 bbls

ftv: 15-2021/01/25
mplv: 196-2021/08/03

CEMENT TREATMENT REPORT

Customer:	Grand Mesa Operating	Well:	Schweizer 4-35	Ticket:	wp 2045
City, State:	Sylvia Kansas	County:	Reno Kansas	Date:	10/31/2021
Field Rep:	Jqames Mayfeild	S-T-R:	35-22s-10w	Service:	5 1/2 productin pipe

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	3060 ft
Casing Size:	5 1/2 in
Casing Depth:	3819 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:	6.1 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

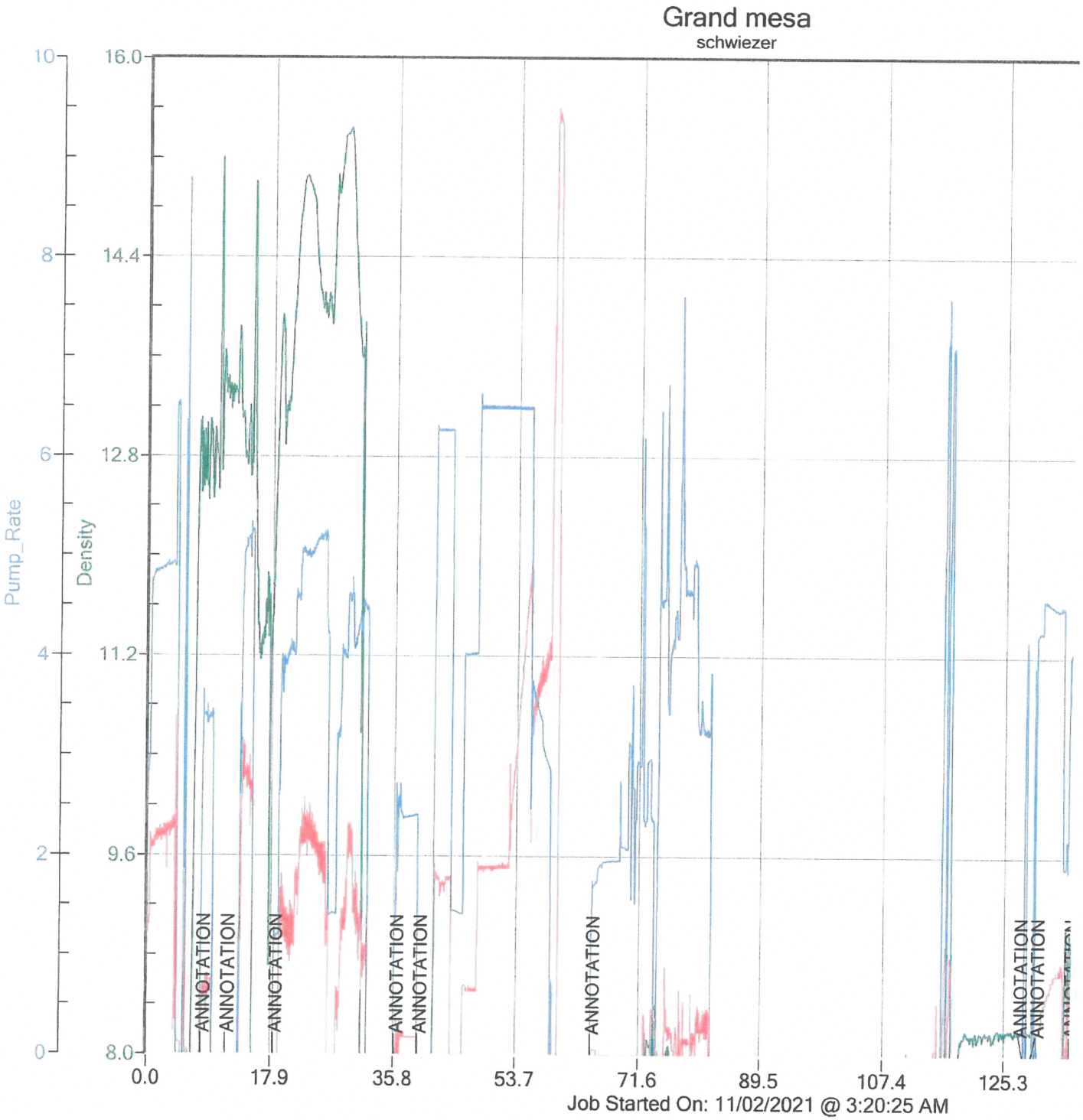
Calculated Slurry - Tail	
Blend:	H-plug
Weight:	13.7 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.43 ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	12.7 bbls
Total Sacks:	50 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
9:45 PM			-	-	on location job and safety
10:00 PM				-	spot trucks and rig up
				-	centralizers...3,5,7,9,11,13
				-	basket bottom of #2
				-	
11:30 PM				-	start casing in the hole
1:30 AM				-	casing on bottom and circulate
				-	
3:25 AM				-	start flush
3:30 AM	5.0	350.0	24.0	24.0	flush in
3:35 AM			7.6	31.6	plug rat ,,,,,,,rat hole 30 sacks ,,
3:40 AM					start cement
	5.0	300.0	9.0		scavenger mix 20 sacks
	5.0	300.0	40.0		mix 150 sacks
4:00 AM					cement in and shut down
					wash pump and lines
4:10 AM					start displacement
	6.5	300.0	20.0		
	6.5	350.0	55.0		
	6.5	550.0	70.0		
	3.0	600.0	80.0		slow rate
4:30 AM	3.0	700.0	90.5		bump plug at700 psi to 1500 psi
					plug did hold

	CREW	UNIT
Cementer:	M Brungardt	916
Pump Operator:	R Osborn	179/522
Bulk #1:	M Flores	182/256
Bulk #2:		

SUMMARY		
Average Rate	Average Pressure	Total Fluid
5.1 bpm	431 psi	396 bbls

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


Grand mesa
schwiezer
Pump_Rate
Density
10
8
6
4
2
0
16.0
14.4
12.8
11.2
9.6
8.0
ANNOTATION
ANNOTATION
ANNOTATION
ANNOTATION
ANNOTATION
ANNOTATION
ANNOTATION
ANNOTATION
0.0
17.9
35.8
53.7
71.6
89.5
107.4
125.3
Job Started On: 11/02/2021 @ 3:20:25 AM

Pro-Stim Chemicals LLC

Acidizing Report

Date 11/18/21

Customer GRAND MESA | Pro-Stim Chemical Yard CUNNINGHAM | Pro-Stim Number A-5

Well Name & Number SCHWEIZINGER 4-35 | Formation

County RENO | State KS | Interval 3633-45'

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

Job Pumped Via: Tubing ☒ Casing ☐ Annulus ☐ CTU ☐ Combination ☐ | Plug Depth | Packer Depth 3615

Casing Size: 5 1/2	GRD	WT	Depth	Tubing Size: 2 7/8	Spot 4.27 BBL
Casing Vol. .71	Tbg Vol 21.64	Ann Vol	OH Vol	Total Displacement 21.64	

Customer Representative Signature _____

250 7.5% MCA 3-MCA 5-RAS-10

22 BBL 2% KCL

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure Tubing	Pressure Casing	Observations
0	ACID	3.3		.1	0		Safety Meeting SPOT ACID
1	"	3.3		4.37	0		Prs Test to SPOT, IN psi
20	"	3.2		4.4	0		START ACID
21	"	3.4		6	0		ACID OUT
21	FLUSH	3.4		6.1	0		ON FLUSH
24	"	0		21.3	70		LOADED
25	"	.8		21.46	200		STAGING
30	"	.2		21.58	200		
35	"	.36		21.80	200		
40	"	.05		21.92	200		
45	"	.15		21.98	200		
50	"	.10		22.13	400		
55	"	.16		22.28	400		
60	"	.14		22.38	400		
65	"	.15		22.54	500		
72	"	.14		22.68	400		TREATED
74	"	.5		23.35	110		
75	"	1		24.71	VAC		
78	"	1.45		27.76	VAC		DISPLACED / JOB COMPLETE

Treatment Synopsis

Avg Inj Rate	Fluid BPM .5		Total Injected	H2O 22	Acid 6	Oil	
Treating Prs	Max 500	Final VAC	Avg. 200	ISIP VAC	5'SI	10'SI	15'SI
					20	25	30

AR-CU

Pro-Stim Chemicals LLC

Acidizing Report

Date 11/19/21

Customer GRAND MESA	Pro-Stim Chemical Yard CUNNINGHAM	Pro-Stim Number A-5
Well Name & Number SCHWEIZINGER 4-35	Formation	
County Reno	State KS	Interval 3633-45

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

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

Plug Depth	Packer Depth
	3615

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

Casing Vol.	Tbg Vol	Ann Vol	OH Vol	Total Displacement
.71	20.53			21.64

750 gal 15% NEFE - 8-CNE-99
15-RAS-10

Customer Representative Signature Randy Perry

32 BBL 2% KCL

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure Tubing	Pressure Casing	Observations
0	ACID	5.77		2.17	90		Safety Meeting START ACID
2	"	6.0		9.47	20		Prs Test to ~~PKR DOWN~~ psi
5	"	6.03		18.41	20		ACID OUT
5	FLUSH	6.03		19	20		ON FLUSH
6	"	1.7		20.13	60		LOADED
6	"	4.81		21.77	480		
7	"	4.82		34.65	400		
8	"	5.2		39.57	480		
9	"	5.15		46.78	500		
10	"	5.22		50.68	500		DISPLACED
10	0	0		50.85	VAC		ISIP

Treatment Synopsis

Avg Inj Rate	Fluid BPM 5			Total Injected	H2O 32	Acid 18	Oil	
Treating Prs	Max 500	Final 500	Avg. 500	ISIP VAC	5'SI	10'SI	15'SI	
					20	25	30	

AR-CU

Pro-Stim Chemicals LLC

20S34S

Acidizing Report

Date 11/19/21

Customer GRAND MESA	Pro-Stim Chemical Yard CUNNINGHAM	Pro-Stim Number A-5
Well Name & Number SCHWEIZINGER 4-35	Formation	
County RENO	State KS	Interval 3633-45

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

Job Pumped Via: Tubing ☑ Casing ☐ Annulus ☐ CTU ☐ Combination ☐ Plug Depth | Packer Depth 3615

Casing Size: 5 1/2	GRD	WT	Depth	Tubing Size: 2 7/8	Spot 4.27 BBL
Casing Vol. .71	Tbg Vol 21.64		Ann Vol	OH Vol	Total Displacement 21.64

250 7.5% MCA 3-MCA 5-RAS-10

Customer Representative Signature _____ 22 BBL 2% KCL

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure Tubing	Pressure Casing	Observations
0	ACID	3.3		.1	0		Safety Meeting SPOT ACID
1	"	3.3		4.37	0		Prs Test to SPOT IN psi
20	"	3.2		4.4	0		START ACID
21	"	3.4		6	0		ACID OUT
21	FLUSH	3.4		6.1	0		ON FLUSH
24	"	0		21.3	70		LOADED
25	"	.8		21.46	200		STAGING
30	"	.2		21.58	200		
35	"	.36		21.80	200		
40	"	.05		21.92	200		
45	"	.15		21.98	200		
50	"	.10		22.13	400		
55	"	.16		22.28	400		
60	"	.14		22.38	400		
65	"	.15		22.54	500		
72	"	.14		22.68	400		TREATED
74	"	.5		23.35	110		
75	"	1		24.71	VAC		
78	"	1.45		27.76	VAC		DISPLACED / JOB COMPLETE

Treatment Synopsis

Avg Inj Rate	Fluid BPM .5			Total Injected	H2O 22	Acid 6	Oil	
Treating Prs	Max 500	Final VAC	Avg. 200	ISIP VAC		5'SI	10'SI	15'SI
						20	25	30

AR-CU

Pro-Stim Chemicals LLC

Date 11-22-21

Acidizing Report

Customer: Grand mesa	Pro-Stim Chemical Yard: Cunningham	Pro-Stim Number: A-21
Well Name & Number: Schweiter #4-35	Formation:	
County: Reno	State: KS	Interval: 3633-45

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

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

Plug Depth: | Packer Depth: 3615

Casing Size	GRD	WT	Depth	Tubing Size	Spot
5 1/2				2 3/8	

Casing Vol.	Tbg Vol	Ann Vol	OH Vol	Total Displacement
.7	20.9			21.6

2500 gal 20% NE/FE
25 gals RAS-10, 25 gals SDA-95
60 bbls + Flush
2% KCL

Customer Representative Signature

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure Tubing	Pressure Casing	Observations
	Acid	4		4	0		Safety Meeting
		"		10			Prs Test to _____ psi
		"		20			
		"		30			Pumped 4 bbls min
		"		40			on vac.
		"		50			
		"		60			
	Flush	4		70			
		"		85			
		"		90			
		"		100			
		"		120			
		"					
		"					

Treatment Synopsis

Avg Inj Rate	Fluid BPM 4		Total injected	H2O 60	Acid 60	Oil	
Treating Prs	Max vac	Final	Avg. 120	ISIP vac	5'SI	10'SI	15'SI
					20	25	30

AR-CU

Pro-Stim Chemicals LLC

Acidizing Report

Date 11/18/21

Customer GRAND MESA | Pro-Stim Chemical Yard CUNNINGHAM | Pro-Stim Number A-5

Well Name & Number SCHWEIZINGER 4-35 | Formation

County RENO | State KS | Interval 3633-45'

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

Job Pumped Via: Tubing ☒ Casing ☐ Annulus ☐ CTU ☐ Combination ☐ | Plug Depth | Packer Depth 3615

Casing Size: 5 1/2	GRD	WT	Depth	Tubing Size: 2 7/8	Spot 4.27 BBL
Casing Vol. .71	Tbg Vol 21.64	Ann Vol	OH Vol	Total Displacement 21.64	

Customer Representative Signature _____

250 7.5% MCA 3-MCA 5-RAS-10

22 BBL 2% KCL

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure Tubing	Pressure Casing	Observations
0	ACID	3.3		.1	0		Safety Meeting SPOT ACID
1	"	3.3		4.37	0		Prs Test to SPOT, IN psi
20	"	3.2		4.4	0		START ACID
21	"	3.4		6	0		ACID OUT
21	FLUSH	3.4		6.1	0		ON FLUSH
24	"	0		21.3	70		LOADED
25	"	.8		21.46	200		STAGING
30	"	.2		21.58	200		
35	"	.36		21.80	200		
40	"	.05		21.92	200		
45	"	.15		21.98	200		
50	"	.10		22.13	400		
55	"	.16		22.28	400		
60	"	.14		22.38	400		
65	"	.15		22.54	500		
72	"	.14		22.68	400		TREATED
74	"	.5		23.35	110		
75	"	1		24.71	VAC		
78	"	1.45		27.76	VAC		DISPLACED / JOB COMPLETE

Treatment Synopsis

Avg Inj Rate	Fluid BPM .5		Total Injected	H2O 22	Acid 6	Oil	
Treating Prs	Max 500	Final VAC	Avg. 200	ISIP VAC	5'SI	10'SI	15'SI
					20	25	30

AR-CU

Pro-Stim Chemicals LLC

Acidizing Report

Date 11/19/21

Customer GRAND MESA	Pro-Stim Chemical Yard CUNNINGHAM	Pro-Stim Number A-5
Well Name & Number SCHWEIZINGER 4-35	Formation	
County Reno	State KS	Interval 3633-45

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

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

Plug Depth	Packer Depth
	3615

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

Casing Vol.	Tbg Vol	Ann Vol	OH Vol	Total Displacement
.71	20.53			21.64

750 gal 15% NEFE - 8-CNE-99
15-RAS-10

Customer Representative Signature Randy Perry

32 BBL 2% KCL

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure Tubing	Pressure Casing	Observations
0	ACID	5.77		2.17	90		Safety Meeting START ACID
2	"	6.0		9.47	20		Prs Test to ~~PKR DOWN~~ psi
5	"	6.03		18.41	20		ACID OUT
5	FLUSH	6.03		19	20		ON FLUSH
6	"	1.7		20.13	60		LOADED
6	"	4.81		21.77	480		
7	"	4.82		34.65	400		
8	"	5.2		39.57	480		
9	"	5.15		46.78	500		
10	"	5.22		50.68	500		DISPLACED
10	0	0		50.85	VAC		ISIP

Treatment Synopsis

Avg Inj Rate	Fluid BPM 5			Total Injected	H2O 32	Acid 18	Oil	
Treating Prs	Max 500	Final 500	Avg. 500	ISIP VAC	5'SI	10'SI	15'SI	
					20	25	30	

AR-CU

Pro-Stim Chemicals LLC

20S34S

Acidizing Report

Date 11/19/21

Customer GRAND MESA	Pro-Stim Chemical Yard CUNNINGHAM	Pro-Stim Number A-5
Well Name & Number SCHWEIZINGER 4-35	Formation	
County RENO	State KS	Interval 3633-45

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

Job Pumped Via: Tubing ☑ Casing ☐ Annulus ☐ CTU ☐ Combination ☐ Plug Depth | Packer Depth 3615

Casing Size: 5 1/2	GRD	WT	Depth	Tubing Size: 2 7/8	Spot 4.27 BBL
Casing Vol. .71	Tbg Vol 21.64		Ann Vol	OH Vol	Total Displacement 21.64

250 7.5% MCA 3-MCA 5-RAS-10

Customer Representative Signature _____ 22 BBL 2% KCL

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure Tubing	Pressure Casing	Observations
0	ACID	3.3		.1	0		Safety Meeting SPOT ACID
1	"	3.3		4.37	0		Prs Test to SPOT IN psi
20	"	3.2		4.4	0		START ACID
21	"	3.4		6	0		ACID OUT
21	FLUSH	3.4		6.1	0		ON FLUSH
24	"	0		21.3	70		LOADED
25	"	.8		21.46	200		STAGING
30	"	.2		21.58	200		
35	"	.36		21.80	200		
40	"	.05		21.92	200		
45	"	.15		21.98	200		
50	"	.10		22.13	400		
55	"	.16		22.28	400		
60	"	.14		22.38	400		
65	"	.15		22.54	500		
72	"	.14		22.68	400		TREATED
74	"	.5		23.35	110		
75	"	1		24.71	VAC		
78	"	1.45		27.76	VAC		DISPLACED / JOB COMPLETE

Treatment Synopsis

Avg Inj Rate	Fluid BPM .5			Total Injected	H2O 22	Acid 6	Oil	
Treating Prs	Max 500	Final VAC	Avg. 200	ISIP VAC		5'SI	10'SI	15'SI
						20	25	30

AR-CU

Pro-Stim Chemicals LLC

Date 11-22-21

Acidizing Report

Customer: Grand mesa	Pro-Stim Chemical Yard: Cunningham	Pro-Stim Number: A-21
Well Name & Number: Schweiter #4-35	Formation:	
County: Reno	State: KS	Interval: 3633-45

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

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

Plug Depth: | Packer Depth: 3615

Casing Size	GRD	WT	Depth	Tubing Size	Spot
5 1/2				2 3/8	

Casing Vol.	Tbg Vol	Ann Vol	OH Vol	Total Displacement
.7	20.9			21.6

2500 gal 20% NE/FE
25 gals RAS-10, 25 gals SDA-95
60 bbls + Flush
2% KCL

Customer Representative Signature

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure Tubing	Pressure Casing	Observations
	Acid	4		4	0		Safety Meeting
		"		10			Prs Test to _____ psi
		"		20			
		"		30			Pumped 4 bbls min
		"		40			on vac.
		"		50			
		"		60			
	Flush	4		70			
		"		85			
		"		90			
		"		100			
		"		120			
		"					
		"					

Treatment Synopsis

Avg Inj Rate	Fluid BPM 4		Total injected	H2O 60	Acid 60	Oil	
Treating Prs	Max vac	Final	Avg. 120	ISIP vac	5'SI	10'SI	15'SI
					20	25	30

AR-CU