

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

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 <i>(Attach Additional Sheets)</i>	☐ Yes	☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes	☐ No	Name	Top	Datum
Cores Taken	☐ Yes	☐ No			
Electric Log Run	☐ Yes	☐ No			
Geologist Report / Mud Logs	☐ Yes	☐ No			
List All E. Logs Run:					

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

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:		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (<i>Explain</i>) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water	Bbls.	Gas-Oil Ratio Gravity

[illegible][illegible]

Form	ACO1 - Well Completion
Operator	Excalibur Production Company, Inc.
Well Name	ESHELMAN 2
Doc ID	1856279

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	17.5	13.375	48	295	Common	335	3%cc/2%gel
Intermediate	12.25	8.625	28	633	Common	620	3%cc/2%gel
Production	7.875	5.5	17	3406	Common	295	2%cc/4%gel



CEMENT TREATMENT REPORT

Customer: Excalibur Production Company, Inc.

Well: Eshelman #2

Ticket: EP18022

City, State:

County: Reno

Date: 7/8/2025

Field Rep: Larry Ressler

S-T-R: 36 23S 4W

Service: Surface

Downhole Information

Hole Size: 12 1/4 in
Hole Depth: 655 ft
Casing Size: 8 5/8 in
Casing Depth: 633 ft
Tubing / Liner: in
Depth: ft
Tool / Packer:
Tool Depth: ft
Displacement: 38.0 bbls

Calculated Slurry - Lead

Blend: Class A, 3%, 2%, 1/4#
Weight: 15.0 ppg
Water / Sx: gal / sx
Yield: 1.35 ft³ / sx
Annular Bbls / Ft.: bbs / ft.
Depth: ft
Annular Volume: 0.0 bbls
Excess:
Total Slurry: 72.0 bbls
Total Sacks: 300 sx

Calculated Slurry - Tail

Blend: Class A, 3%, 2%, 1/4#
Weight: 15 ppg
Water / Sx: gal / sx
Yield: 1.35 ft³ / sx
Annular Bbls / Ft.: bbs / ft.
Depth: ft
Annular Volume: 0 bbls
Excess:
Total Slurry: 0.0 bbls
Total Sacks: 320 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
				-	Safety Meeting:
				-	Rig ran 8 5/8" Casing. Rig had lost circulation trouble w/ no returns to surface.
				-	Rig up to 8 5/8" Casing.
4.0	100.0	5.0	5.0		Pump 5 bbl fresh water ahead.
5.0	150.0	72.0	77.0		Mixed 300 sks Class A Cement w/ 3% Cactz, 2% Gel, 1/4# Cello-flake/sk @ 15 ppg, yield 1.35 = 72 bbl slurry.
			77.0		Wash out pump & lines. Shut down. Release Wooden Plug.
5.0	200.0	38.0	115.0		Displace plug to seat on baffle w/ 38 bbl fresh water.
			115.0		Final pumping pressure of 200 psi. Bump plug to 600 psi. Shut down. Close casing in.
			115.0		No circulation while cementing.
			115.0		Run 1" Hydril down annulus & tag Cement Basket @ 422'.
2.0	1,500.0	12.0	127.0		Spot 50 sks Cement on top of cement basket. Pull 7 joints 1". Wait 2 hours.
			127.0		Run 1" Hydril down annulus & tag Cement Basket @ 422'. No cement fill up.
2.0	1,500.0	12.0	139.0		Spot 50 sks Cement on top of cement basket. Pull 7 joints 1". Wait 2 hours.
			139.0		Run 1" Hydril down annulus & tag cement @ 360' below KB.
2.5	1,500.0	3.0	142.0		Run 3 bbl Dye water ahead for a marker.
2.5	1,500.0	31.0	173.0		Spot 130 sks Cement on top of previous cement plug w/ good circulation to surface. Dye water returns to surface but no cement.
			173.0		Pull all 12 joints of 1" Hydril out & wait 3 hours for more cement.
			173.0		Run 2 joints of 1" Hydril & tag solid cement 60' below KB.
3.5	1,000.0	22.0	195.0		Spot 90 sks Cement on top of previous cement plug w/ good cement returns to surface.
			195.0		Shut down. Pull 1" Hydril out. Well standing full of cement 15 mins later. Rig jetted cellar. Well still standing full.
			195.0		620 sks Total Used
			195.0		Job complete. Rig down.
			195.0		
			195.0		
			195.0		
			195.0		
			195.0		

CREW

UNIT

Cementer: David 1006
Pump Operator: Alan 1201
Bulk #1: Danny 1210
Bulk #2: Trey 1213

SUMMARY

Average Rate	Average Pressure	Total Fluid
3		



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

Well Name: Eshelman 2
API: 15-155-21815
Location: E2 SW NW S36 T23S R4W
License Number: 5330
Spud Date: 7/3/25
Surface Coordinates: 2310' FNL 495' FWL

Region: Reno County, KS
Drilling Completed: 7/12/25

Bottom Hole
Coordinates:
Ground Elevation (ft): 1461' K.B. Elevation (ft): 1473'
Logged Interval (ft): 2300' To: 3430' Total Depth (ft): 3430'
Formation: Mississippi Dolomite
Type of Drilling Fluid: Chemical

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

OPERATOR

Company: Excalibur Production Company, Inc.
Address: 1016 N Main
PO Box 278
McPherson, KS 67460

GEOLOGIST

Name: Brandon Wolfe
Company: Lone Wolf Well Logging, LLC
Address: 1016 N Biddle St
Moline, KS 67353

CONTRACTORS

Drilling Rig: (Rig 3) Fossil Drilling
Drilling FLuids: Mud Co
Open Hole Logs: Midwest Wireline
Cementing: HSI (Euerka Camp)

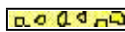
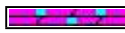
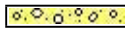
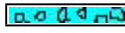
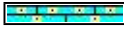
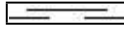
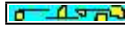
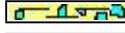
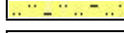
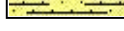
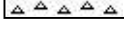
COMMENTS

5 1/2" production casing was set to further evaluate the Mississippi formation

Well	Eshelman 2
G.L.	1461'
K.B.	1473'

<u>Formation</u>	<u>Sample Top</u>		<u>Log Top</u>	
Heebner Shale	2344	-871	2344	-871
Douglass Sand	2464	-991	2464	-991
Brown Lime	2514	-1041	2514	-1041
Lansing	2539	-1066	2538	-1065
B/ Kansas City	2986	-1513	2986	-1513
Marmaton	3018	-1545	3018	-1545
Cherokee	3154	-1681	3154	-1681
Mississippi	3260	-1787	3260	-1787
Miss Poro	3325	-1852	3326	-1853
Total Depth	3430	-1957	3431	-1958

ROCK TYPES

	Anhydrite		Shaly_ss_ii		Cherty_dolo		Qtz_wash
	Arkose		Sandstone		Dolomite		Qtz_wash_ii
	Ark_shale		Shaly_limy_ss		Limy_dolo		Argil_qtz_wash
	Granite		Washy_limy_ss		Conglomerate		Ark_qtz_wash
	Coal		Limy_ss		Carb_wash		Sdy_gw
	Limy_sh		Sdy_ls		Sdy_carb_wash		Shaly_gw
	Shale		Limestone		Shaly_sdy_carb		Gw_a
	Hot_shale		Dolo_ls		Shaly_limy_qtz_w		Gw_b
	Hot_shale_ii		Shaly_ls		Shaly_limy_qtz_w		Gw_c
	Siltstone		Carb_shaly_ls		Limy_qtz_wash		Gw_d
	Siltstone_ii		Cherty_ls		Limy_qtz_wash_ii		
	Shaly_ss		Chert		Limy_qtz_wash_iii		

ACCESSORIES

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

MINERAL

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



- Sandy
- Silt
- Sil
- Sulphur
- Tuff

STRINGER

- Arkosic inclusion
- Chert inclusion
- Anhydrite
- Arkosic qtz str
- Arkosic qtz str ii
- Arkosic str
- Arkosic str ii
- Carb wash str
- Sandy carb wash str
- Coal/carb sh
- Dolomite
- Granite str
- Limestone
- Limy ss str
- Qtz wash str
- Limy qtz wash str



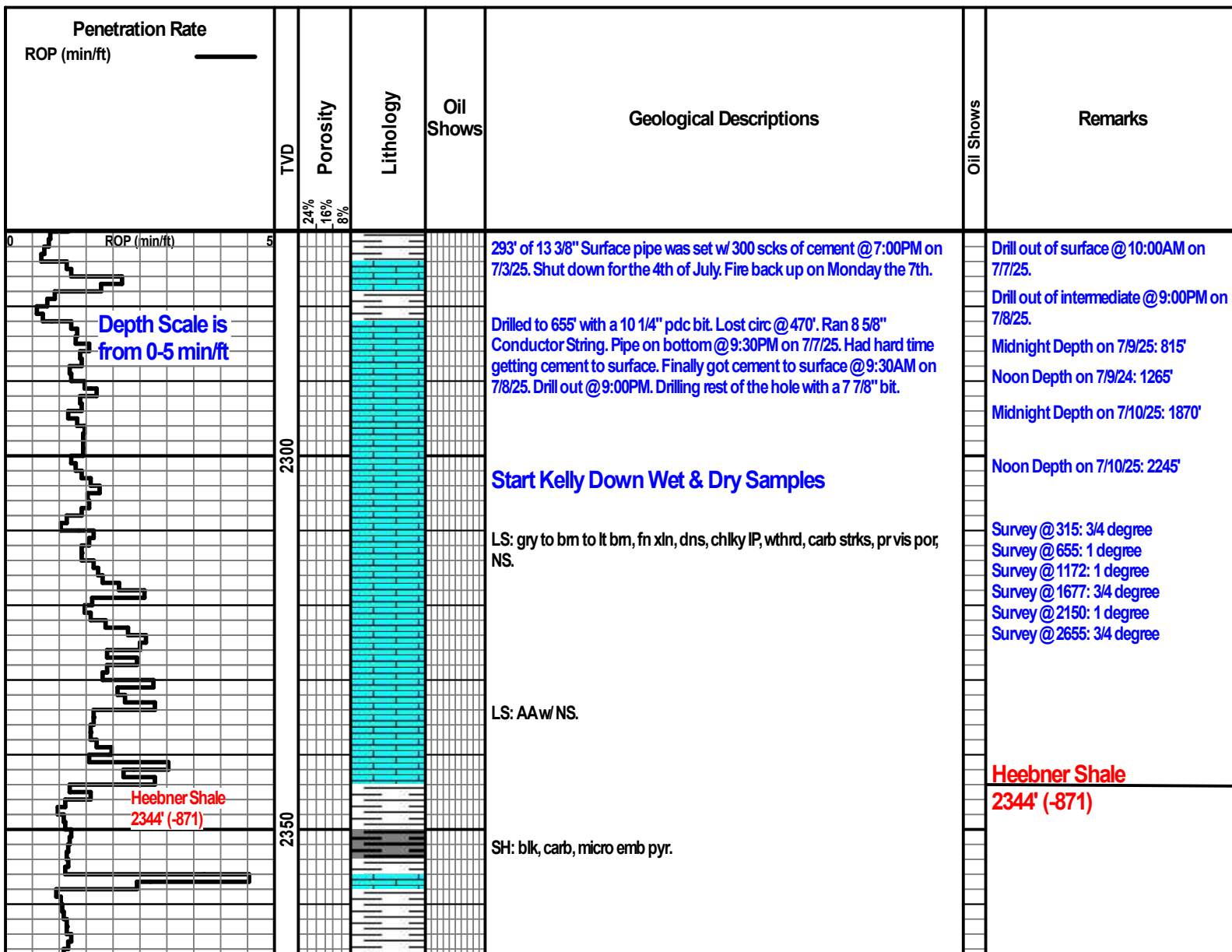
- Shale
- Siltstone
- Sandstone

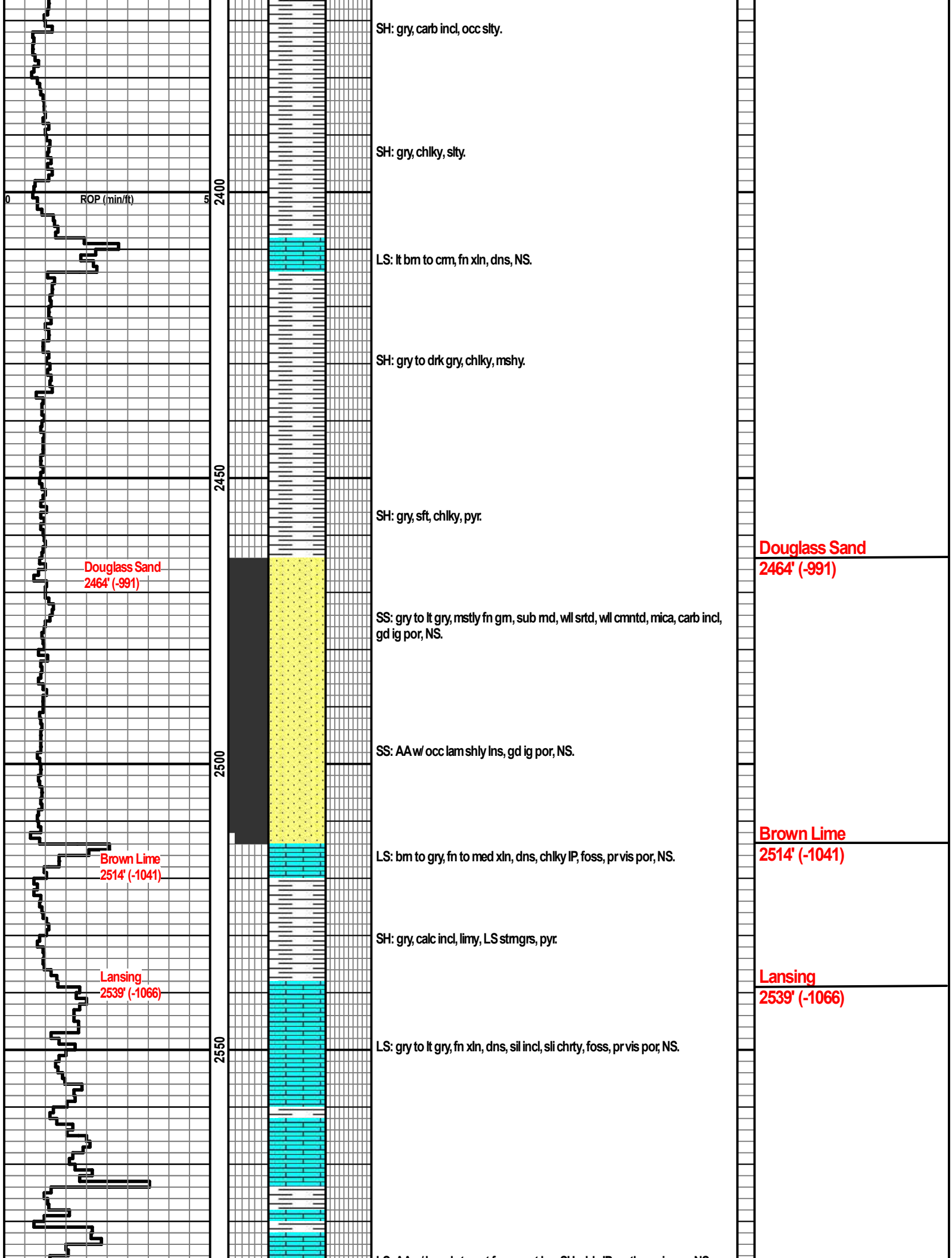
TEXTURE

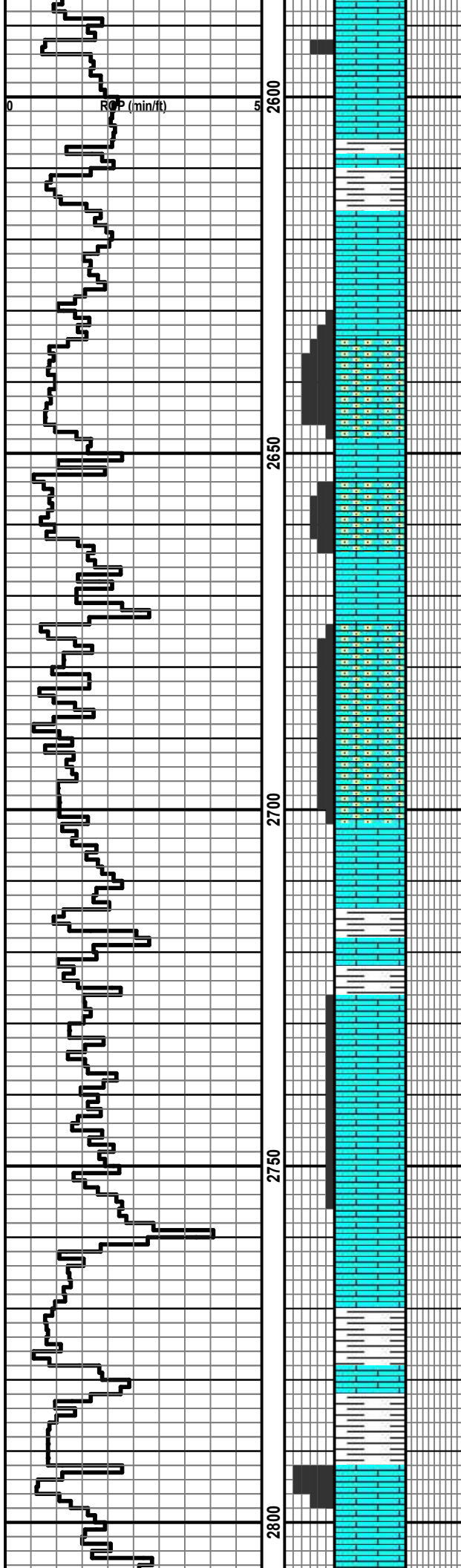
- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OIL SHOW

- Even
- Spotted
- Ques
- Gas show
- Dead







LS: AA w lam chrt, scat foss, scat lam SH, shly IP, mstly pr vis por, NS.

SH: gry to sm gm, carb incl, lam LS stmgr.

LS: lt bm to buff, fn xln, dns, scat foss, chrty, pr vis por, NS.

LS: lt bm to cm, fn xln, dns, wthrd, chlky, sndy, hvy ool foss, chrty, fr interxn por, NS.

LS: AA w fr interxn por, NS.

LS: AA w fr interxn por, NS.

SH: gry, pyr.

LS: gry to lt bm, fn xln, dns, sli incl, occ sli sndy txt, foss, mstly pr vis por, NS.

LS: AA w NS.

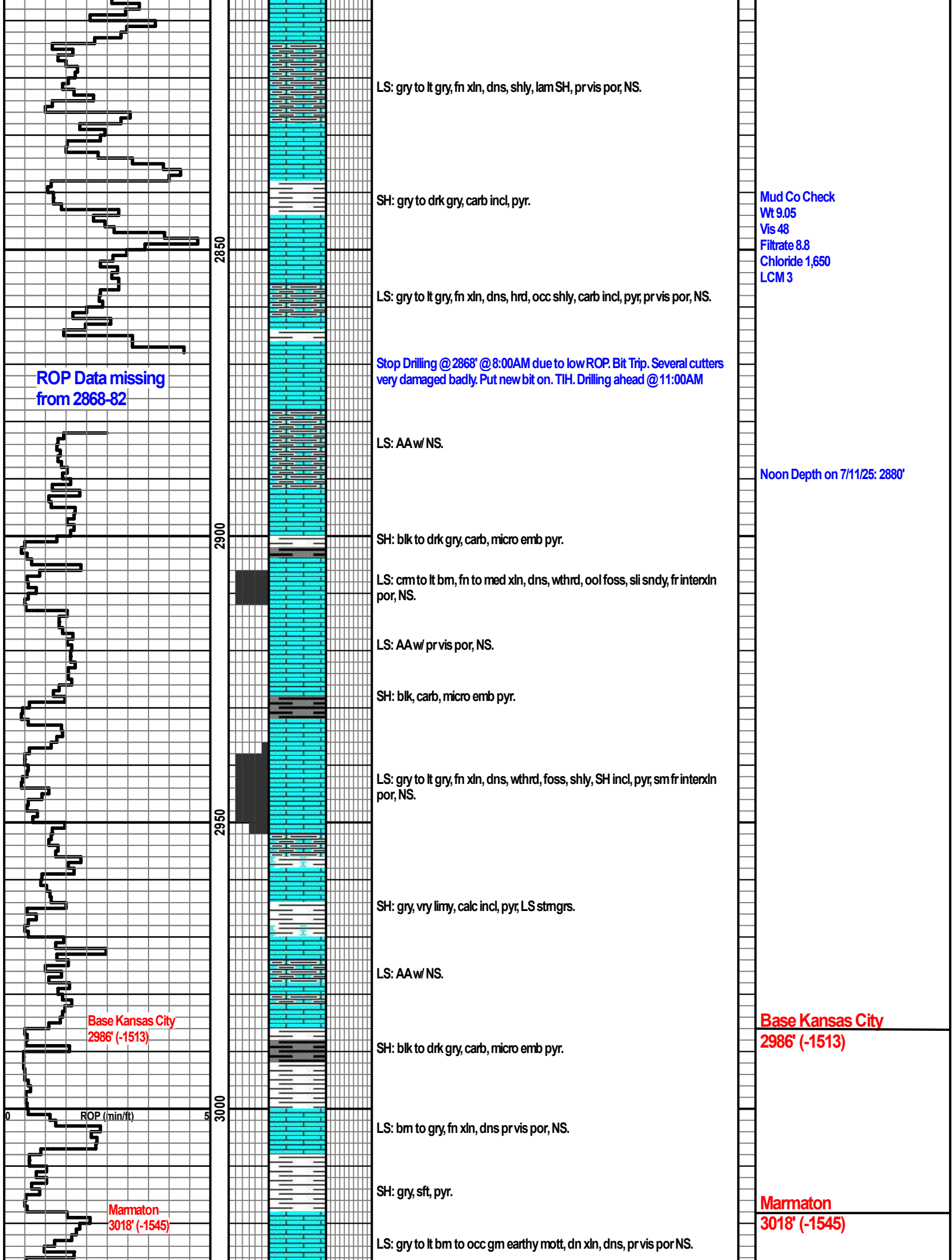
SH: gry to drk gry, carb incl, pyr.

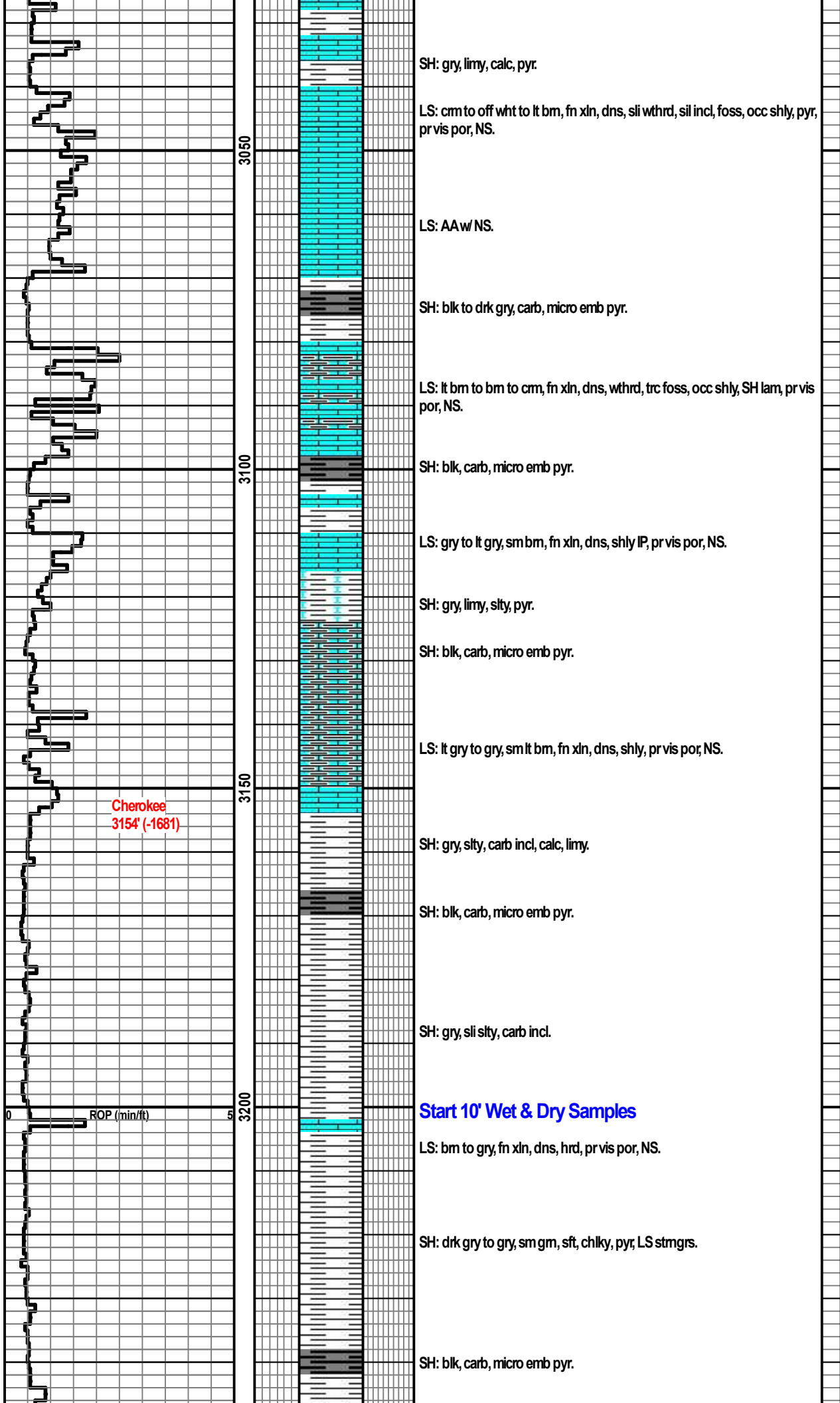
LS: gry, fn xln, dns, hrd re xln, chrty, pyr, pr vis por, NS.

SH: gry to drk gry, carb incl, pyr.

LS: bm to cm, fn to med xln, dns, sil incl, occ sndy txt, foss, occ wht wthrd chrty incl, sm fr interxn por, NS.

Midnight Depth on 7/11/25: 2660'





Cherokee
3154' (-1681)

Cherokee
3154' (-1681)

Start 10' Wet & Dry Samples

