
McGOWN

DRILLING, INC.

Don Breuel #O9

Linn County, KS
10-22S-23E
API: 107-15173

Spud Date:	3/25/2016	Surface Bit:	11.0"
Surface Casing:	8.625"	Drill Bit:	6.75"
Surface Length:	24.0'	Longstring:	506.5'
Surface Cement:	6 sx	Longstring Date:	3/29/2016
Longstring:	4.5" 10.5# RII Used		

Driller's Log

Top	Bottom	Formation	Comments
0	8	Soil, clay, & gravel	
8	45	Lime	
45	80	Shale	
80	98	Sandy Shale	
98	99	Coal	
99	104	Shale	Muddy
104	118	Lime	
118	132	Shale	
132	135	Lime	
135	140	Bl. Shale	
140	175	Sandy Shale	
175	195	Lime	20'
195	203	Bl. Shale	
203	205	Lime	5'
205	217	Shale	
217	227	Sand	Faint odor
227	250	Shale	
250	255	Sand	Fair oil show
255	308	Shale	
308	310	Lime	
310	312	Shale	
312	313	Lime	
313	371	Shale	
371	373.5	Lime	
373.5	375	Shale	Muddy

Don Breuel #09
Linn Co., KS

375	458	Shale	
458	463	Shale	Muddy
463	479	Sand	
479	483	Shale	
483	485	Coal	
485	522	Shale	
522		TD	

