

Form	ACO1 - Well Completion
Operator	Patterson Energy LLC
Well Name	RIEMANN, J 7
Doc ID	1977909

All Electric Logs Run

DI Log
DN Log
Micro Log
Bond Log

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Operator	Patterson Energy LLC
Well Name	RIEMANN, J 7
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Tops

Name	Top	Datum
Anhydrite	705	+1170
Topeka	2621	-746
Heebner	2913	-1038
Toronto	2929	-1054
Lansing	3027	-1152
Base Kansas City	3288	-1413
Arbuckle	3291	-1416
TD	3375	-1500

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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	24	716	Common	350	3c 2g
Production	7.875	5.5	15.5	3374	Common	200	10s

OPERATOR

Company: Patterson Energy, LLC.
Address:

Contact Geologist:
Contact Phone Nbr:
Well Name: Riemann J #7
Location:
API:
Pool:
State:

Field:
Country:

Scale 1:240 Imperial

Well Name: Riemann J #7
Surface Location:
Bottom Location:
API:
License Number:
Spud Date: 4/16/2026
Region:
Drilling Completed:
Surface Coordinates:
Bottom Hole Coordinates:
Ground Elevation: 1867.00ft
K.B. Elevation: 1875.00ft
Logged Interval: 0.00ft
Total Depth: 0.00ft
Formation:
Drilling Fluid Type:

Time: 3:00 PM
Time:
To: 0.00ft

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: 0
Latitude: 0
N/S Co-ord:
E/W Co-ord:

LOGGED BY

Company: Hard Rock Consulting, Inc.
Address: P.O. Box 1260
Hays, KS 67601

Phone Nbr: 785-635-5586
Logged By: Geologist

Name: Jason T Alm

CONTRACTOR

Contractor: Discovery Drilling Co., Inc.
Rig #: 4
Rig Type:
Spud Date: 4/16/2026
TD Date:
Rig Release:

Time: 3:00 PM
Time:
Time:

ELEVATIONS

K.B. Elevation: 1875.00ft
Ground Elevation: 1867.00ft

K.B. Elevation: 1875.00ft Ground Elevation: 1867.00ft
K.B. to Ground: 8.00ft

NOTES

Well Top Comparison

	Riemann J #7 705' +1170	Riemann J #1 NA	Riemann J #6 NA
Anhydrite Base			
Tarkio	2444' -569	NA	-568 -1
Topeka	2621' -746	NA	-746 FL
Heebner	2913' -1038	NA	-1038 FL
Toronto	2929' -1054	NA	-1055 +1
Douglas	2945' -1070	NA	-1071 +1
Brown Lime	3014' -1139	-1132 -7	-1140 +1
Lansing	3027' -1152	NA	-1153 +1
BKC	3288' -1413	NA	-1422 +9
Arbuckle	3291' -1416	-1401 -15	-1433 +17
Total Depth	3375' -1500		

ROCK TYPES

	Dolprim		shale, grn		Carbon Sh		Ss
	Lmst fw7>		shale, gry		shale, red		Stst

OTHER SYMBOLS

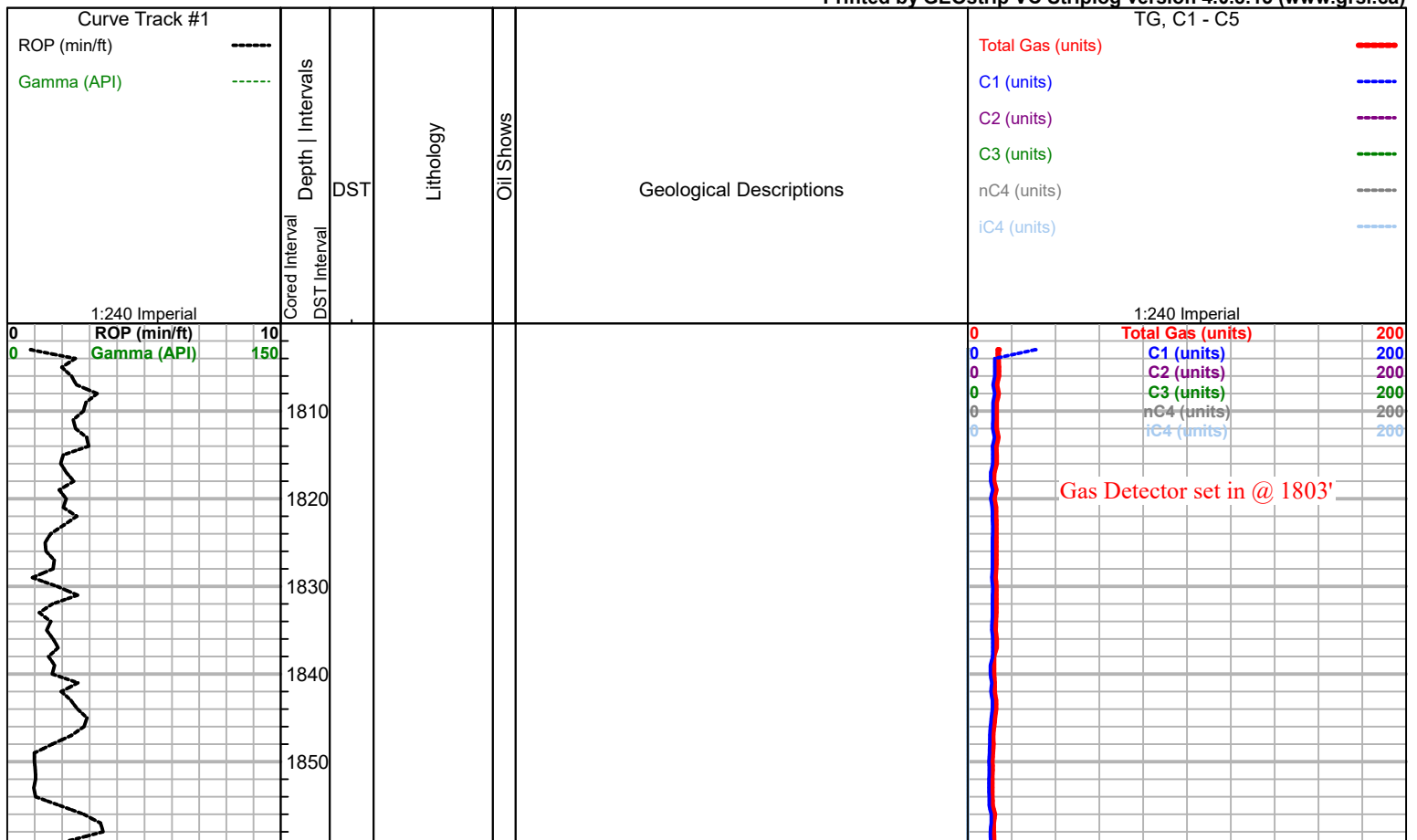
OIL SHOWS

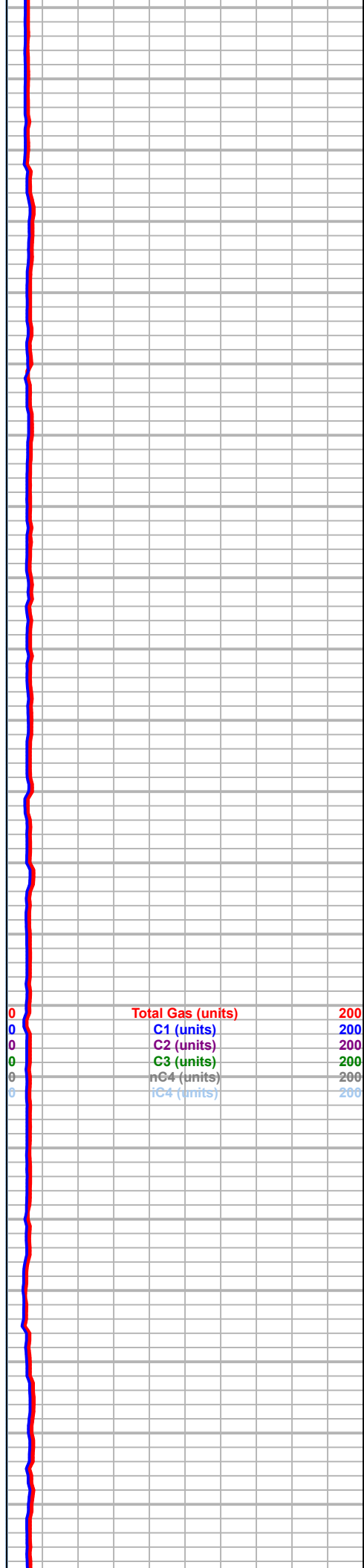
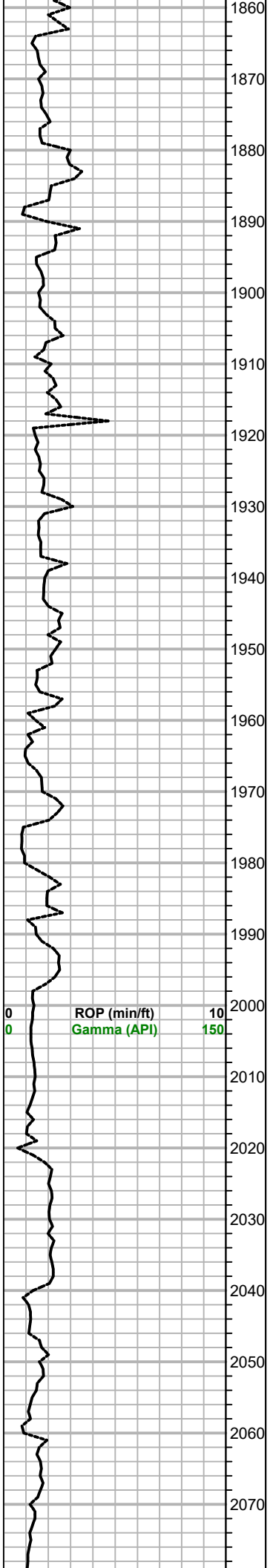
- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- Questionable Stn
- D Dead Oil Stn
- Fluorescence

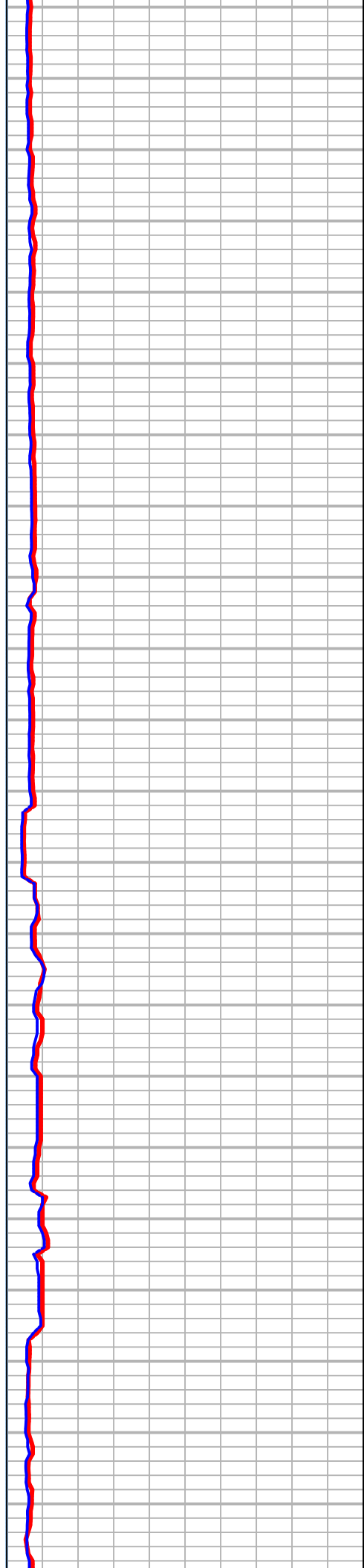
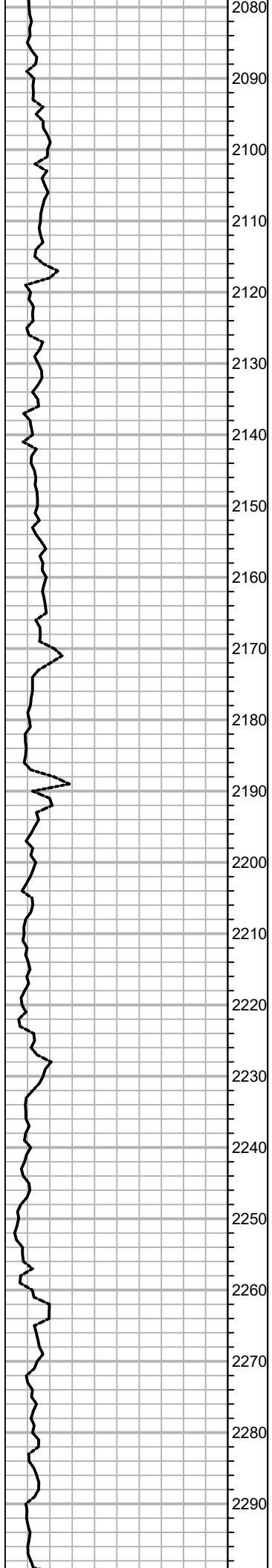
DST

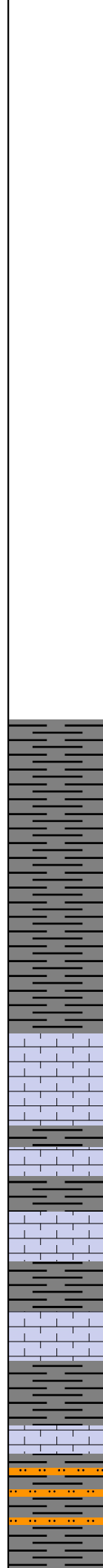
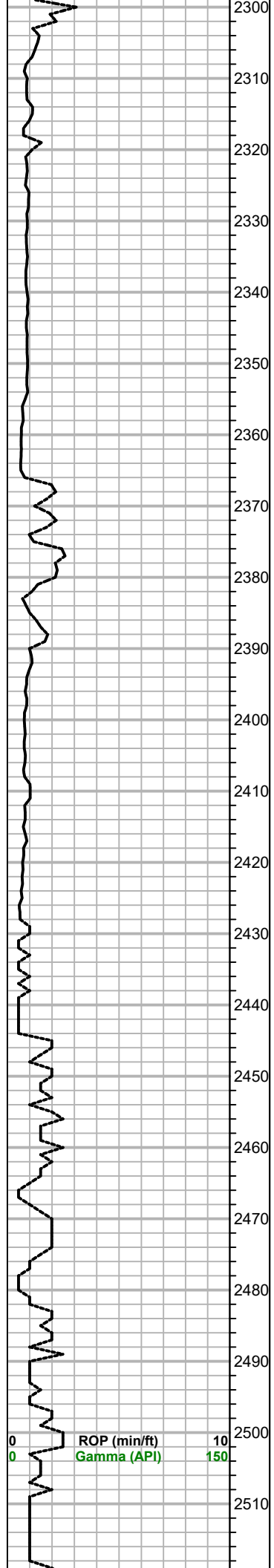
- DST Int
- DST alt
- Core
- tail pipe

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Geo on location @ 10:30 p.m.
@ 4-18-2026

Sh - Gry, soft, fissile

Sh - ala

Sh - ala

Tarkio 2444' -569

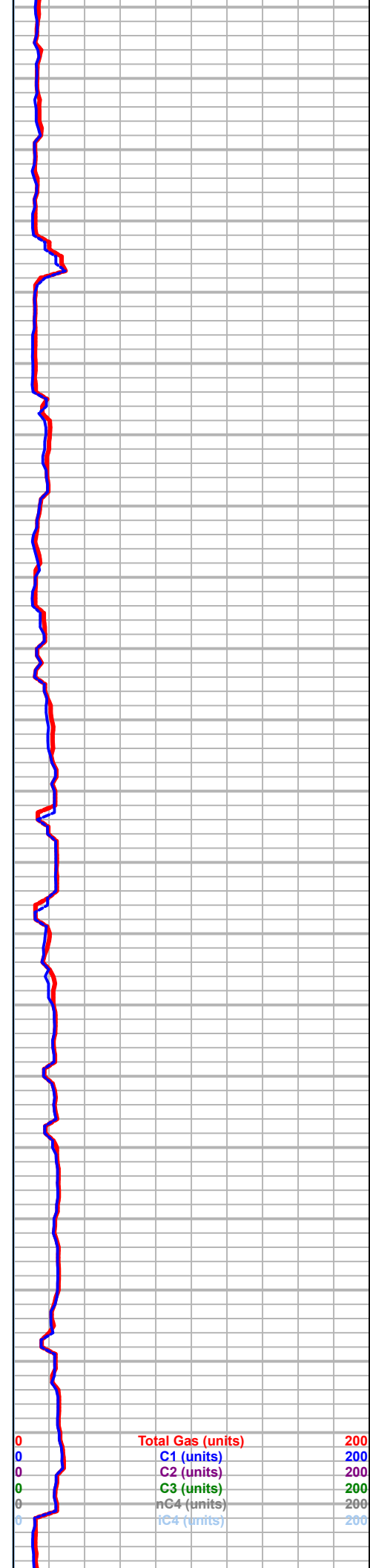
Ls - Tan-lt gry, subxln, dns

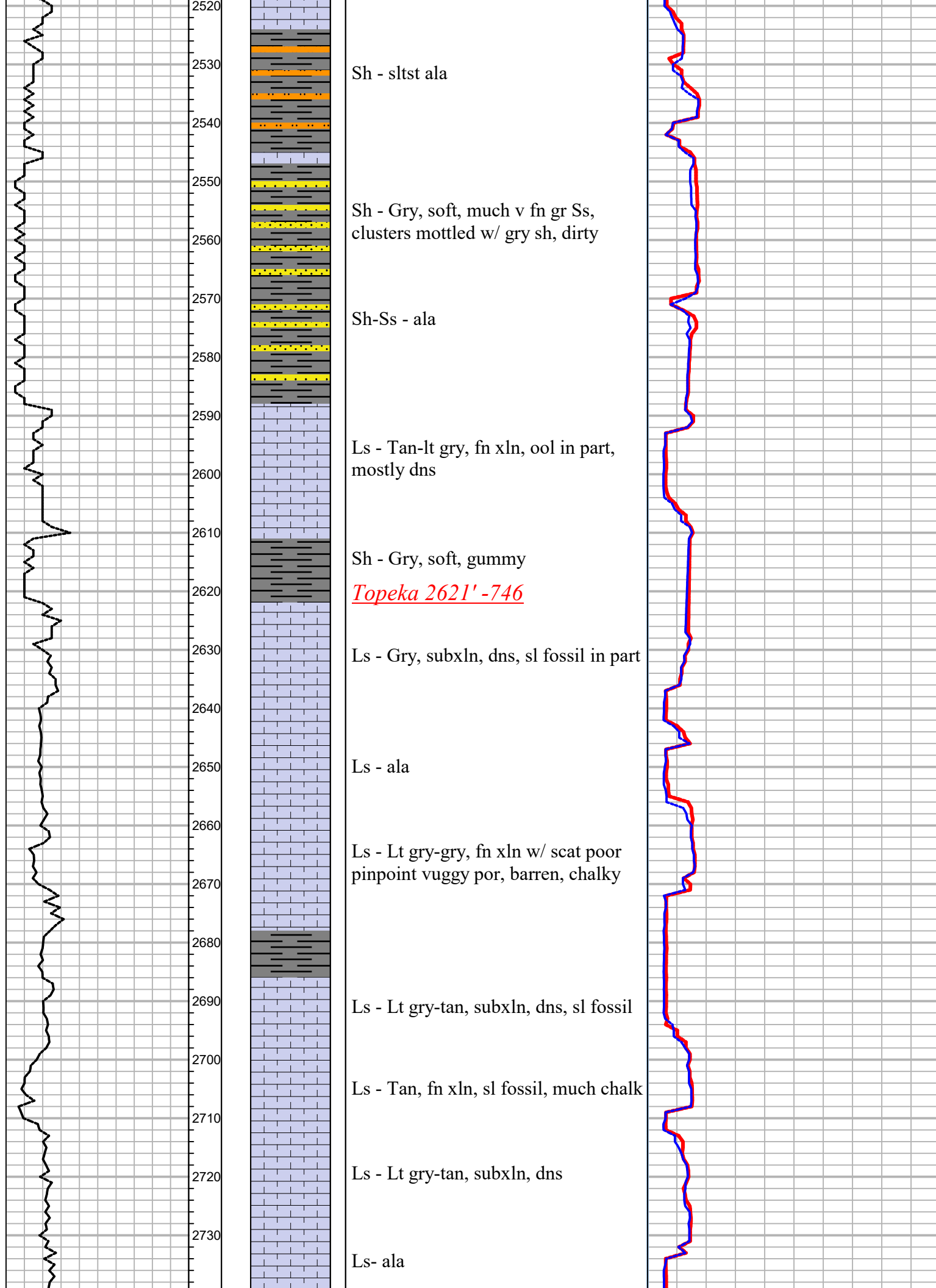
Ls - ala

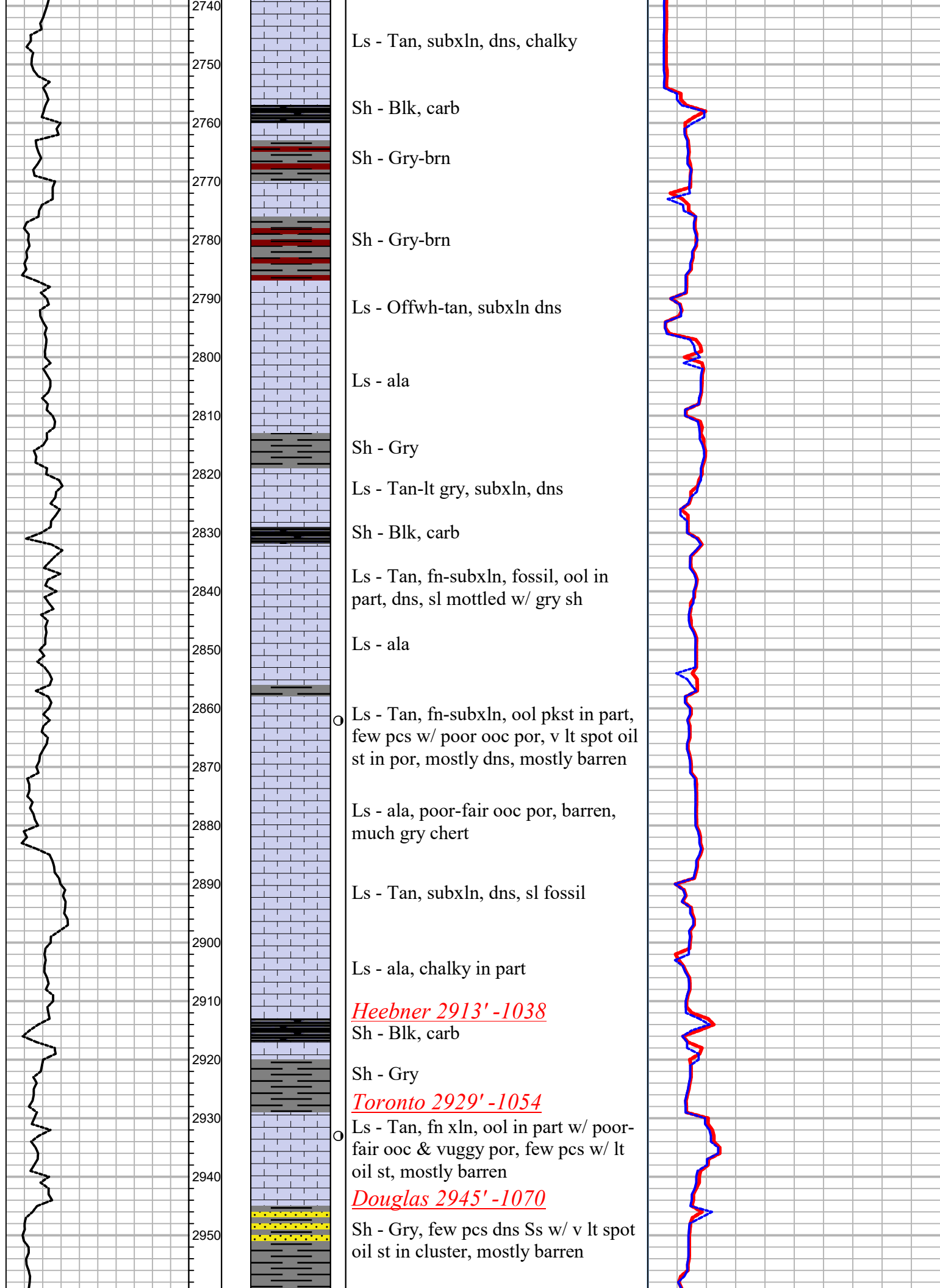
Ls - ala

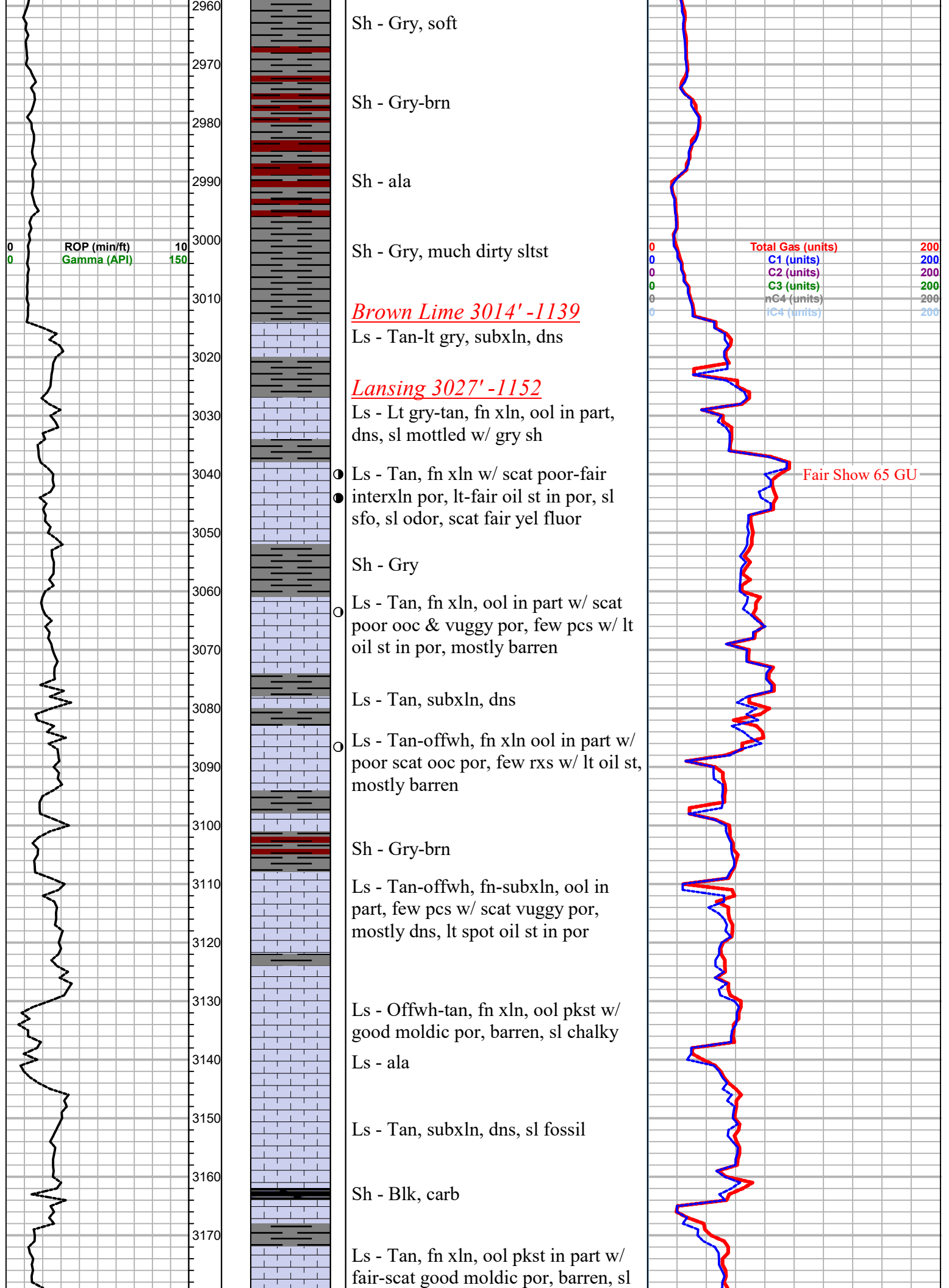
Ls - Tan-lt gry, subxln, dns

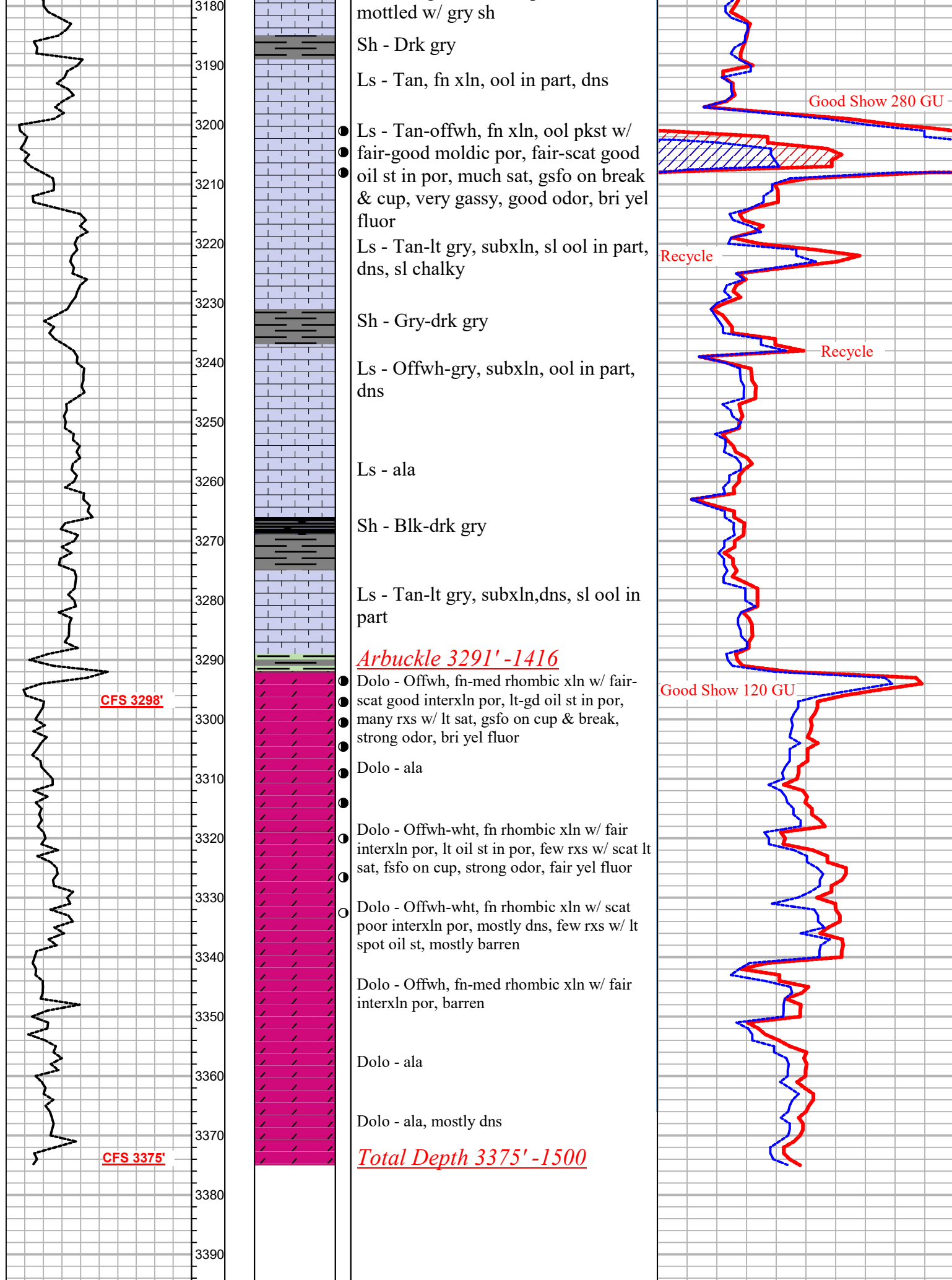
Sh - Gry, soft, sl silty











FRANKS Oilfield Service

♦ 416 Main St., P.O. Box 225, Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269
♦ Office Phone (785) 639-3949 ♦ Email: franksoilfield@yahoo.com

TICKET NUMBER 1719
LOCATION Victoria
FOREMAN Walt Dinkel

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
4-16-26		Biemann J #17	4	17 ^s	11 ^s	Barton	
CUSTOMER Patterson Energy			Asphalt South to Barnes BT				
MAILING ADDRESS			138 E				
CITY			3 S				
STATE			374 E				
ZIP CODE			615				
TRUCK #		DRIVER		TRUCK #		DRIVER	
103		Chris					
4-201		Connor					

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 716' CASING SIZE & WEIGHT 8 5/8" 29#
CASING DEPTH 716 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 14.8-12.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 28.91
DISPLACEMENT 43.24 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Manifold, Rig up on Discovery Ddy #, Circ casing on Bottom
mix 250 SKS 6 5/8" 29#, 6 1/2" 29#, 3 1/2" 14# Flare Seal, Fall in w 100 SKS class A 3+2
release Plug and Displace 43.24 BBL H₂O.

Cement Ddy Cure

Thank You
Walt & Cheryl

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC002	1	PUMP CHARGE	\$1150.00	\$1150.00
MO01	5.3	MILEAGE	\$6.50	\$344.50
MO02	16.90	Ton Mileage Delivery	\$1343.55	\$1343.55
MO04	5.3	Pickup Mileage	\$150.00	\$79.50
CB004	100 SKS	Class A, 3" 1/2" 29# 2 1/2" 29#	\$25.50	\$2550.00
CB016	250 SKS	6 5/8" 29#, 6 1/2" 29#, 3 1/2" 14# Flare Seal	\$19.85	\$4962.50
FE 069	1	8 5/8" Baffle Plate	\$150.00	\$150.00
FE 086	1	8 5/8" Rulidur Plug	\$265.00	\$265.00
			subtotal	\$10,845.05
			less 10% disc.	\$1,084.50
			subtotal	\$9,760.55
			SALES TAX	535.11
			ESTIMATED TOTAL	10295.66

AUTHORIZATION Ryan Dinkel TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

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◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

LOCATION Victoria
FOREMAN Walt Dunko

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
4-20-26		Riemann J #7	4	12 ^s	11 ^w	Barton	
CUSTOMER Patterson Energy LLC			Clafin	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS				103	Chris		
					Jack		
CITY	STATE	ZIP CODE					

JOB TYPE <u>Prod</u>	HOLE SIZE <u>7 7/8</u>	HOLE DEPTH <u>3375'</u>	CASING SIZE & WEIGHT <u>5 1/2" 17#</u>
CASING DEPTH <u>3374'</u>	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT <u>14.2</u>	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT in CASING <u>39.61'</u>
DISPLACEMENT <u>77 1/2</u>	DISPLACEMENT PSI _____	MIX PSI _____	RATE _____

REMARKS: Safety Meeting, Rig up Equipment, Circ Casing on Bottom,
MIX 30 SKS 6940 per 4% Cel, #1/2 Flo-Sol in RH
Mix 20 SKS " " " " " " " " " " Hook up to 5 1/2 Casing,
Pump 500 gal Med Flush Follow with 20 BBL KCL MIX 150 SKS class, 10% Sol
5# Kolson, Clear Pump + Lines, release Plug + Displace 7 1/2 BBL 2% KCL,
Lunch Plug @ 1400' Float Head

Thank You
Walt & Crew

AUTHORIZATION [Signature] TITLE _____ DATE _____

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