DRILLERS LOG

Company: ENSMINGER ENERGY

Farm: MCFADDEN

Well No: E-4

API: 15-001-30712-00-00

Surface Pipe: 22.8'

Contractor: EK Energy LLC
License# 33977

County: Allen

Sec: 1 TWP: 25 Range: 19E

Location: 165 FSL

Location: 165 FEL

Spot: SE-SE-SE-SE

Thickness	Formation	Depth	Remarks
	SOIL & CLAY	3	Drilled 9 7/8 Hole Set 7"
15	LIME	18	Drilled 5 7/8 HOLE
90	SHALE	108	
132	LIME	240	
204	SHALE	444	Started 9/19/2013
10	LIME	454	Finished 9/24/2013
77	SHALE	531	
30	LIME	561	
36	SHALE	597	T.D. Hole 890'
20	LIME	617	T.D. PIPE 884'
7	SHALE	624	
5	LIME	629	
192	SHALE	821	
9	OIL SAND	830	
2	SHALE	832	
7	OIL SAND	839	
1	SHALE	840	
7	OIL SAND	847	
	SHALE	T.D.	