

**GRAND
MESA**

OPERATING COMPANY

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1700 N. WATERFRONT PARKWAY
BLDG. 600
WICHITA, KANSAS 67206-5514

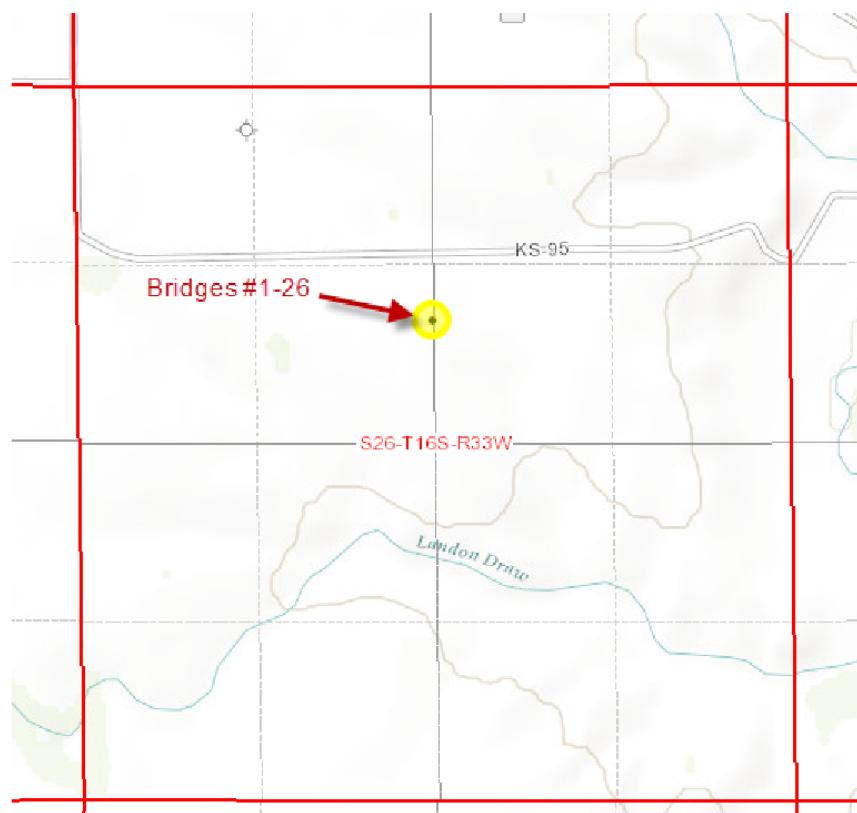
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Bridges #1-26
Location: 1727' FNL, 2625' FEL, Sec 26-T16S-R33W, Scott County, Kansas
License Number: API: 15-171-21015 Region: Scott County
Spud Date: 12/27/2013 Drilling Completed: 01/04/2014
Surface Coordinates: Lat: 38.6367524
Long: -100.9346668
Bottom Hole
Coordinates: Vertical hole
Ground Elevation (ft): 3002' K.B. Elevation (ft): 3011'
Logged Interval (ft): 3700' To: RTD Total Depth (ft): 4798'
Formation: Mississippian at RTD
Type of Drilling Fluid: Chemical

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

GEOLOGIST

Name: Kent R. Matson
Company: Matson Geological Services, LLC
Address: 33300 W. 15th Street S.
Garden Plain, Kansas 67050
316-644-1975



COMMENTS

Contractor: Duke Drilling Rig #4.

Pusher: Rich Wheeler.

Surface Casing: 8 5/8" set at 221' (KB) w/165sx cement.

Production Casing: Production casing was not installed and the hole was plugged and abandoned based on field observations of drill cuttings and electric log review. DSTs were not conducted based on drill cutting evaluations.

Mud by: MudCo.

DST's by: Diamond Testing - No DSTs were conducted.

Logs by: Weatherford (DIL w/SP, CN-CD, ML).

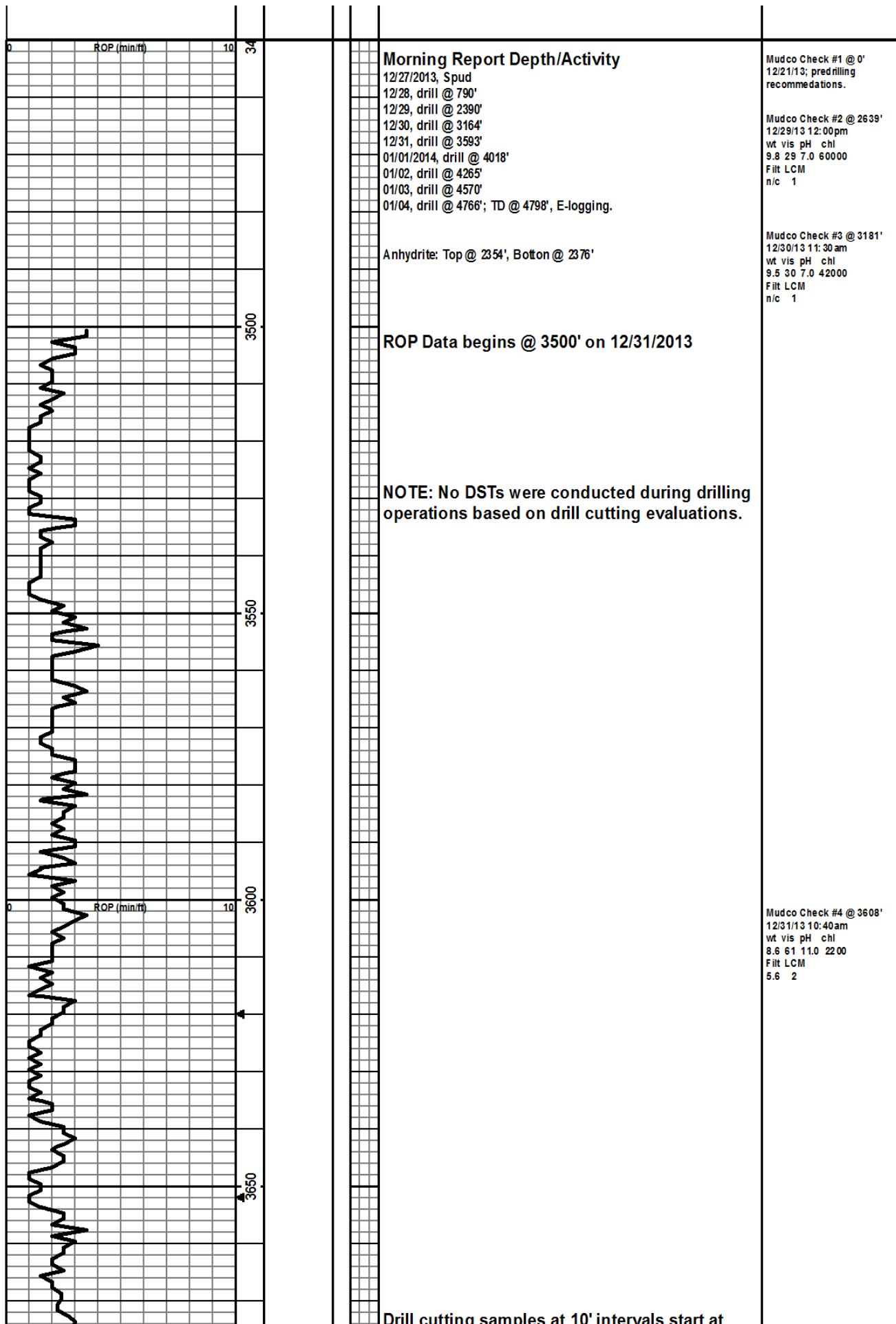
RTD= 4798', -1787'.

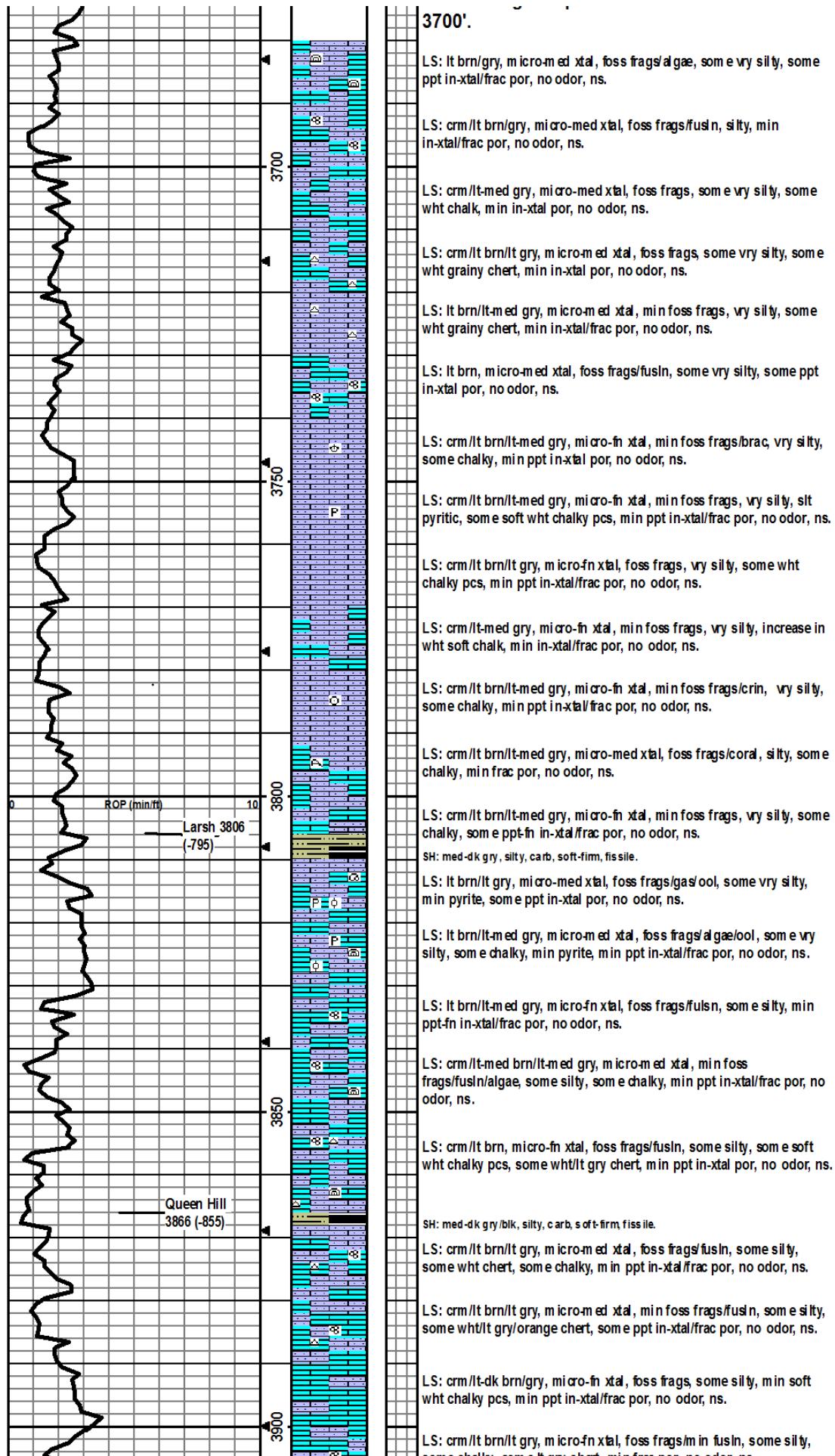
LTD= 4800', -1789'.

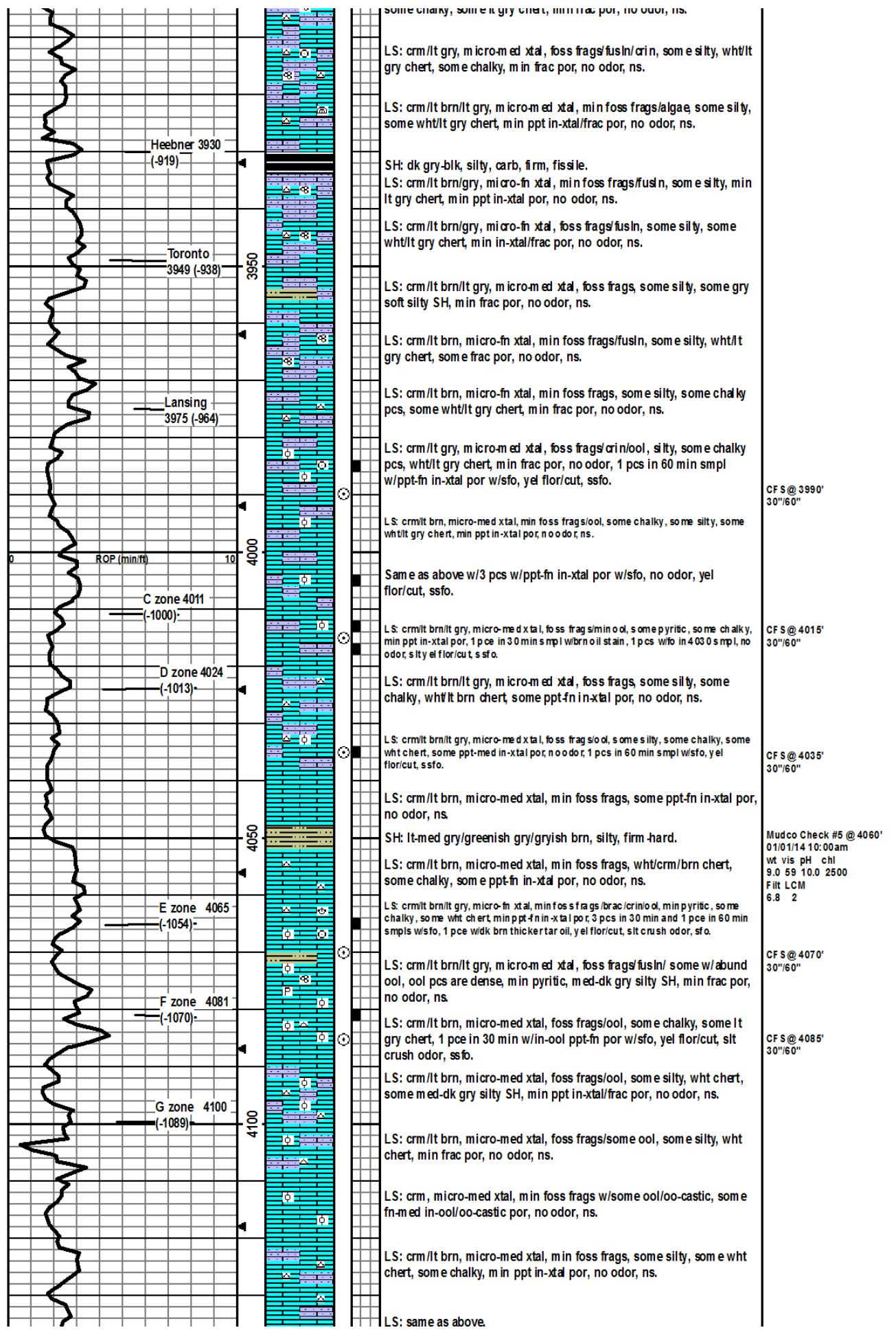
FORMATION TOPS

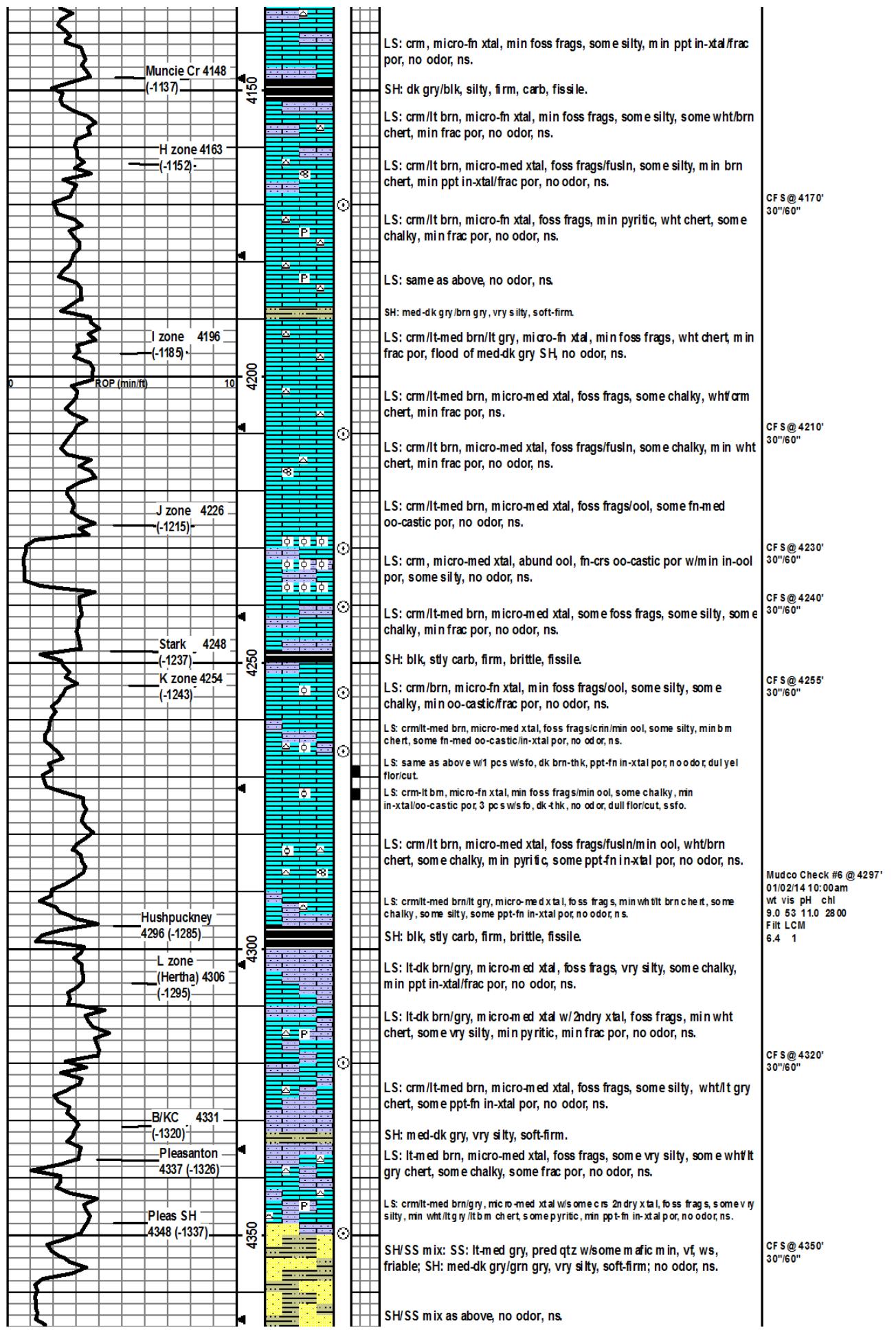
FORMATION	SAMPLE TOPS		LOG TOPS	
	Depth	Datum	Depth	Datum
Queen Hill	3866'	-855	3868'	-857
Heebner Shale	3930'	-919	3931'	-920
Toronto	3949'	-938	3951'	-940
Lansing	3975'	-964	3977'	-966
Muncie Creek Shale	4148'	-1137	4148'	-1137
Stark Shale	4248'	-1237	4248'	-1237
Hushpuckney Shale	4296'	-1285	4296'	-1285
Marmaton	4371'	-1360	4371'	-1360
Upper Fort Scott	4475'	-1464	4477'	-1466
Little Osage Shale	4499'	-1488	4499'	-1488
Excello Shale	4517'	-1506	4517'	-1506
Johnson Zone	4590'	-1579	4590'	-1579
Morrow	4654'	-1643	4655'	-1644
Mississippian	4715'	-1704	4716'	-1705
RTD	4798'	-1787		
LTD			4800'	-1789

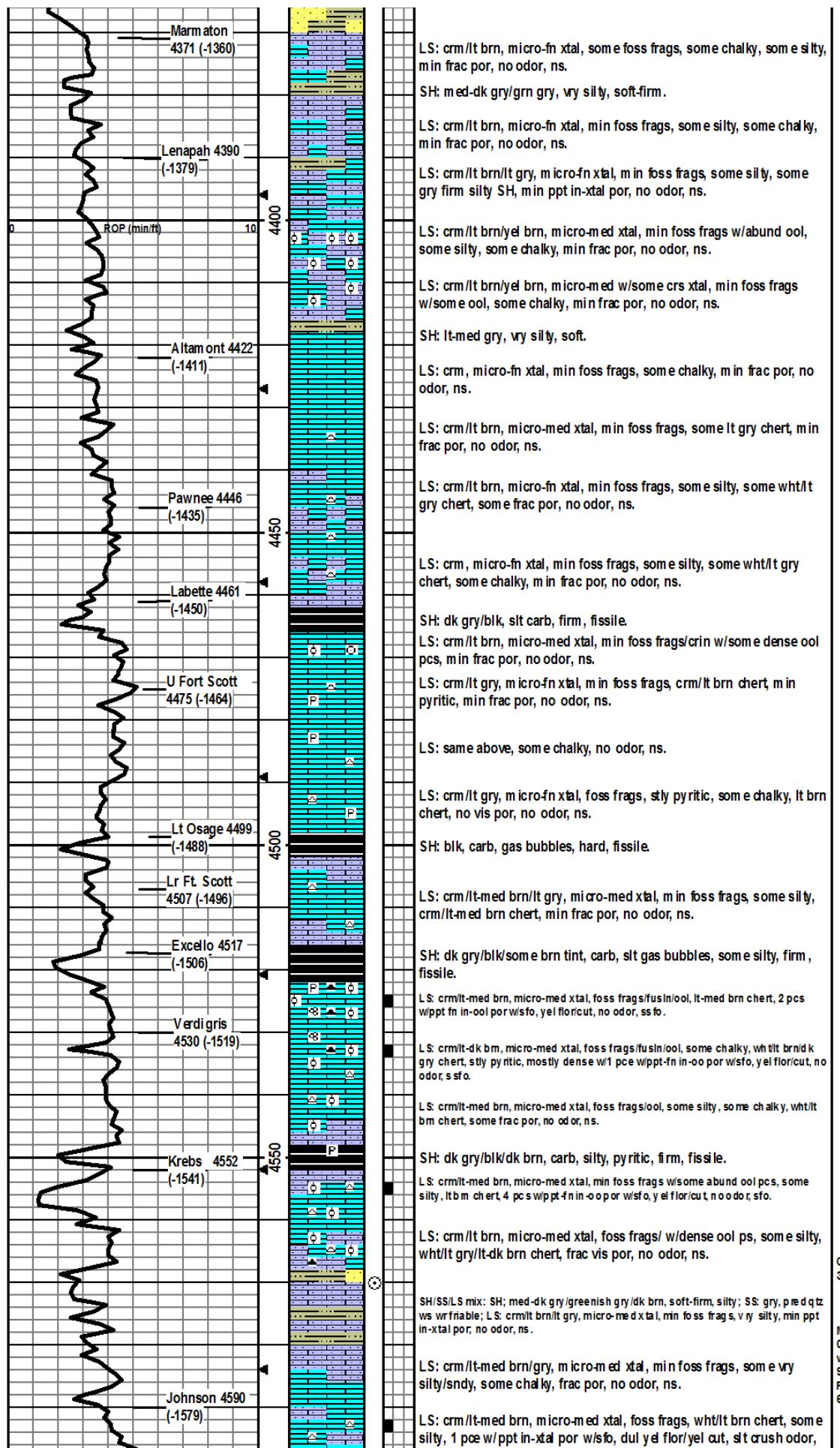
ROP (min/ft)	Depth	Geological Descriptions			Remarks
		Lithology	CFS Point	Oil Shows	
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CFS @ 4570'
30"/60"
Mudco Check #7 @ 4574'
01/03/14 08:30am
wt vis pH chl
9.3 54 11.0 40.00
Flt LCM
6.4 1

