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Alta Mesa Holdings, LP

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

Well Name: DJS Properties 2-14

ALTA MESA SERVICES

API: 11-075-20023

Location: Sec 14, T8N, R4W

Payette County, ID

License Number: AFE: 113DC1592

Region: Wildcat

Spud Date: 9/12/2014

Drilling Completed: 9/16/2014

Surface Coordinates: See drilling report

Bottom Hole Coordinates: See drilling report

Coordinates:

Ground Elevation (ft): 2480'

K.B. Elevation (ft): 2494'

Logged Interval (ft): 100' To: 5500'

Total Depth (ft): 5500'

Formation: Wildcat Sand

Type of Drilling Fluid: WBM to SCP, Invert Emulsion to TD

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

OPERATOR

Company: Alta Mesa Services

Address: 15021 Katy Freeway

Ste 400

Houston, TX 77094-1813

GEOLOGIST

Name: Phil Littlefield, Adam Johnson

Company: King Canyon Buffalo, Inc.

Address: 33 King Canyon Rd.

Chadron, NE 69337

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Comments

Company Man: Jesse Tatman, Mike Dumas

Alta Mesa Engineer: David Tubbs

Alta Mesa Geologist: Mike McMennamy

Contractor: PGDS Rig #7 (Paul Graham Drilling Service)

Tool Pusher: Jeff Lopez, Dave Landers

Mud Company: Newpark Drilling Fluids

Mud Engineer: Richard Magee, Brett Karasek

KCB Wellsite Geology: Phil Littlefield, Adam Johnson, Brent Weeks, Angela Gelfer

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ROCK TYPES

	Dol gy		Sh medgy		Carbshdkgy		clyst lt-mgy
	Anhy rose		Sltst brn		Sh carb		Coal
	Anhy wh		sltst wh		Sh dkgy		Tuff ltgy
	Bent		sltst ltgy		Sh grn		Tuff ltgrn
	Cht		Sltst tn		Sh medgy		Tuff white
	Coal		sltst mgy		Sh ltgy		Tuff dkgy
	Ls off wh		Sltst		NO SMPL		Tuff orng
	Ls crmtn		Ss loose qtz		nosmpl		Basalt flow top
	Congl		Ss gy		Csgpt		Basalt entab
	Dol brn		Ss		clyst tan/buff		Basalt columnade
	Ls ltgy		Sh rdbrn		clyst brn		Carbsh
	Ls tn		Shale sndy		clyst mar		clyst m-mdkgy
	Ls wh		Sh brn		clyst wh		
	Ls med brn		Sh tan		clyst ltgrn		
	Ls medgy		Sh ltblu		clyst rdbrn		
					clyst blgy		

ACCESSORIES

MINERAL	FOSSIL	TEXTURE	
	Marl		Ls
	Qtz or calct xls		Mrst
	Nodule		Sltstrg
	Phos		Ssstrg
	Pyr		Clyst gy
	Salt		Lsgy
	Sandy		Lscrmtn
	Silt		
	Sil		
	Sulphur		
	Tuff		
	FOSSIL		
	Algae		
	Amph		
	Belm		
	Bioclst		
	Brach		
	Bryozoa		
	Cephal		
	Coral		
		STRINGER	
		Anhy	
		Arg	
		Bent	
		Coal	
		Dol	
		Gyp	

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OTHER SYMBOLS

POROSITY

- [E] Earthy
- [F] Fenest
- [F] Fracture
- [X] Inter
- [M] Moldic
- [O] Organic
- [P] Pinpoint
- [V] Vuggy

SORTING

- [W] Well
- [M] Moderate
- [P] Poor

ROUNDING

- [R] Rounded
- [r] Subrnd
- [a] Subang
- [A] Angular

OIL SHOW

- [●] Even
- [○] Spotted
- [○] Ques
- [D] Dead

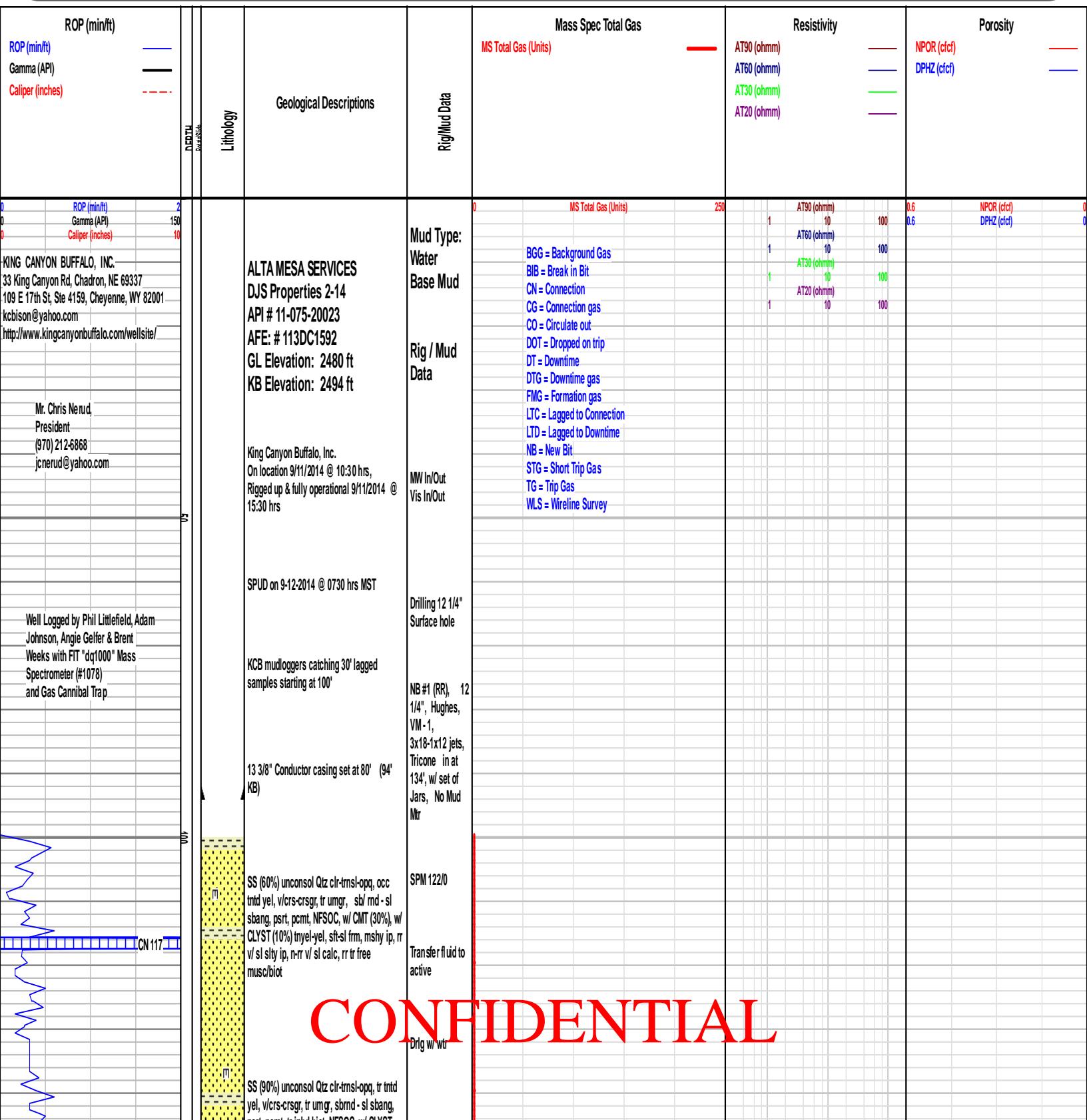
INTERVAL

- [■] Core
- [□] Dst
- [□] Casing

EVENT

- [▲] Rft
- [▼] Sidewall
- [■] New bit

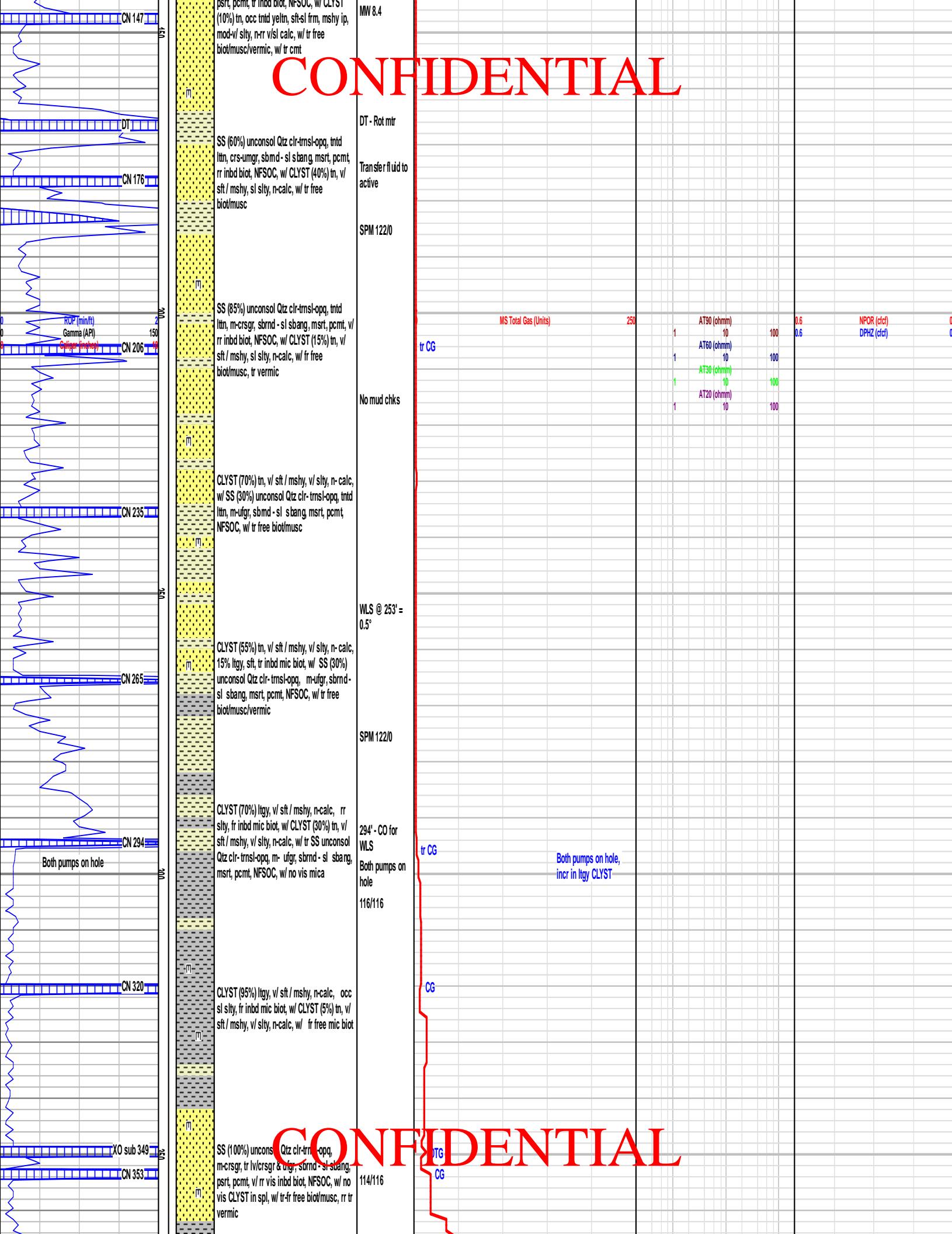
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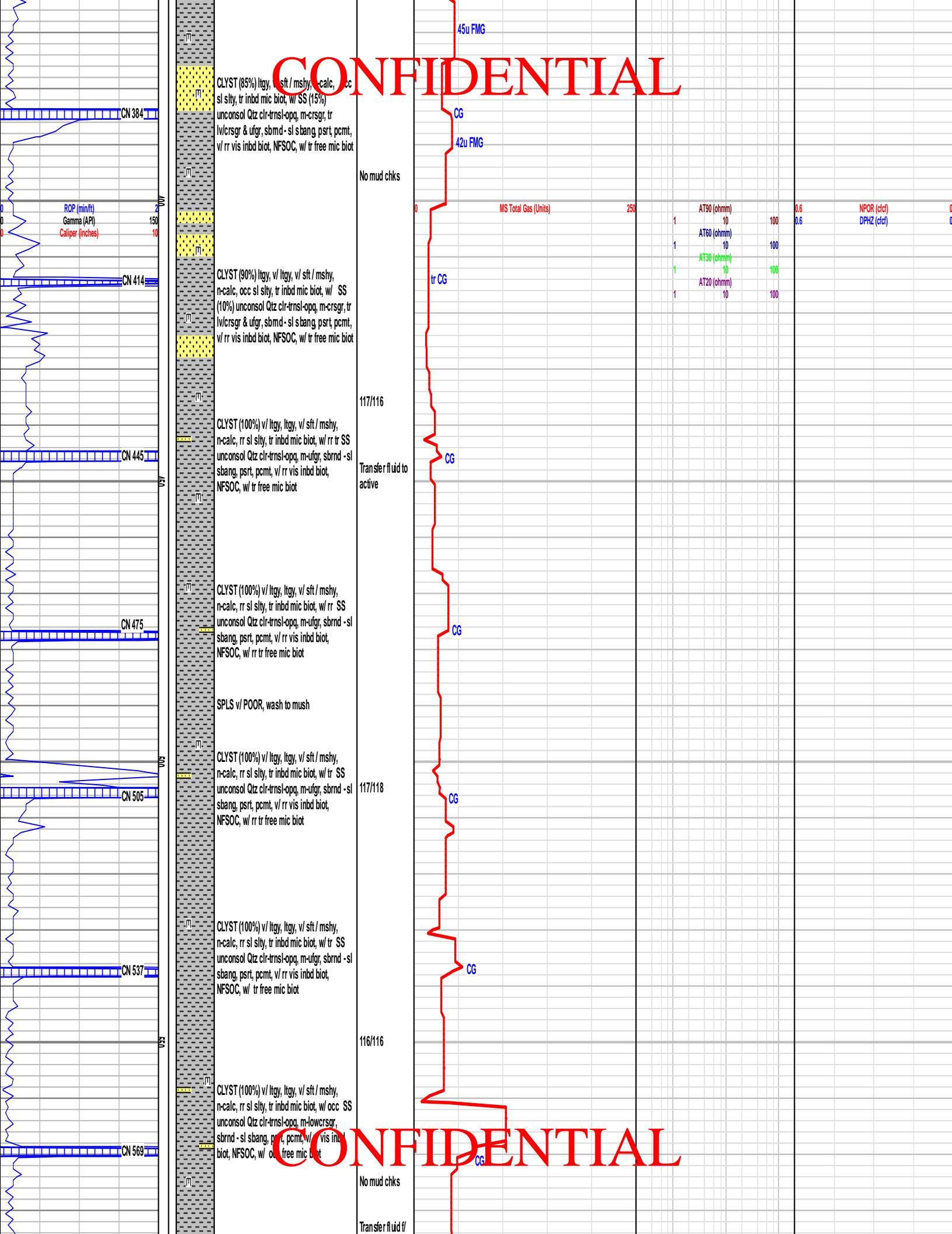
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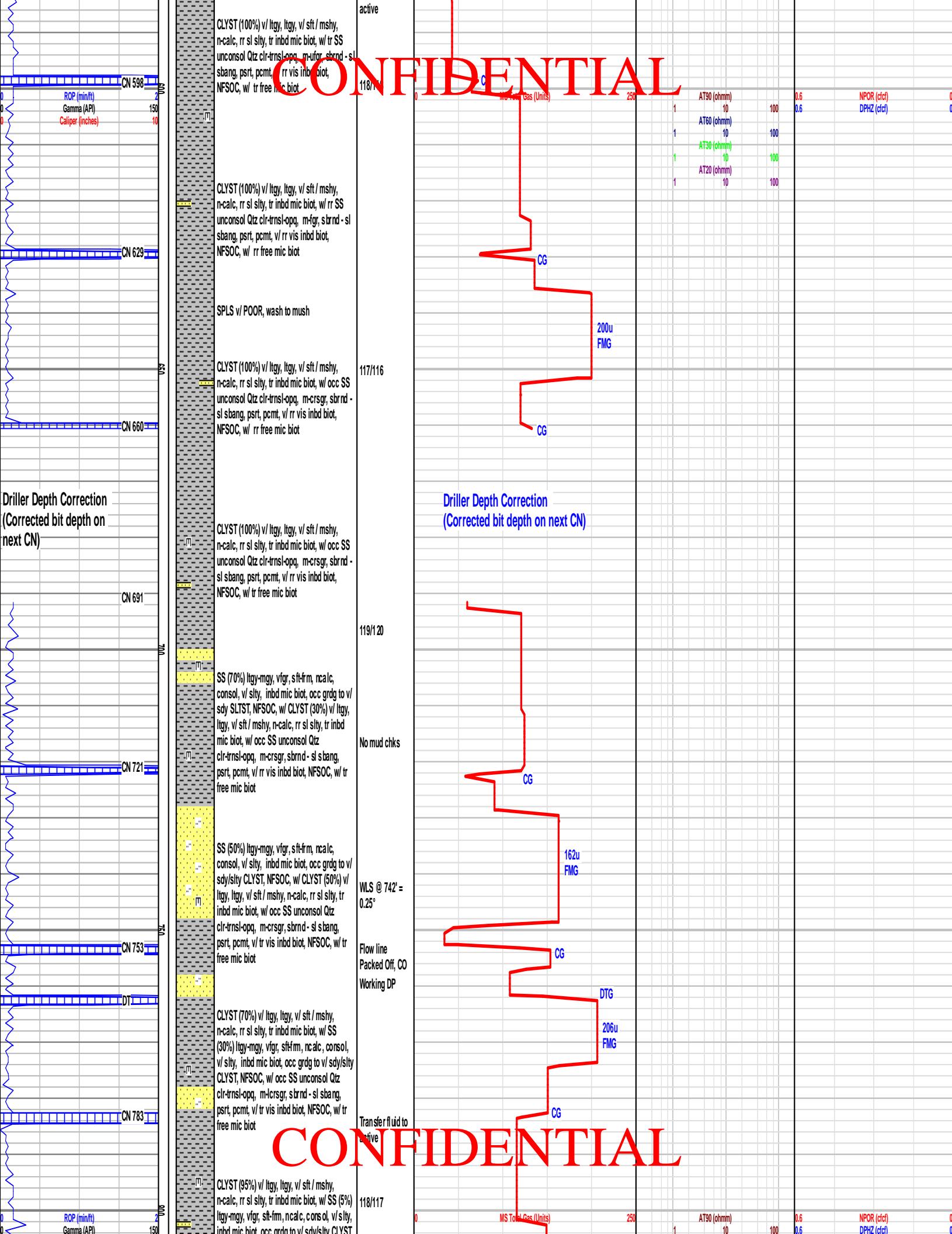


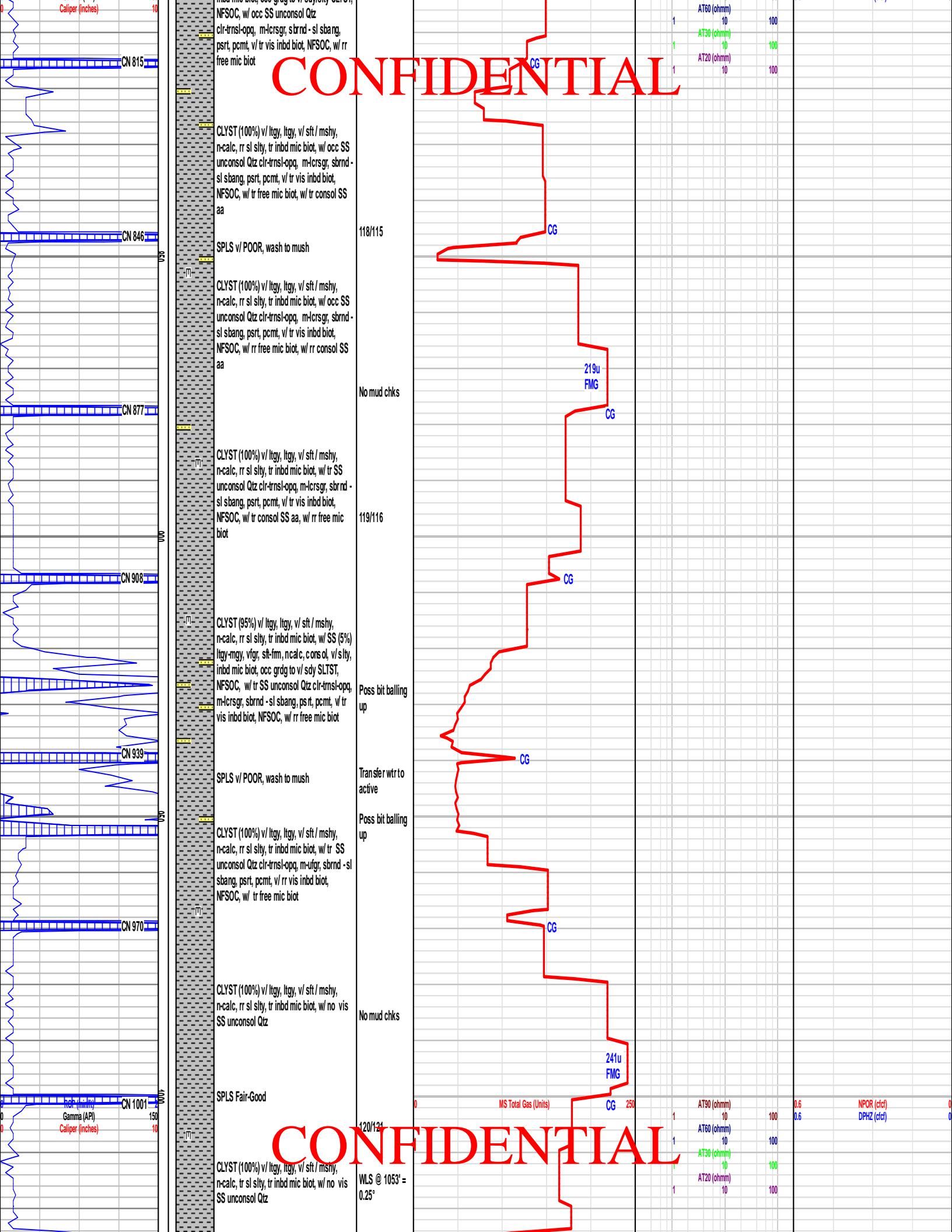
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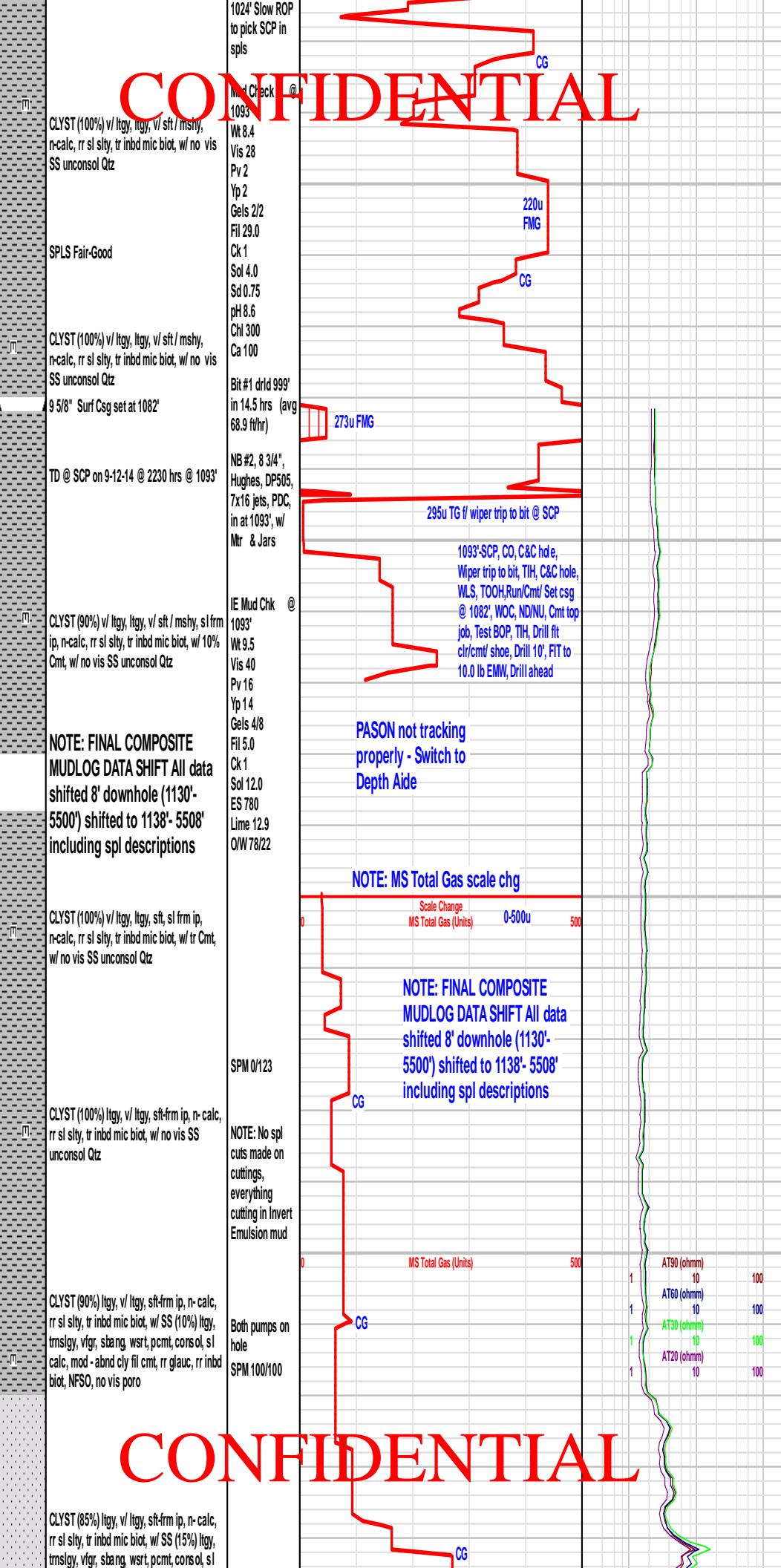
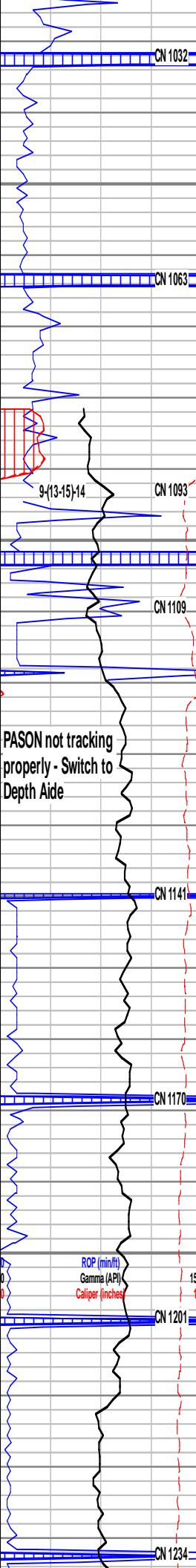
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CLYST (95%) ltgy, v/ ltgy, sft-frm ip, n-calc,
 rr sl silty, tr inbd mic biot, w/ SS (5%) ltgy,
 trnslgly, vfgr, sbang, wsrt, pcmt, consol, sl
 calc, mod -abnd cly fil cmt, rr glauc, rr-tr
 inbd biot, NFSO, no vis poro

SPM 98/100

CLYST (100%) ltgy, v/ ltgy, sft-firm ip, n- calc,
 rr sl silty, tr inbd mic biot, w/ tr SS ltgy,
 trnslgy, vfgr, sbang, wsrt, pcmt, consol, sl
 calc, mod - abnd cly fil cmt, rr glauc, rr
 inbd biot, NFSO, no vis poro

MW 9.6
Vis 61

CLYST (100%) ltgy, v/ ltgy, sft-frm ip, n- calc,
rr sl sity, tr imbd mic biot, w/ rr tr LS: ltgy,
crp-micxln, frm - hd ip, dul yel flour, NSO, no
vis SS in spl

HAMILTON
SAND @
1350' (1144)

SS (40%) unconsol Qtz clrt-trnsl-opp,
m-lcrsqr, tr ulgr, sbrnd-sl sbang, psrt, pcmt,
rr inbd biot, dul yel-yelgrn flour, NSO, w/ SS
(40%) ltgy, trnslyg, vtgr, sbang, w/ srt, pcmt,
consol, sl calc, mod-abnd cly filg, tr glauc,
NESO, fr vts poro, w/ 20% CIYST aa

SPM 99/97

SS (45%) uncnsrl Q12 Cr-117m-Op4,
 m-lcrsgr, tr ufg, sbrnd-sl sbang, psrt, pcmt,
 rr inbd biot, dul yel-yelgrn flou, NSO, w/ SS
 (40%) ltgy, trnslyg, vfg, sbang, wsrt, pcmt,
 consol, sl calc, mod-abnd cly filg, tr
 glauc, tr inbd n cly, NFSO, fr vis poro, w/
 15% CLYST aa

CLYST (90%) ltgy, tn-tny, sft-frm, n- v/ sl calc, rr sl silty, tr inbd mic biot, w/ SS (10%)
ltgy, trnslyg, vfrg, sbang, wsrt, pcmnt, consol,
sl calc, mod - abnd cly filg, tr glauc, NFSO,
tr vis poro, w/ rr unconsol SS Qtz aa

N
CRM 2/00

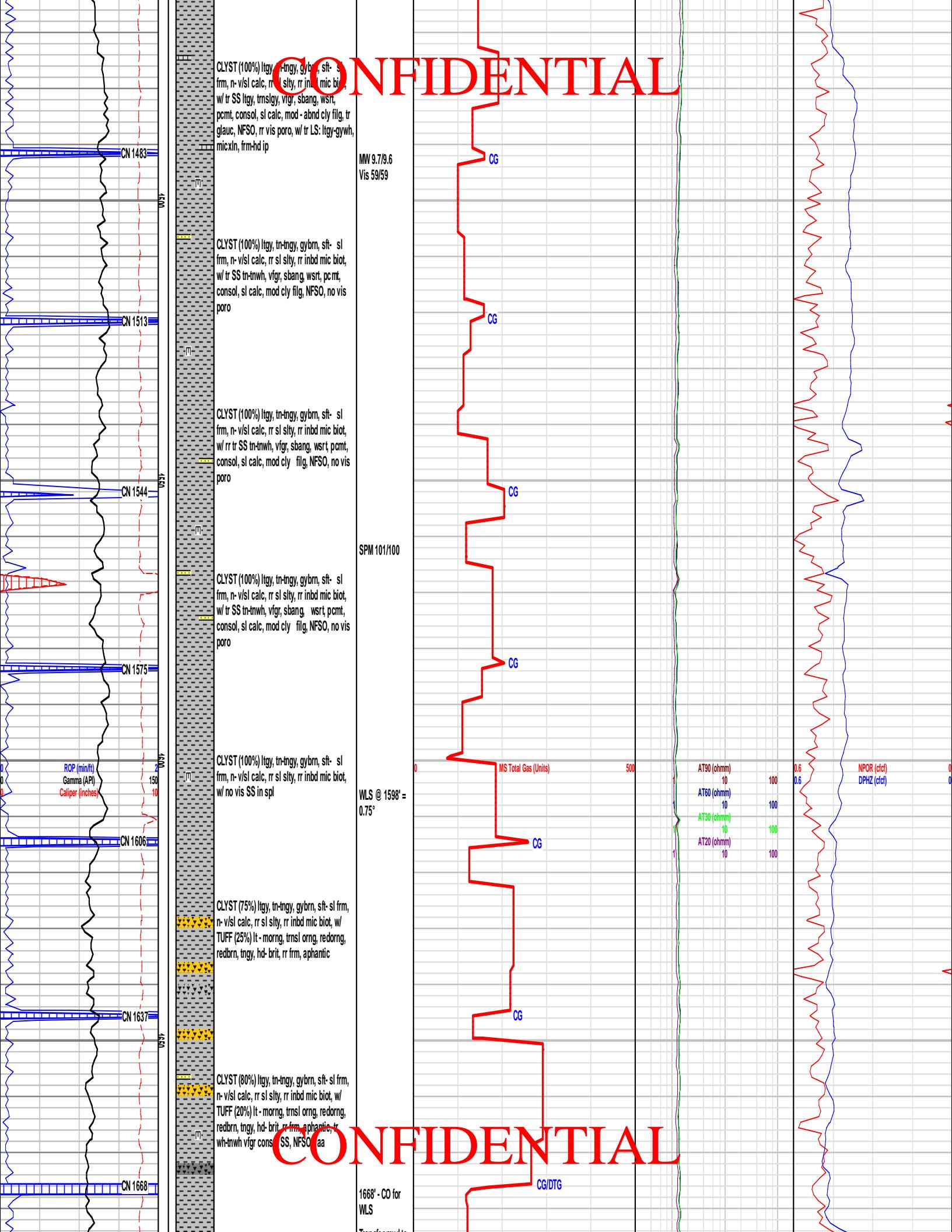
**NOTE: FINAL COMPOSITE
MUDLOG DATA SHIFT** All data
shifted 8' downhole (1130'-
5500') shifted to 1138'- 5508'
including spl descriptions

ENTAILMENT

AT90 (ohmm)		0.6	NPOR (cfc)
10	100	0.6	DPHZ (cfc)

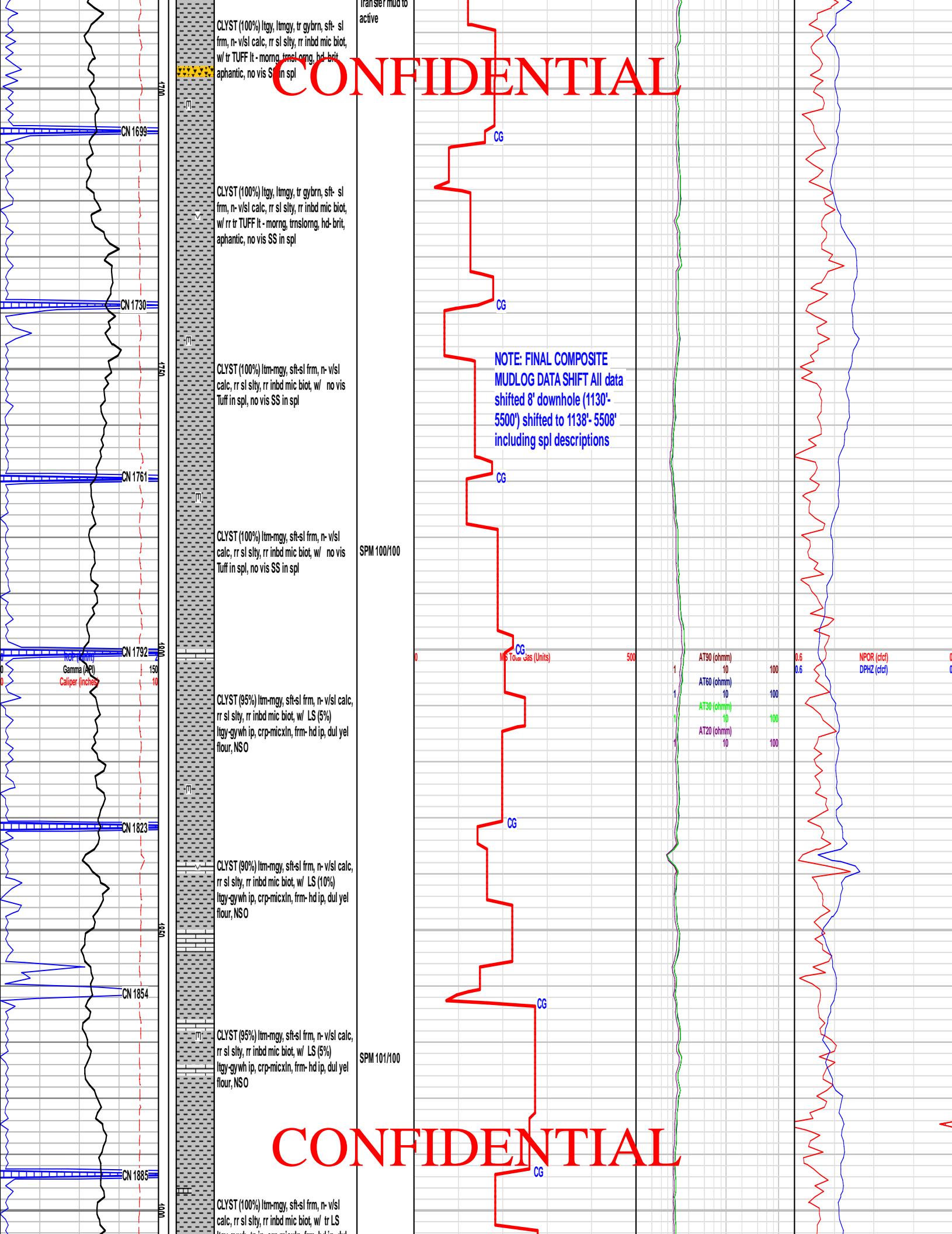
AT90 (ohmm)		0.6	NPOR (cfc)
10	100	0.6	DPHZ (cfc)

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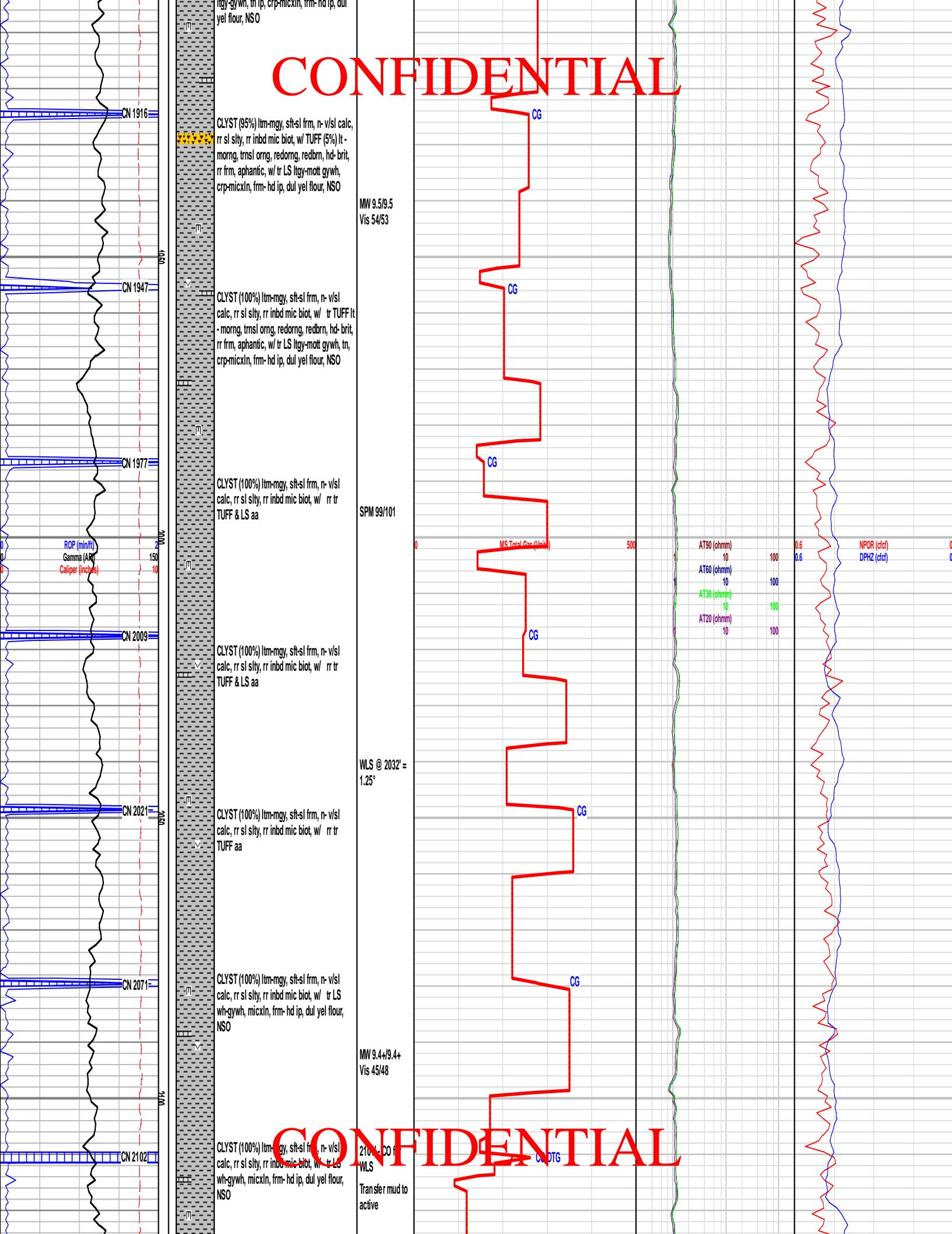
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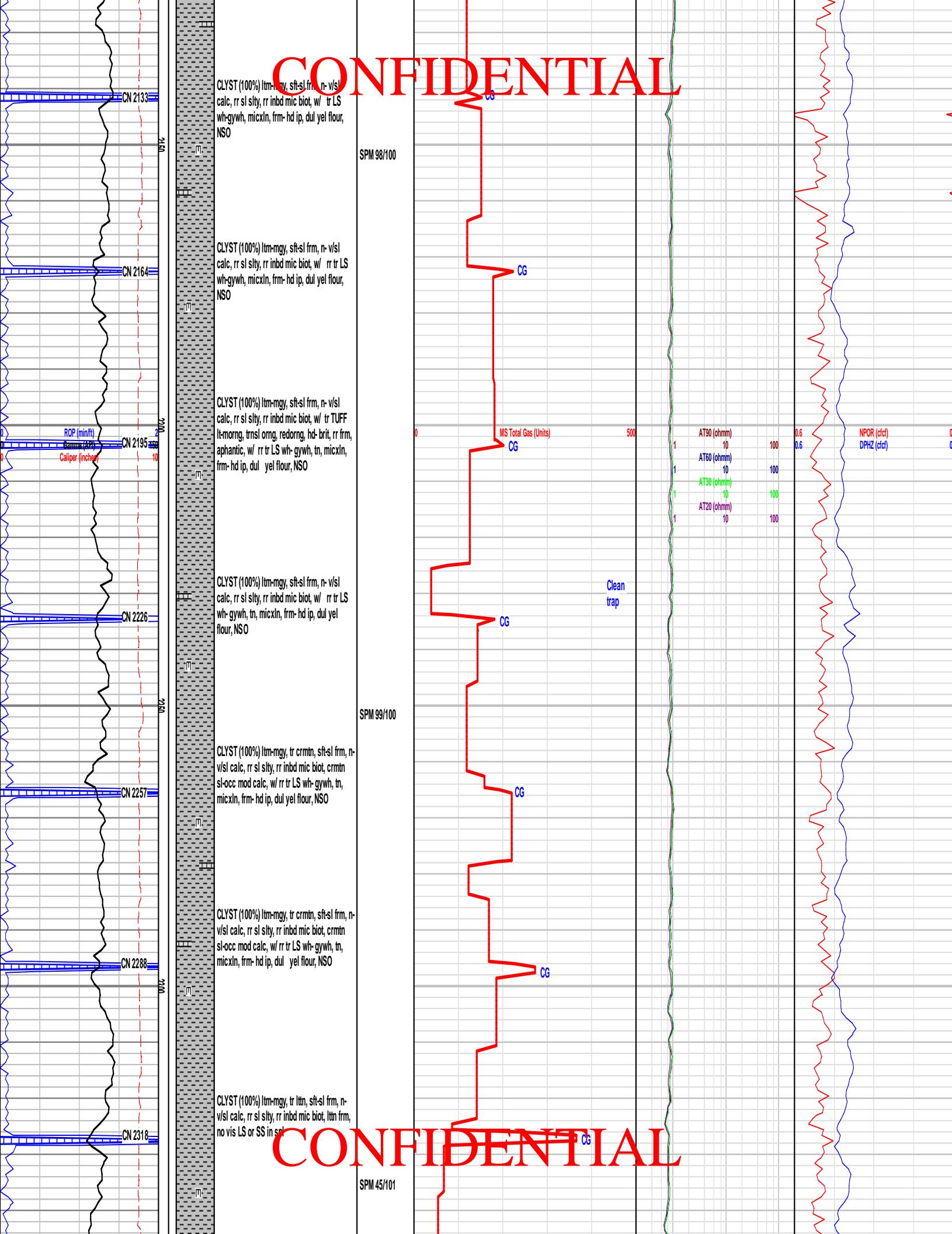


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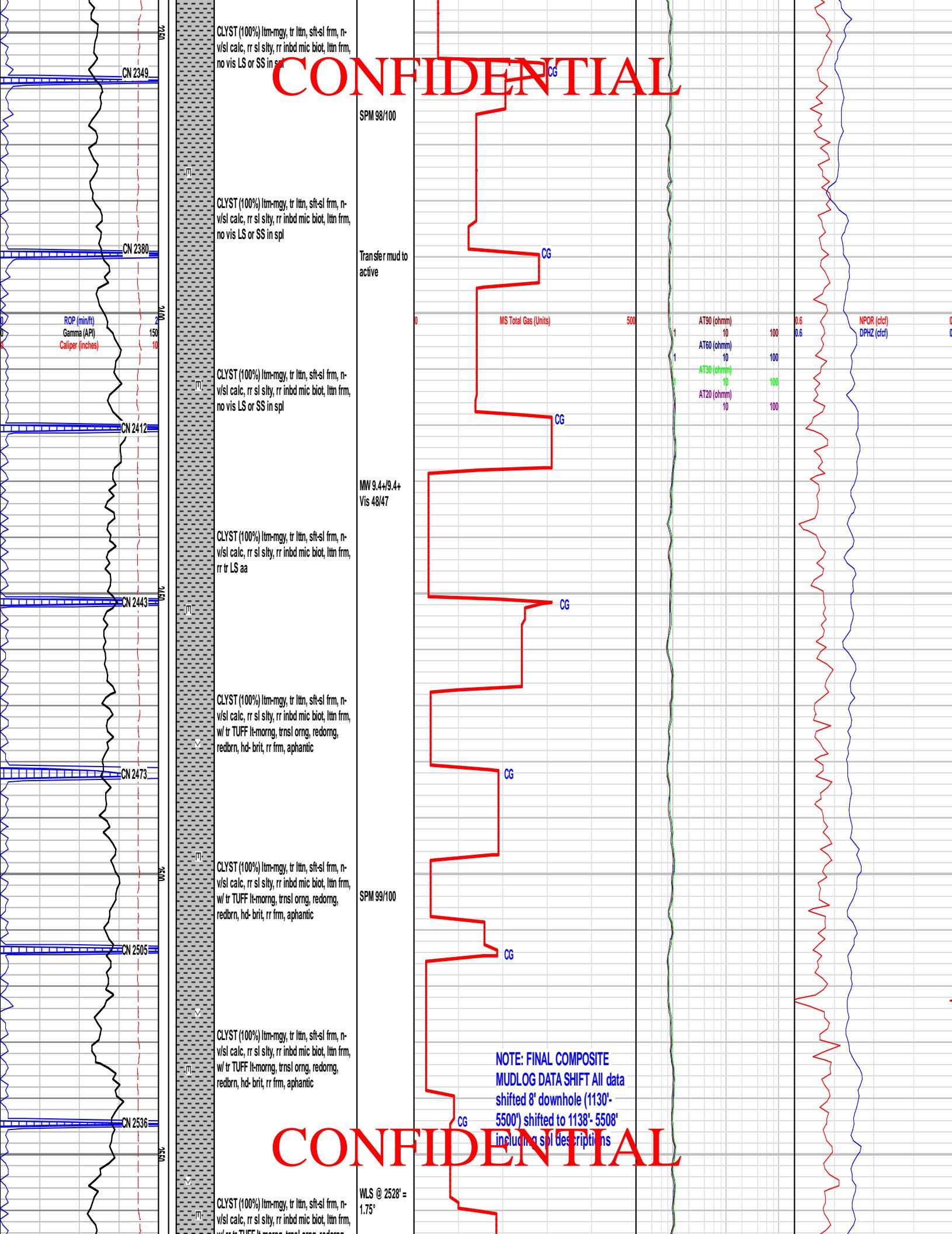


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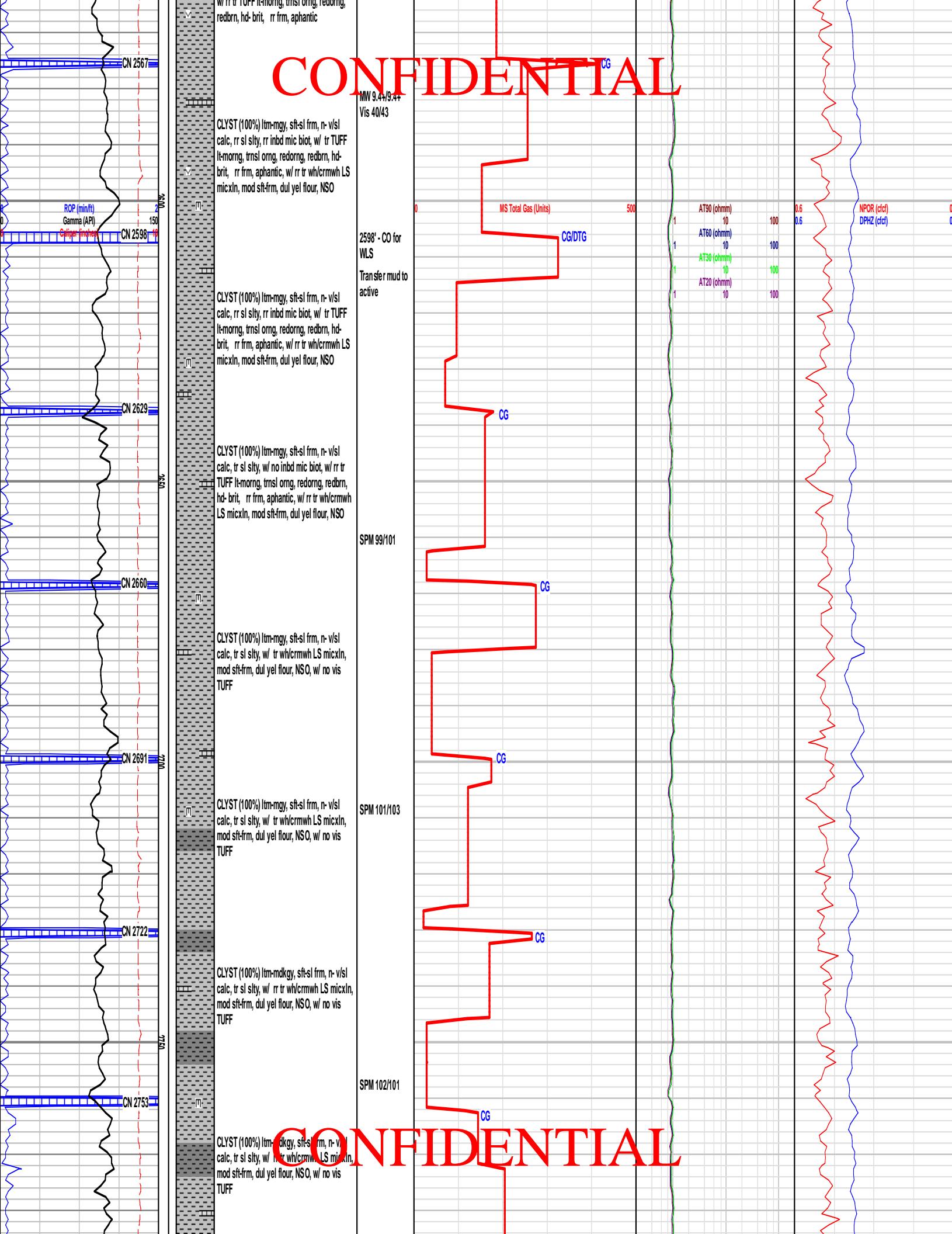
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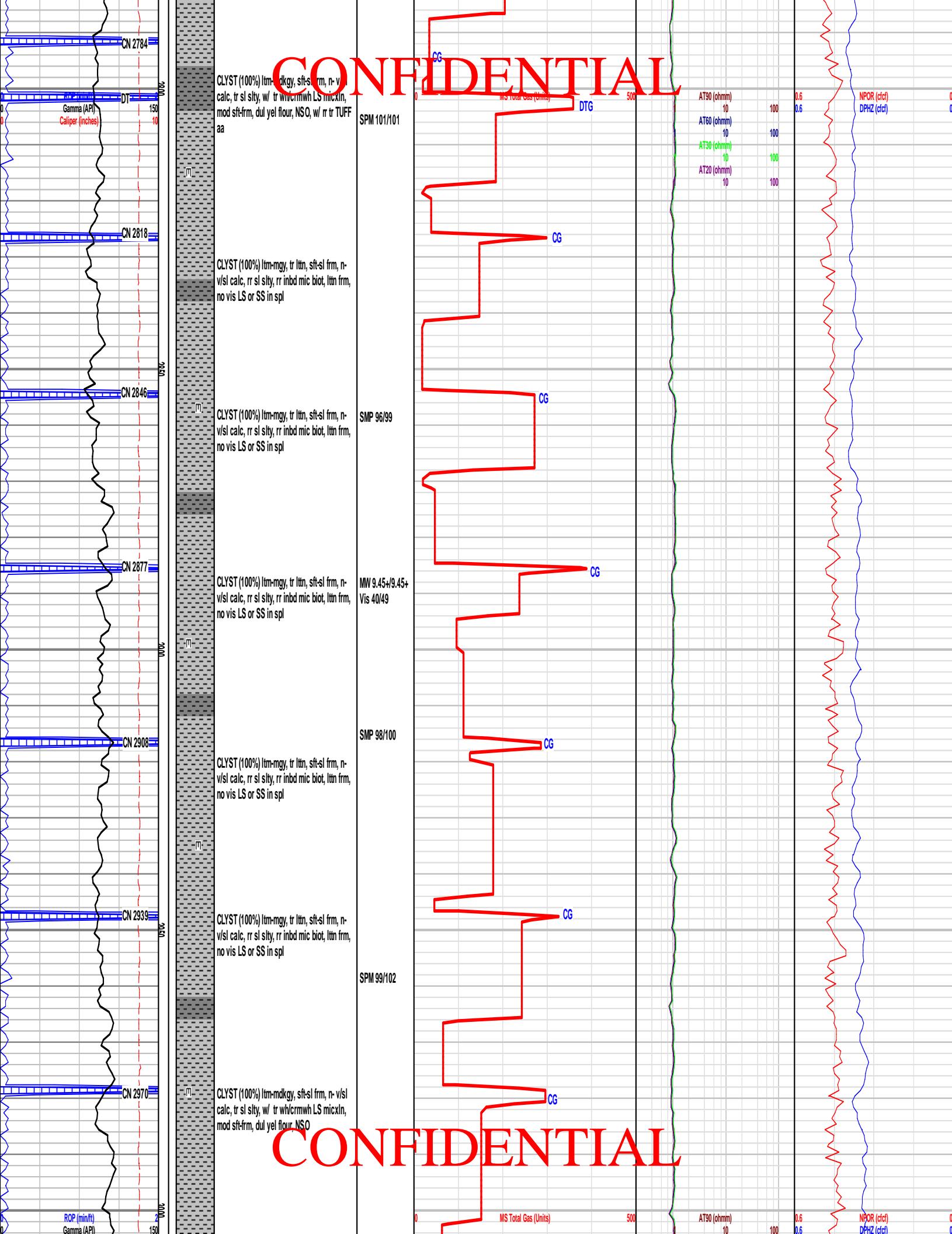
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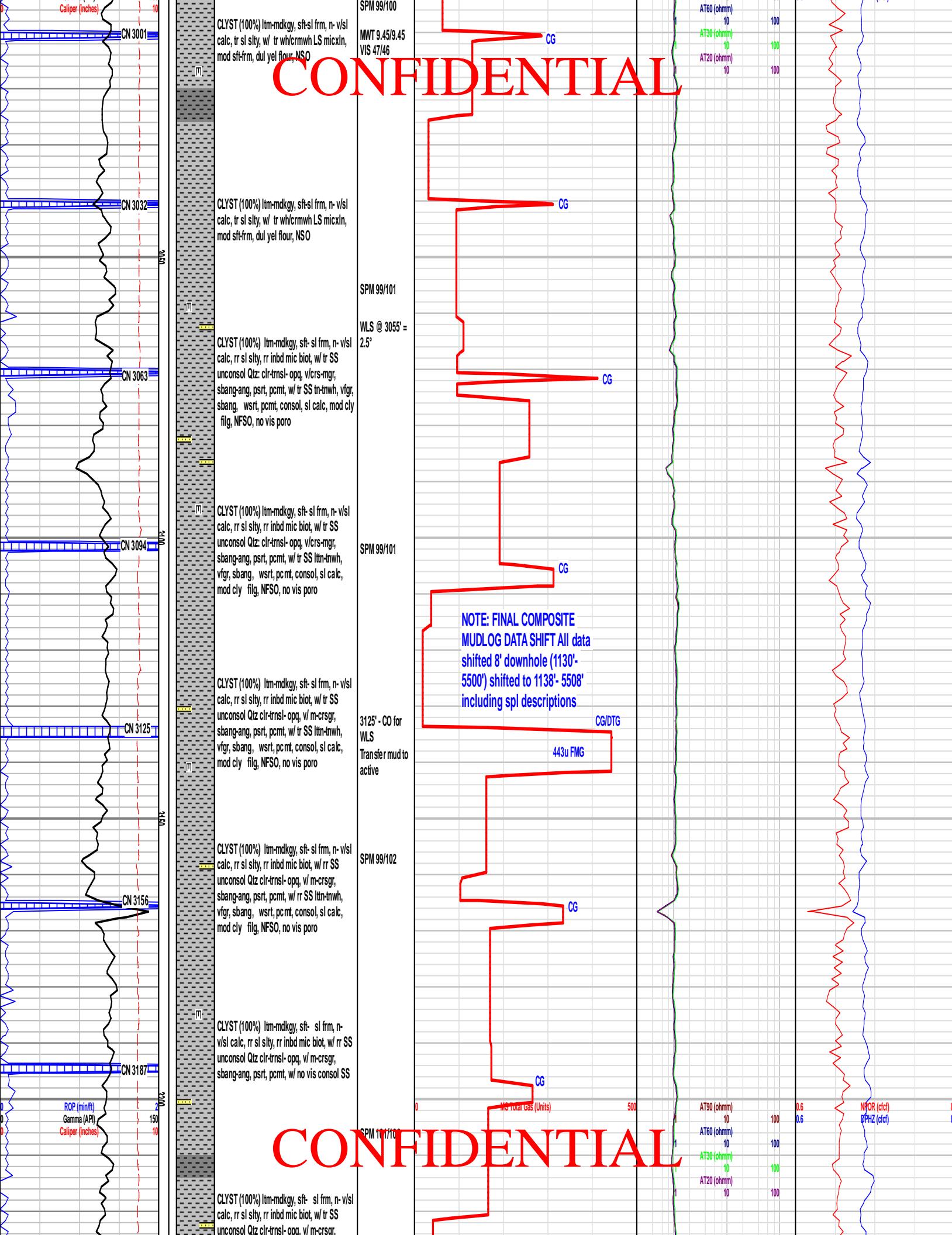


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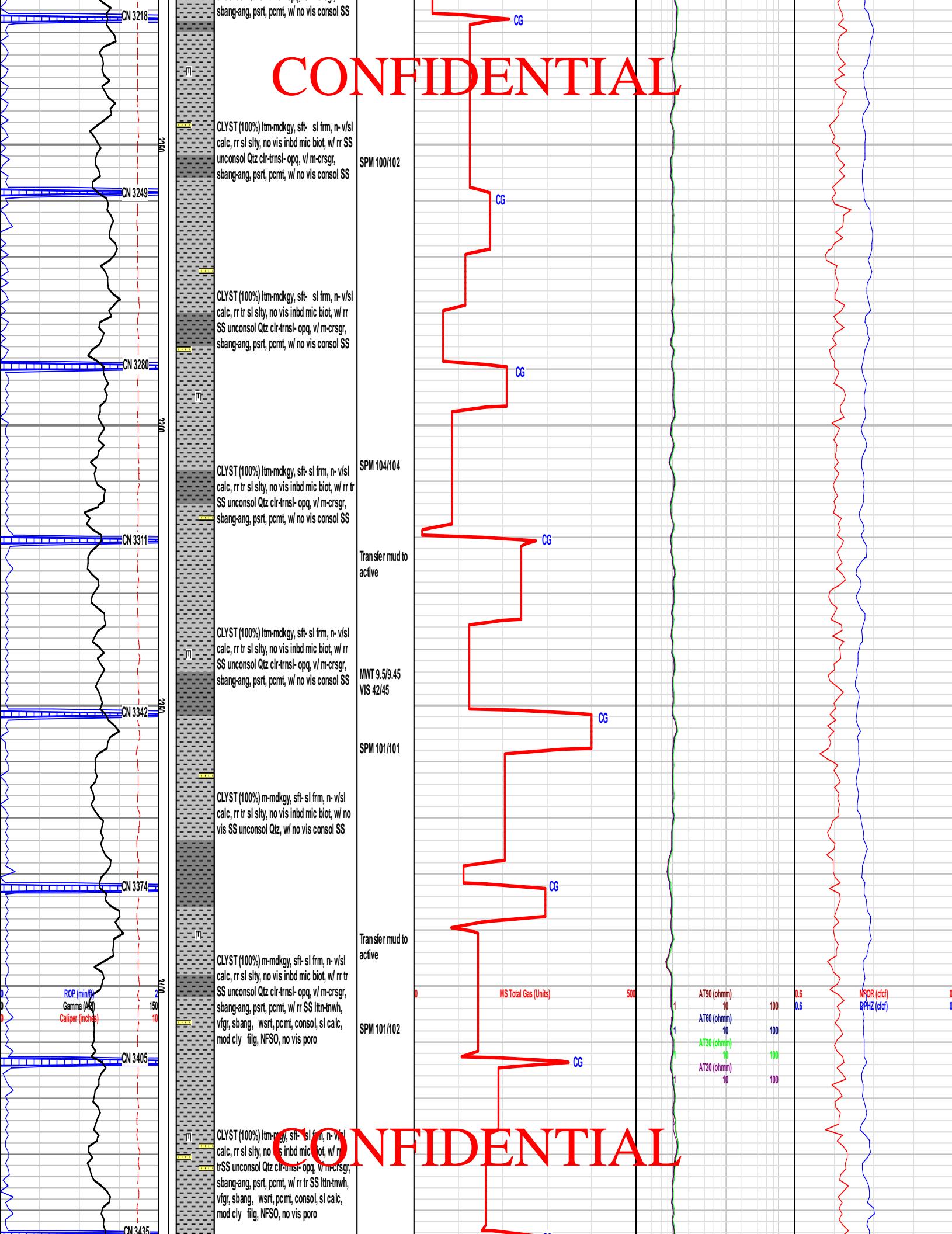
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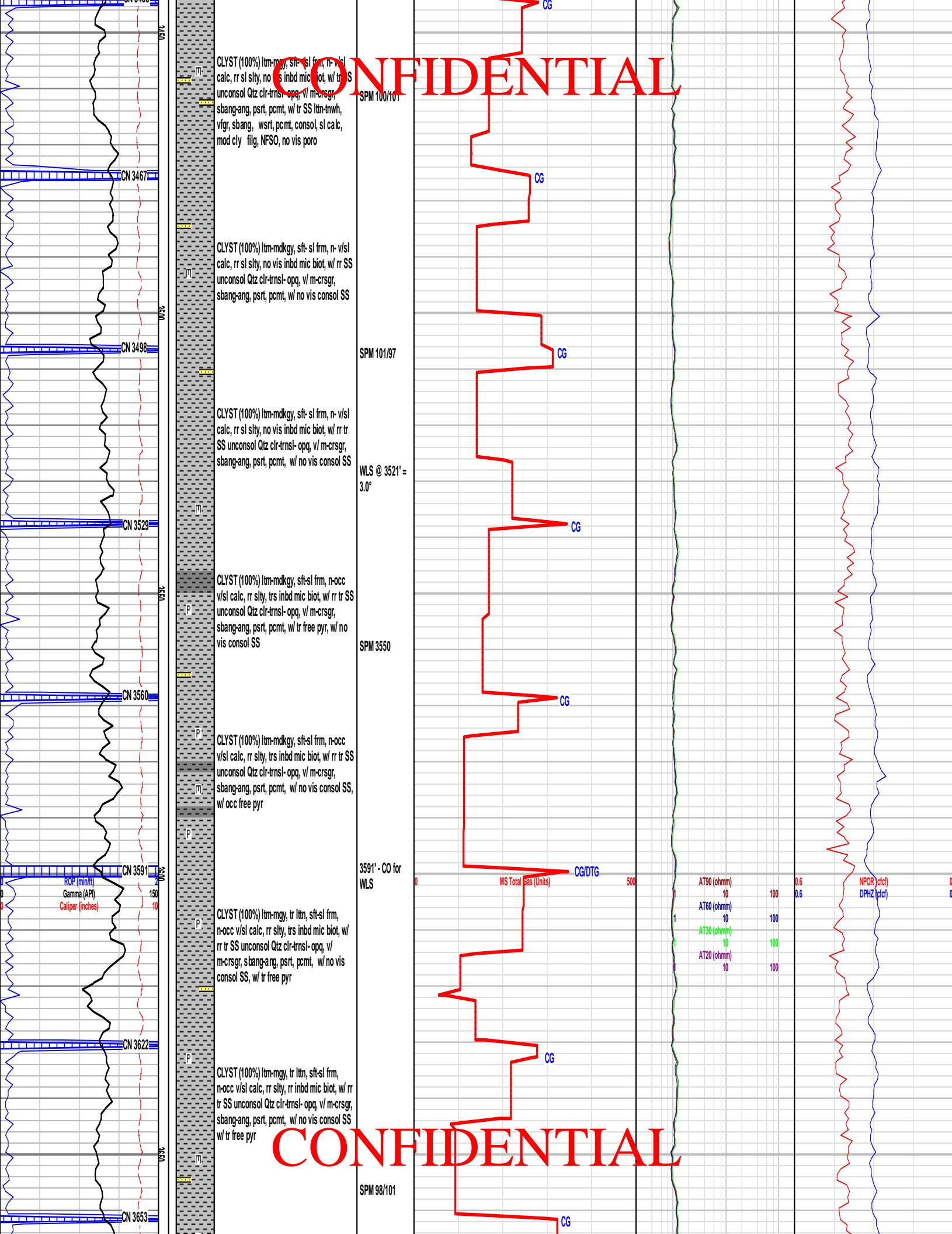
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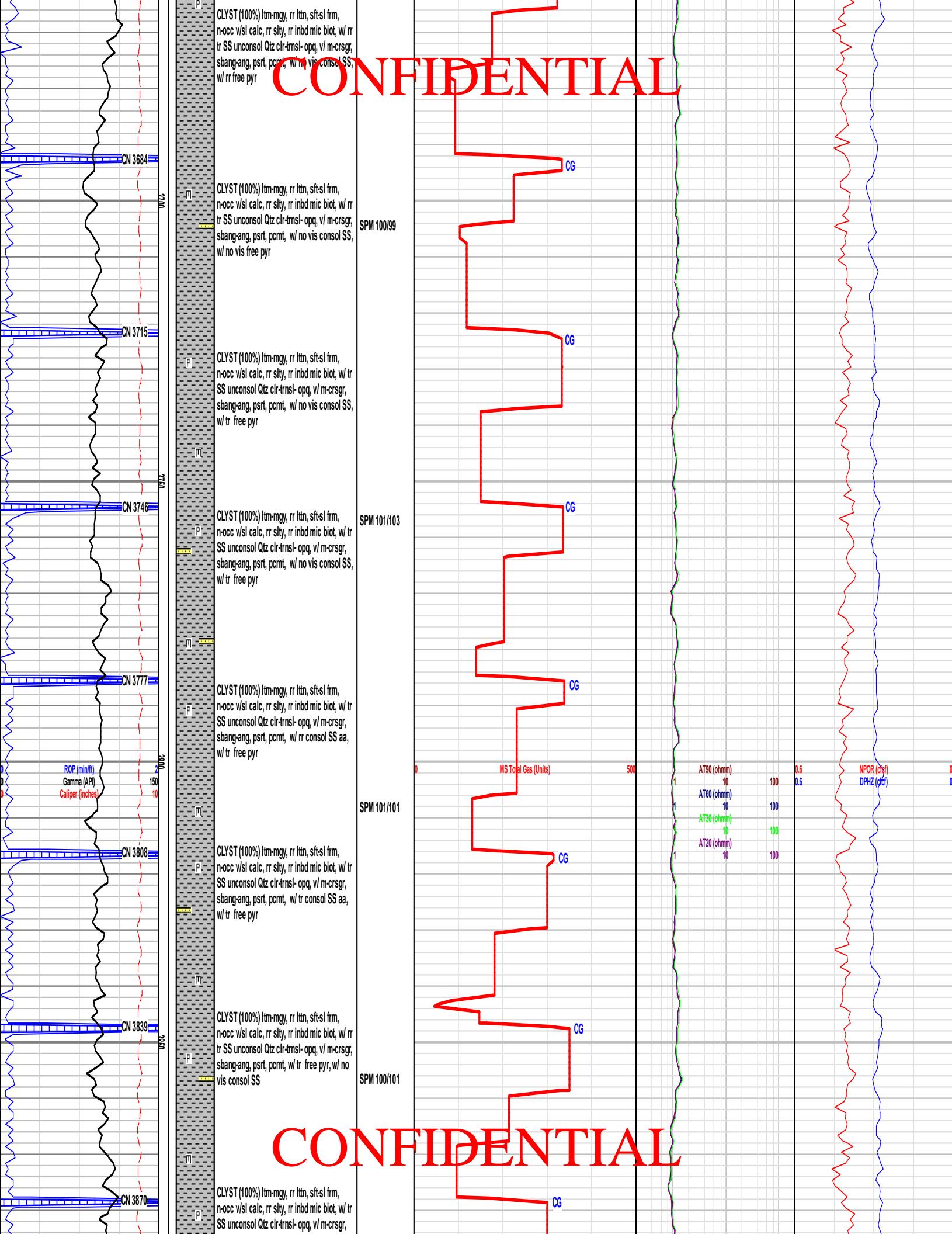


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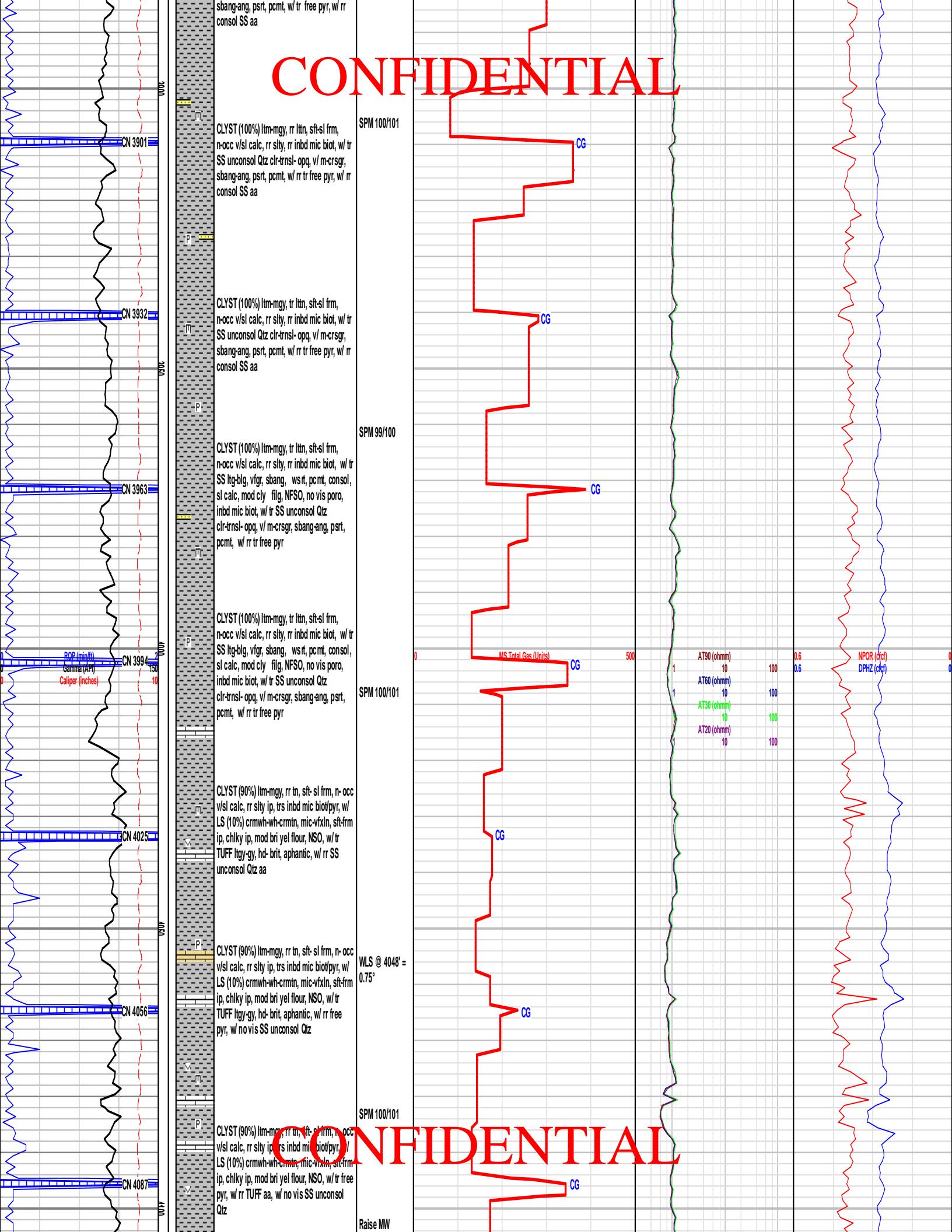
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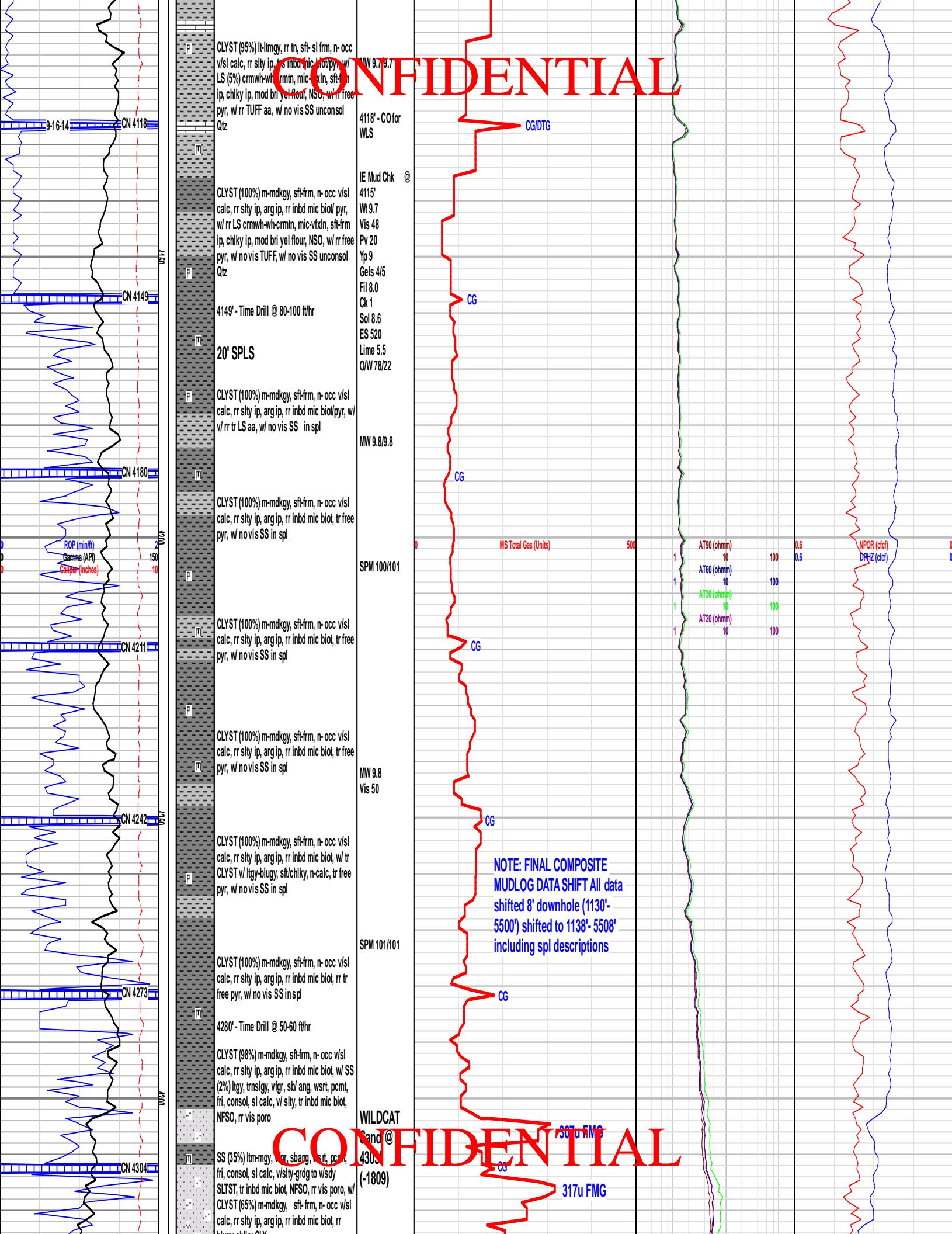


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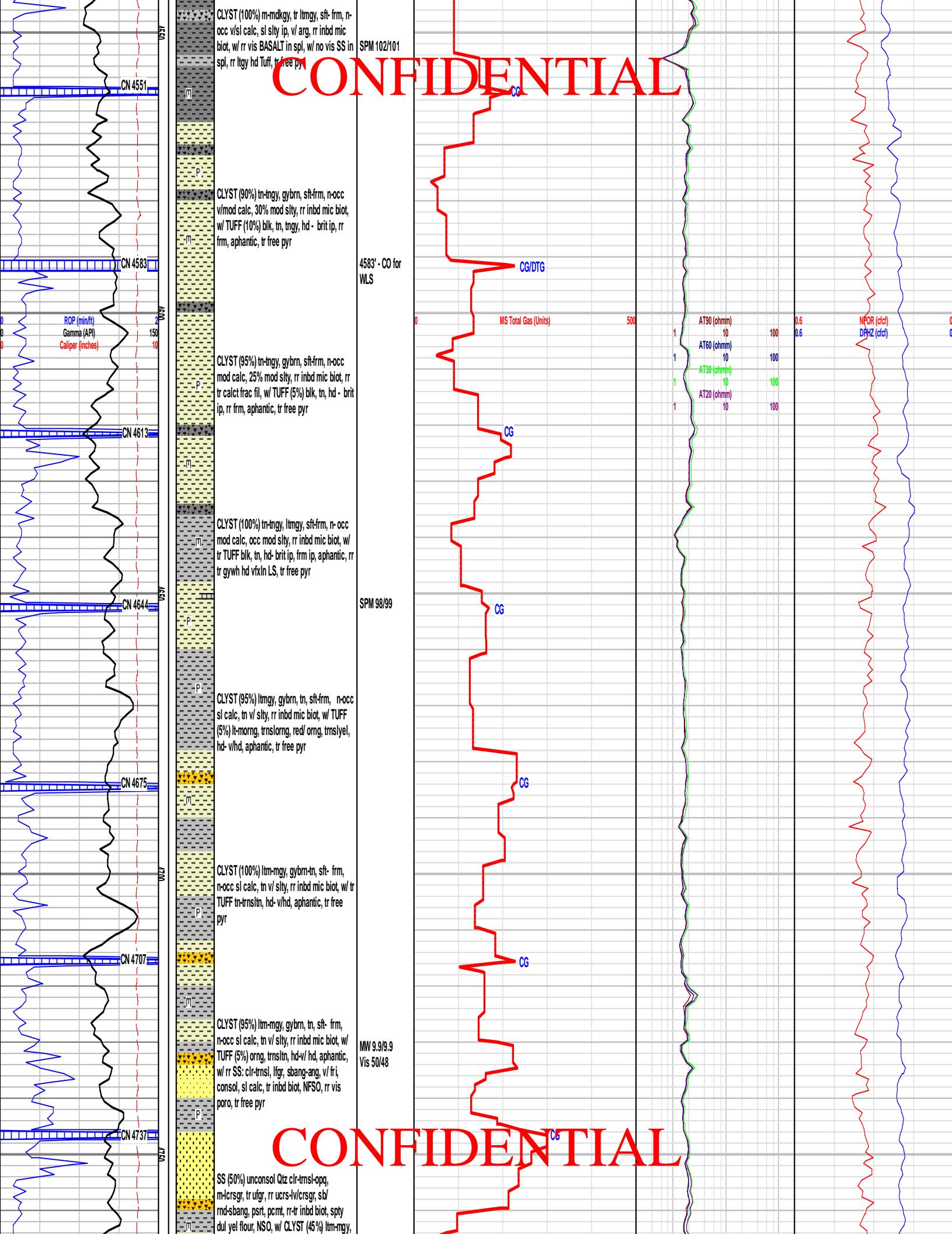
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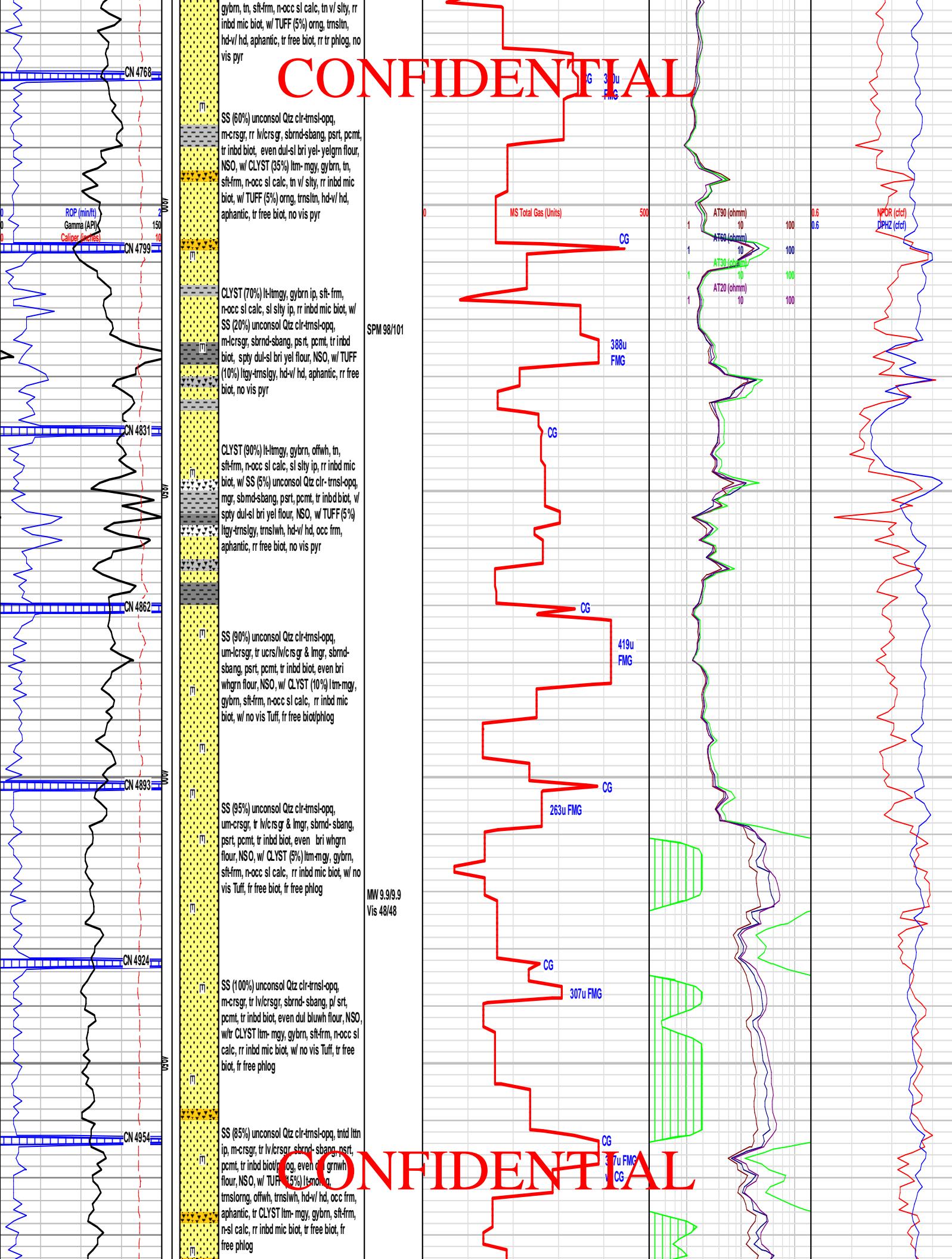


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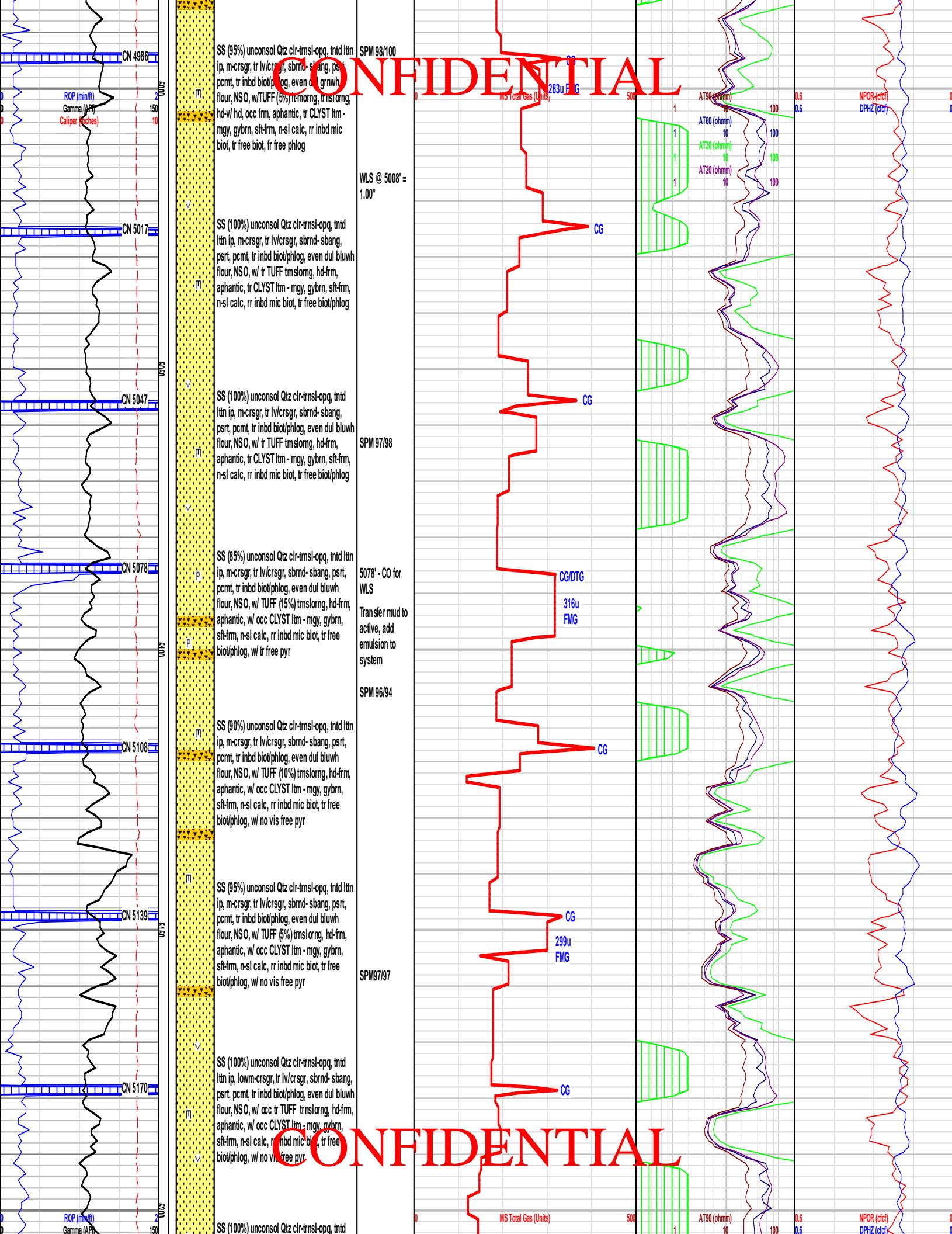
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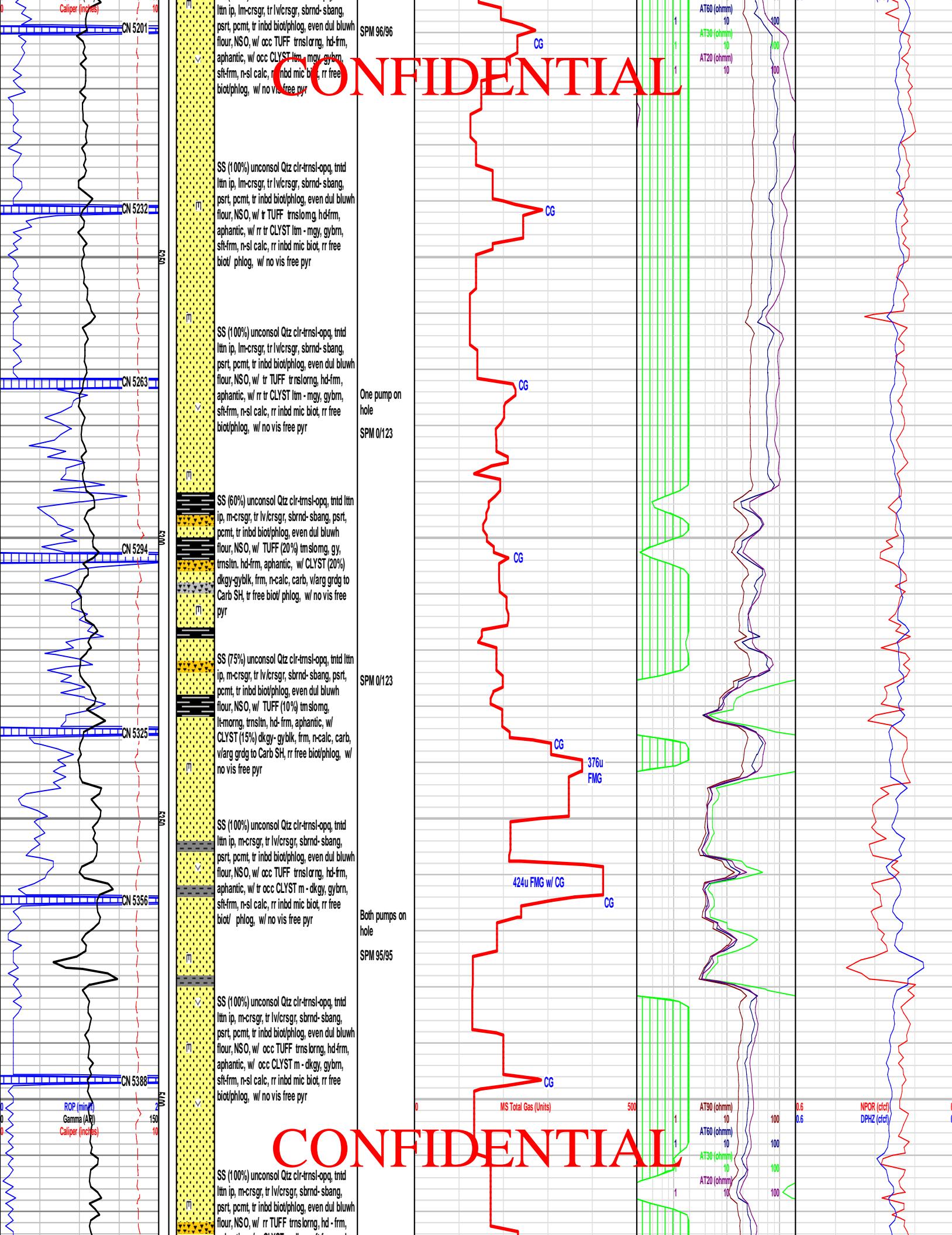
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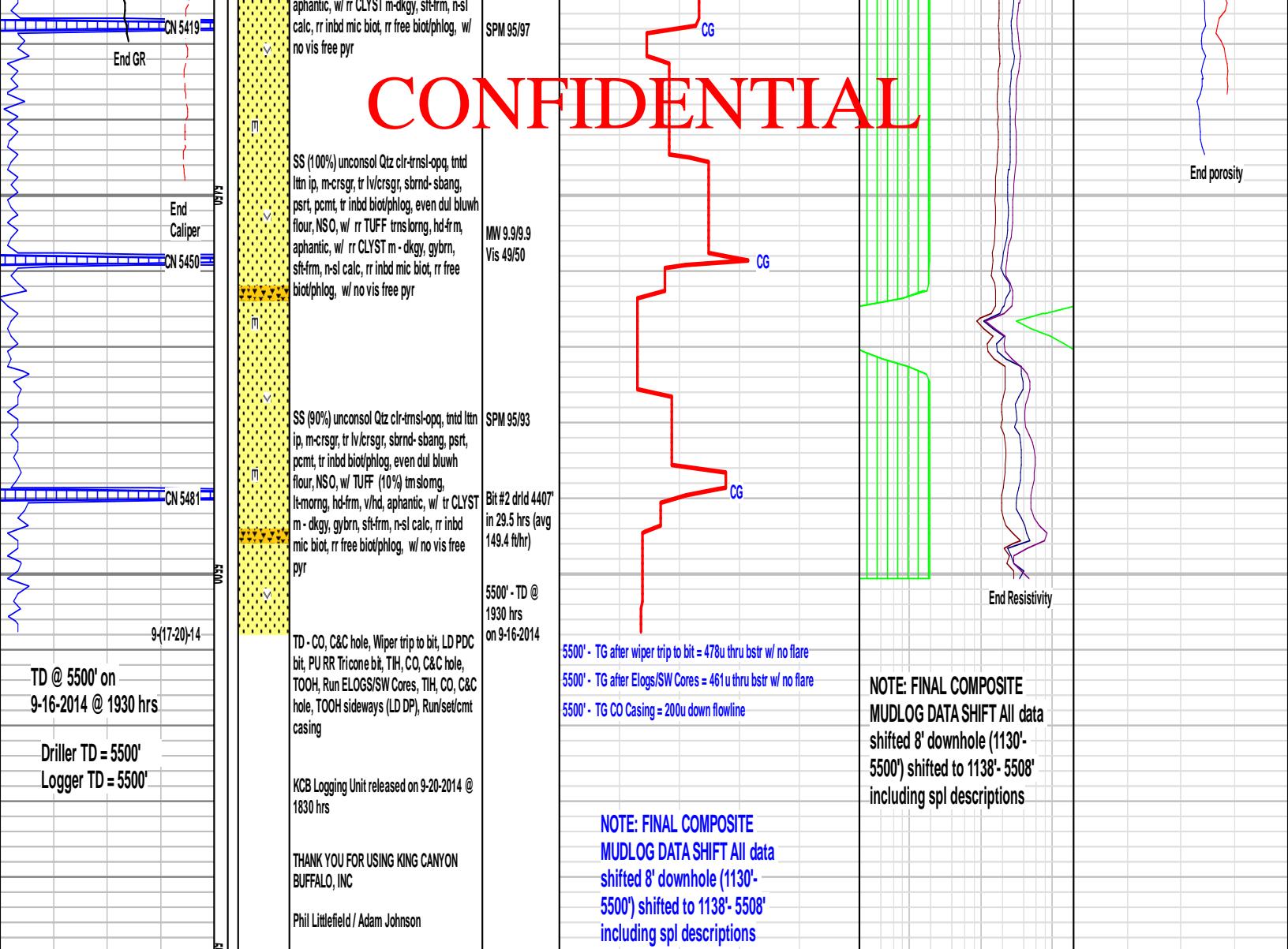


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INS Total Gas (Units)







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