

McGOWN

DRILLING, INC.

Operator:
 N & W Enterprises, Inc.
 Fort Scott, KS 66701

Walsh/Meyer Inj 31

Crawford County
 33-28-22E
 API # 15-037-22367-00-00

Spud Date: 10/18/2017
Surface Casing: 7.0"
Surface Length: 20'
Surface Cement: 4 sx
Longstring: 2 7/8 EUE

Surface Bit: 9.875"
Drill Bit: 5.875"
Longstring: 429.75'
Longstring Date: 10/19/2017

Driller's Log

Top	Bottom	Formation	Comments
0	3	Soil	
3	10	Clay	
10	18	Shale	
18	20	Lime	
20	50	Shale	
50	54	Sandy Shale	
54	90	Shale	
90	116	Lime	
116	118	Shale	
118	132	Lime	
132	158	Shale	
158	175	Sandy Shale	
175	199	Shale	
199	218	Lime	
218	227	Bk Shale	
227	232	Lime	
232	235	Shale Blk	
235	330	Shale	
330	331	Lime	
331	394	Shale	
394	396	Sand	Good odor, fair bleed
396	405	Sand	Good bleed, soft, lt. brown sand
405	411	Sand	Good bleed, soft, dk. Brown sand
411	435	Shale	Grey Shale

435

TW