DRILLERS LOG

Company: MARK MORRISON

Farm: DENNIS

Well No: M-4

API: 15-133-27719-00-00

Surface Pipe: 20'

Contractor: EK Energy LLC
License# 33977
County: NEOSHO
Sec: 17 TWP: 28 Range: 18E
Location: 820' FSL
Location: 1152' FEL
Spot: SW-NW-SE-SE

Thickness	Formation	Depth	Remarks
	SOIL & CLAY	18	Drilled 9 7/8 Hole Set 7"
16	LIME	34	Drilled 5 7/8 HOLE
42	SHALE	76	
4	LIME	80	
9	SHALE	91	Started 4/8/2014
63	LIME	154	Finished 4/9/2014
46	SHALE	200	
106	LIME	306	
5	LIME	420	T.D. Hole 825'
60	SHALE	480	T.D. PIPE 820'
49	LIME	529	
39	SHALE	568	
20	LIME	588	
2	SHALE	590	
2	COAL	592	
6	SHALE	598	
5	LIME	603	
2	SHALE	605	
1	COAL	606	
186	SHALE	784	
8	BROKEN SAND	792	
7	OIL SAND	799	
3	SHALE	799	
	SHALE	T.D.	