

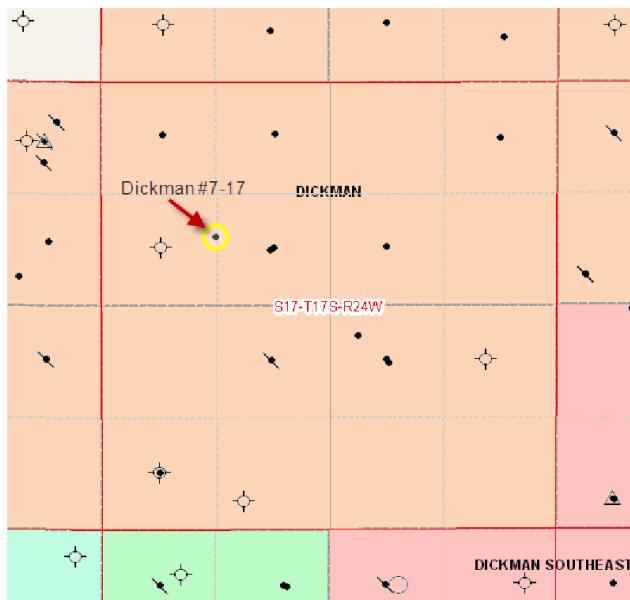
**GRAND
MESA****OPERATING COMPANY**(316) 265-3000
FAX: (316) 265-34551700 N. WATERFRONT PARKWAY
BLDG. 600
WICHITA, KANSAS 67206-5514Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: DICKMAN #7-17
Location: 1830' FNL, 1335' FWL, 17-17s-24w, NESS County, Kansas
License Number: API: 15-135-25361 Region: NESS County
Spud Date: 02/21/2012 Drilling Completed: 03/01/2012
Surface Coordinates: Lat: 38.5751254
Long: -100.0059947
Bottom Hole Vertical hole
Coordinates:
Ground Elevation (ft): 2464' K.B. Elevation (ft): 2469'
Logged Interval (ft): 3600' To: RTD Total Depth (ft): 4500'
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

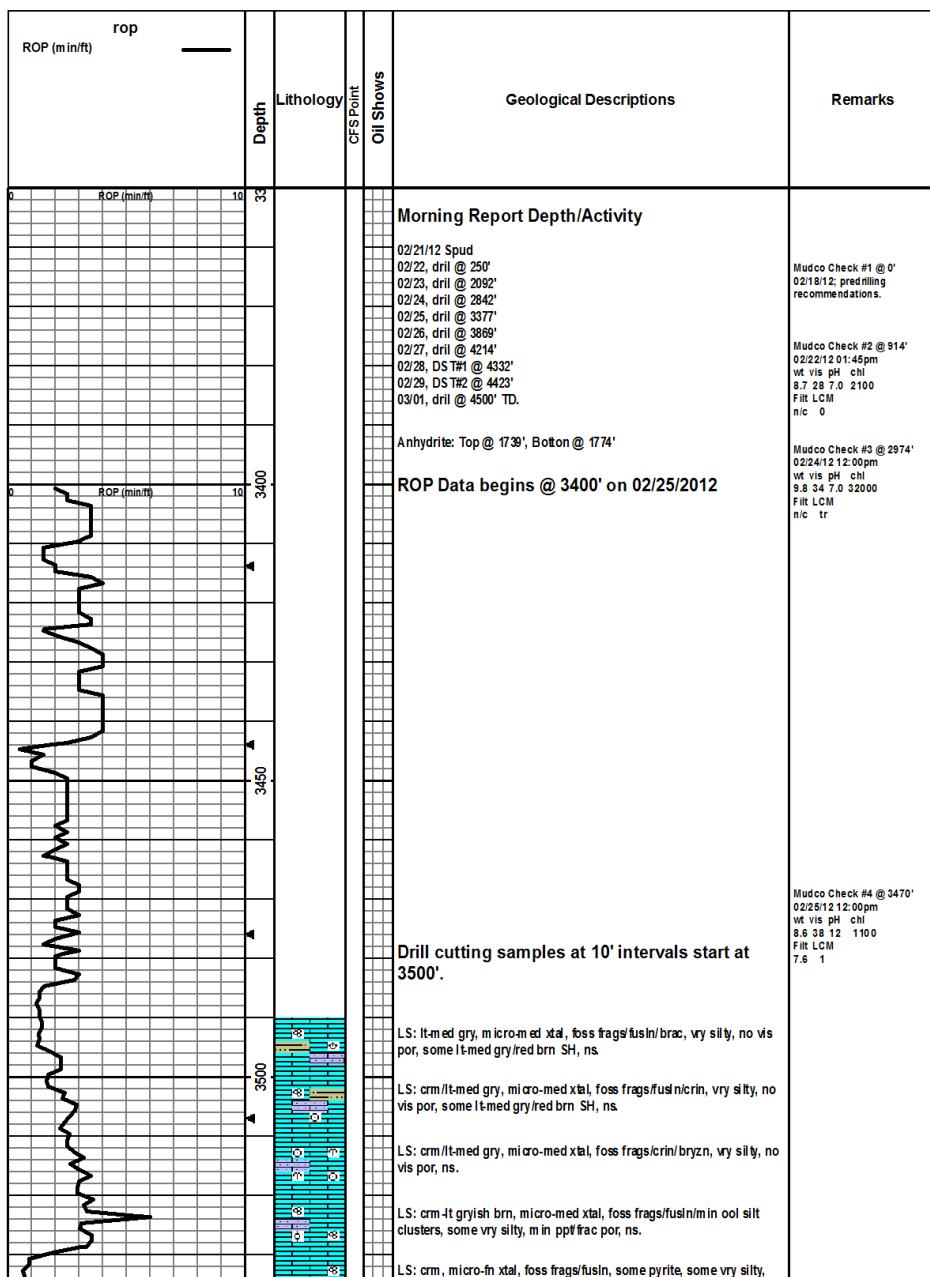
**COMMENTS**

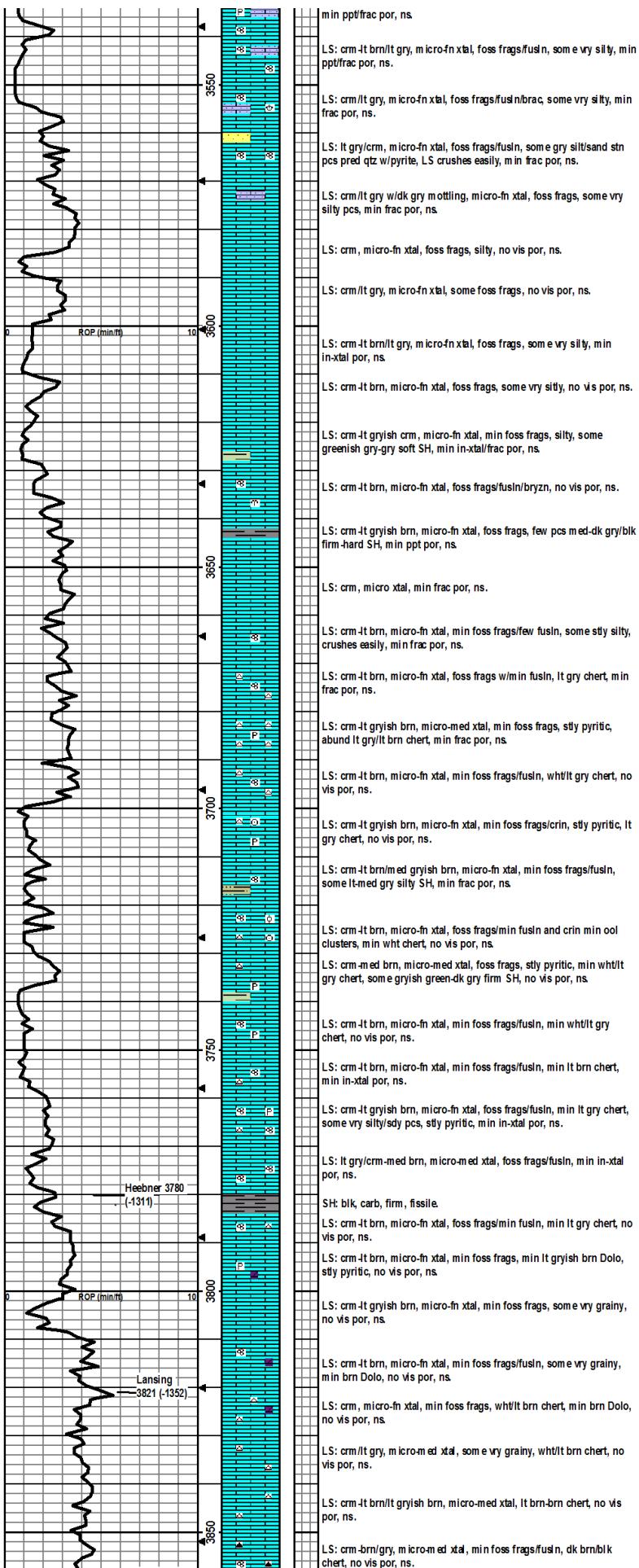
Contractor: Mallard J.V. Inc. Rig #1
Pusher: Lavon Urban
Surface Casing: 8 5/8" set at 212' (KB) w/150sx concrete
Production Casing: Production casing (5 1/2") was installed to RTD.
Mud by: MudCo
DST's by: Diamond Testing
Logs by: Superior Well Services (DIL, CN-CD, ML)
RTD= 4500'
LTD= 4499'

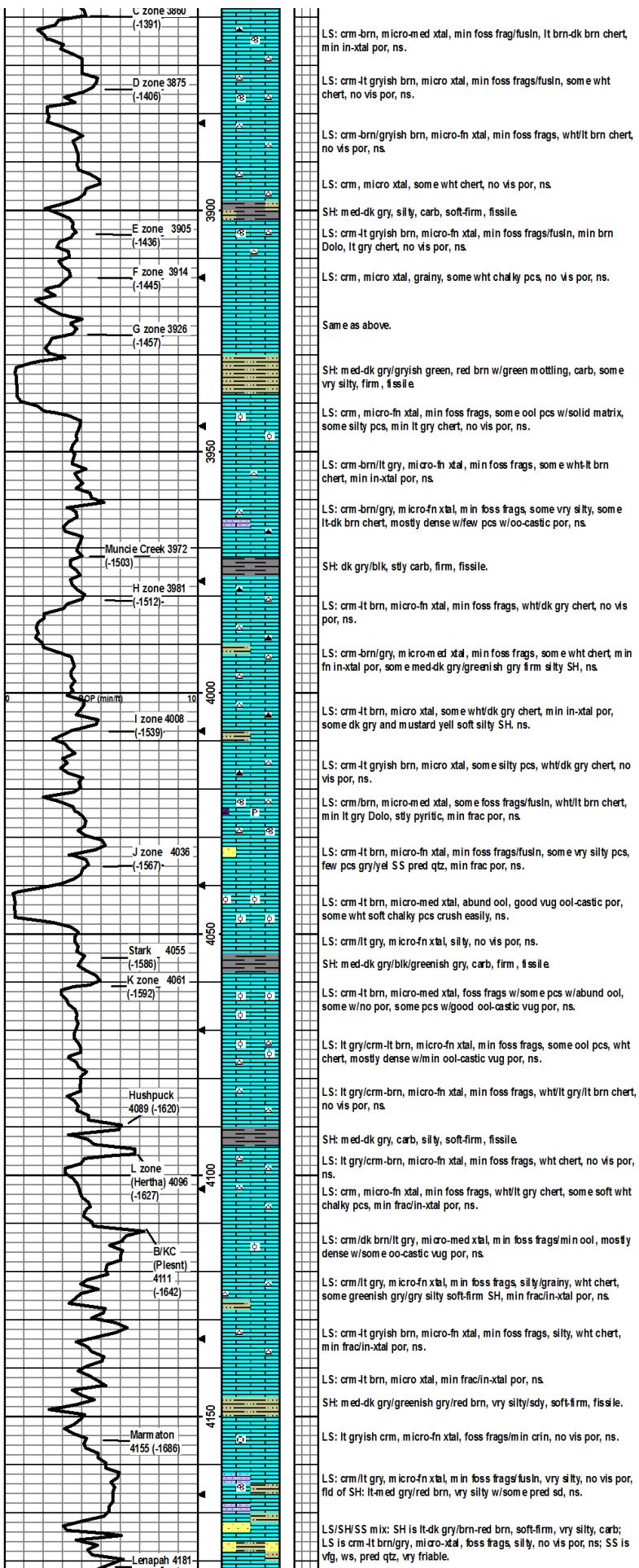
FORMATION TOPS

FORMATION	SAMPLE TOPS		LOG TOPS	
	Depth	Datum	Depth	Datum
Heebner Shale	3780'	-1311	3779'	-1310
Lansing	3821'	-1352	3820'	-1351

Stark Shale	4055'	-1586	4053'	-1584
Hushpuckney Shale	4089'	-1620	4087'	-1618
Marmaton	4155'	-1686	4156'	-1687
Excello Shale	4310'	-1841	4310'	-1841
Fort Scott	4317'	-1848	4315'	-1846
Mississippian	4401'	-1932	4399'	-1930
RTD	4500'	-2031		
LTD			4499'	-2030







Mudco Check #5 @ 3894'
02/28/12 08:15am
Wt. vis pH chl
9.1 40 11.0 22.00
Filt LCM
7.6 1

