

LOCATION AND LEGALS DATA

WellSight Systems

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

Measured Depth Log

Well Name: Kempton A 2

API: 15-049-22625

Location: SW NW SE S5-T31S-R10E

License Number: 31119

Spud Date: 3/27/22

Surface Coordinates: 1425' FSL & 2610' FEL

Region: Elk County, KS

Drilling Completed: 3/30/22

Bottom Hole

Coordinates:

Ground Elevation (ft): 1204'

K.B. Elevation (ft): 1213'

Logged Interval (ft): Surface To: 2332'

Total Depth (ft): 2333'

Formation: Mississippi

Type of Drilling Fluid: Chemical

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

OPERATOR

Company: Lone Wolf Oil & Gas Co. LLC

Address: PO BOX 241

Moline, KS 67353

GEOLOGIST

Name: Brandon Wolfe

Company:

Address: 1016 N Biddle St

Moline, KS 67353

CONTRACTOR

Drilling Rig: C&G Drilling Rig 2

Drilling FLuids: Fud Mud

Open Hole Logs: Osage Wireline

Sample Descriptions

Mississippi 2220' (-1007)

2225'-2245'

Merrimack Limestone - off white to cream to various browns mott to occ gry, medium crystalline, heavy recrystallization, weathered, slightly chalky, cherty with blue to gray fresh chert with secondary fractures, dolomitic, sucrosic, sandy texture, carb & pyrite inclusions, crystalline inclusions, good intercrystalline porosity, live oil stain throughout, great show of free oil with gas bubbles, fast streaming cut with bright heavy residual ring, up to 40-50% yellow green flouresence, very strong rich odor.

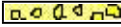
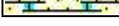
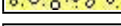
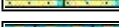
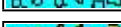
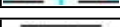
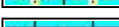
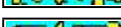
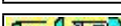
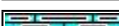
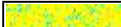
COMMENTS

5 1/2" Casing was ran to bottom and cemented to surface to futher evaluate the Mississippi Formation.

Formation**Sample Tops****Log Tops**

Lansing	1079' (+134)	1084' (+129)
Bonner Springs	1164' (+49)	1161' (+52)
Iola	1394' (-181)	1392' (-179)
Layton Sd	1418' (-205)	1418' (-205)
Kansas City	1548' (-335)	1545' (-332)
B/ Kansas City	1667' (-454)	1665' (-452)
Lenapah	1708' (-495)	1708' (-495)
Altamont	1769' (-556)	1766' (-553)
Pawnee	1858' (-645)	1856' (-643)
Fort Scott	1912' (-699)	1910' (-697)
Cherokee	1945' (-732)	1943' (-730)
Mississippi	2220' (-1007)	2218' (-1005)

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

POROSITY

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

LITHOLOGY

- Anhydrite
- Arkose
- Ark_shale
- Granite
- Coal
- Limy_sh
- Shale
- Hot_shale
- Hot_shale_ii
- Siltstone
- Siltstone_ii
- Shaly_ss
- Shaly_ss_ii
- Sandstone
- Shaly_limy_ss
- Washy_limy_ss
- Limy_ss
- Sdy_ls
- Limestone
- Dolo_ls
- Shaly_ls
- Carb_shaly_ls



Cherty_ls



Chert



Cherty_dolo



Dolomite



Limy_dolo



Conglomerate



Carb_wash



Sdy_carb_wash



Shaly_sdy_carb_wash



Shaly_limy_qtz_wash



Shaly_limy_qtz_wash_ii



Limy_qtz_wash



Limy_qtz_wash_ii



Limy_qtz_wash_iii



Qtz_wash



Qtz_wash_ii



Argil_qtz_wash



Ark_qtz_wash



Sdy_gw



Shaly_gw



Gw_a



Gw_b



Gw_c



Gw_d

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



Salt



Sandy



Silt



Sil



Sulphur



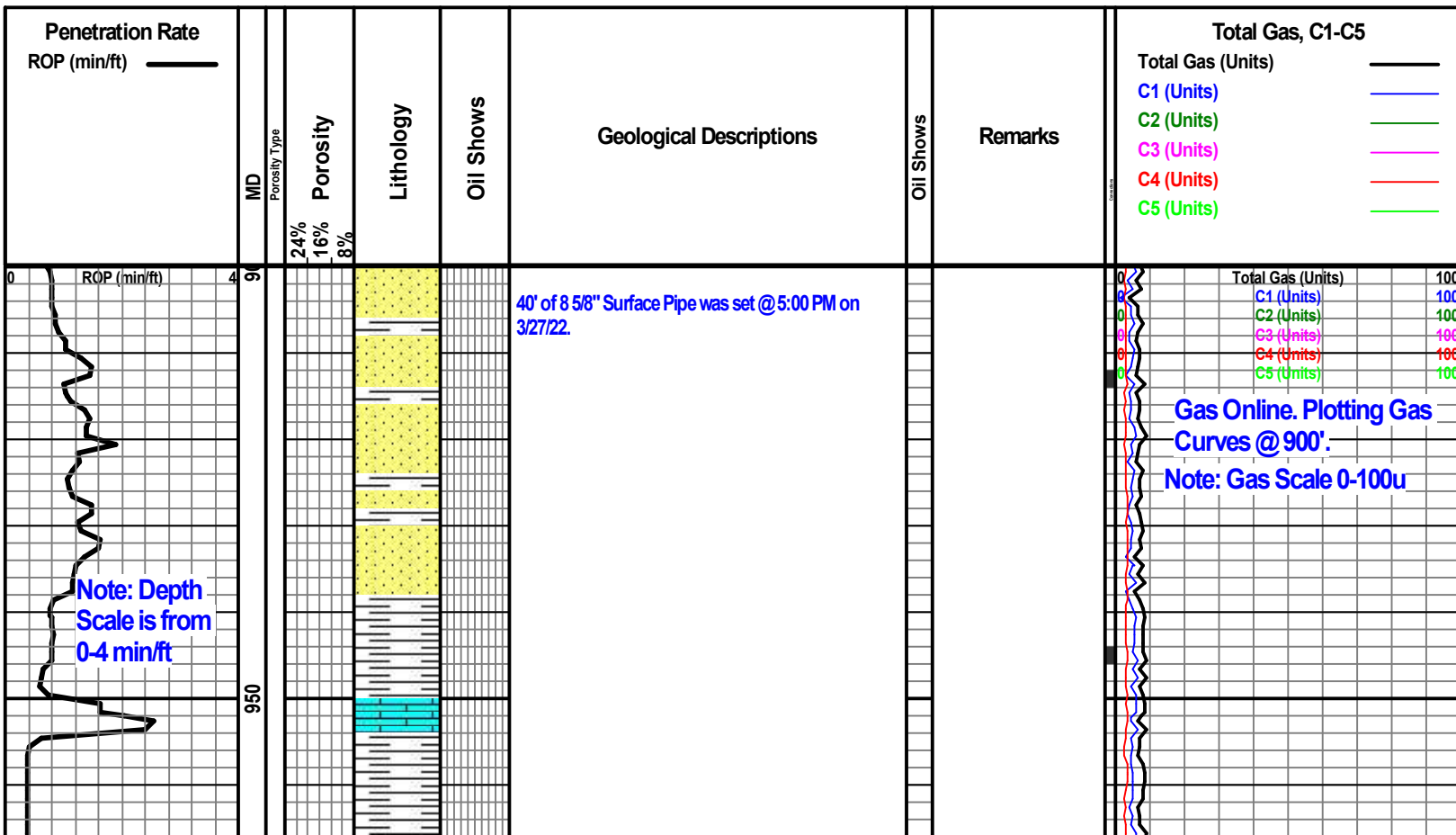
Tuff

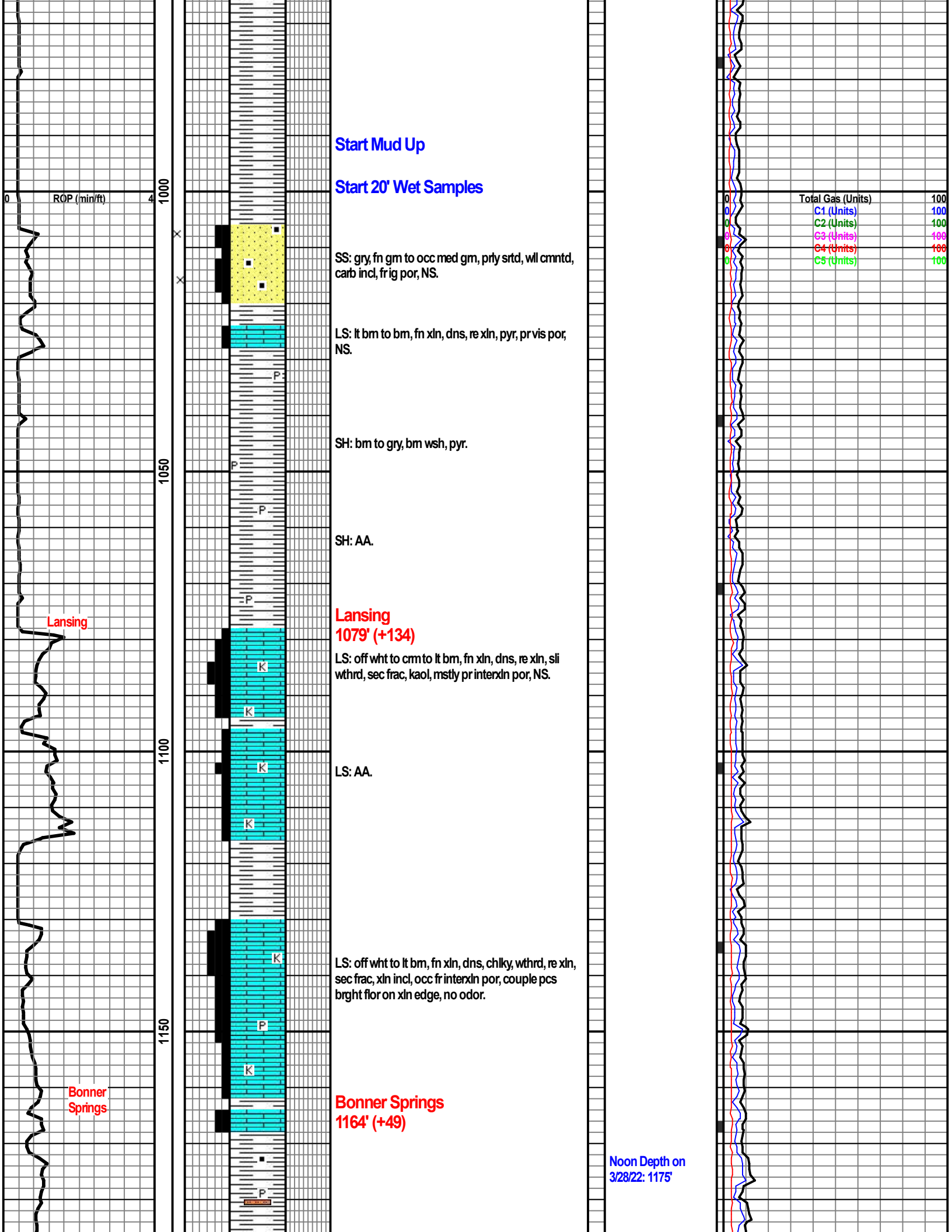
TEXTURE

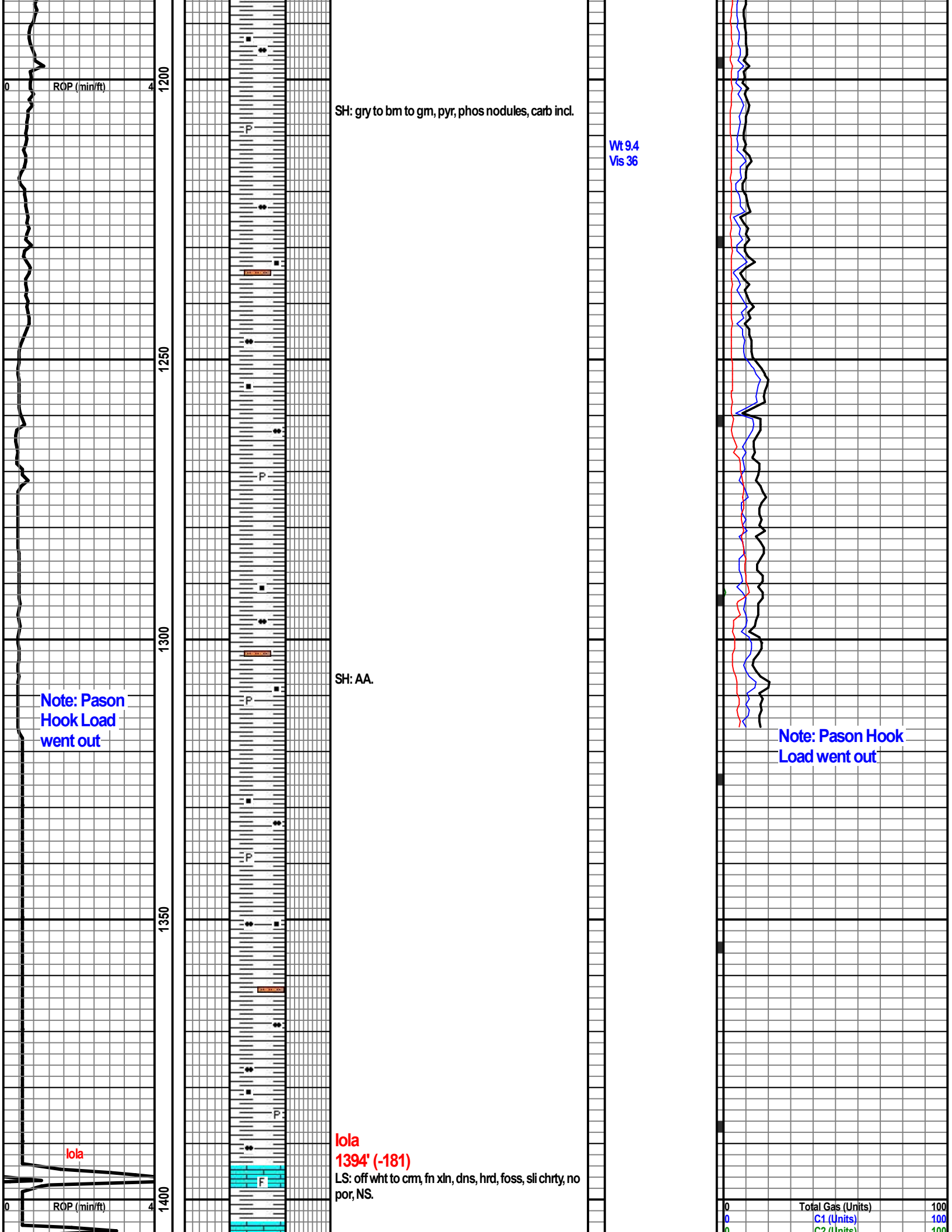
- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OIL SHOW

- Gas show
- Even
- Spotted
- Ques
- Dead







ROP (min/ft)

1200

1250

1300

1350

1400

SH: gry to bm to gm, pyr, phos nodules, carb incl.

Wt 9.4
Vis 36

Note: Pason
Hook Load
went out

Note: Pason Hook
Load went out

SH: AA.

lola
1394' (-181)

LS: off wht to cm, fn xln, dns, hrd, foss, sli chrty, no
por, NS.

Total Gas (Units)

C1 (Units)

C2 (Units)

100

100

100

ROP (min/ft)

