

# American Oil LLC

Cross # 6

Ellis Co Ks.

2-21-17

Move 5 1/2 casing to location

2-22-17

Ran 84 jts of 5 1/2 17 LT@C used casing, installed centerlizers at 3420 3327 3243 3154 3079 1110. Basket at 1105. Set pipe 4' off bottom. Cir and rotated for 1/2 hr. Rigged up Quality and pumped 500 gal mud flush and 20 bbls KCL flush, cemented w/ 175 sxs common w/ 10% Good cir pumping pressure of 900#. Dropped dart and opened DV w/ 1400# cir for 1 1/2 hrs Plugged rat hole w/ 30 sxs. Cemented top stage w/ 280 sxs QMD Cement did cir w/ 30 sxs to pit. Closed DV tool w/ 2000# Plug down at 4:15 AM Set slips and backed out landing jt. Released rig at 8:15 AM

5 1/2 cement guide shoe	1.00	3451
5 1/2 17# shoe jt	30.53	
Total shoe jt	31.53	3420
5 1/2 17# <u>LT@C</u> used casing 56jts	2344.12	
% 1/2 DV tool	2.50	1075
5 1.2 17# <u>LT@C</u> used casing 27 jts	1065.87	
Landing jt	10.00	
Total pipe	3454.02	
RTD	3455	
LTD	3450	
Pipe set 4' off bottom at	3451	8' KB

2 jt left on location 33.15 and 33.63