

Well: Pendley 18

2171 FSL 952 FEL, Sec 22-T26S-R14E

Woodson Co., Kansas

API# 15-207-29264

Elevation: 932 est based on surrounding surveyed locations

Elevation KB: 937.5 per BAR Drilling LLC

Drilling Contractor: BAR Drilling LLC

Spud: 8/25/2015

Surface Casing: 40.40' of 8 5/8" Casing

Under Surface: 8/26/2015

Drilling fluid: Water "native mud" and a little polymer.

Production bore hole: 6.75"

Rotary Total Depth (RTD): 1406

Geophysical E-Log(s): CDL and IES by Osage Wireline (8/28/2015)

Production Casing: 1389.30' of 4 1/2" csg, 10.5 #/ft, includes 4' cmt pup jt, cmted w/140 sx, (8/28/2015)

Production Casing: Ran in hole by: BAR Drilling, LLC (8/28/2015)

Size of Hole 11.25"
12 SKS cement

FORMATION TOPS

Formation Member	DL/SPL Tops	E-Log (Rdd)	Datum (MSL) **Subtract 5.5' for True MSL**
Kansas City	558	558	379.5
Stark SH	645	645	292.5
Hushpuckney SH	687	687	250.5
Base of KC	717	717	220.5
Old DL Base KC	733	733	204.5
South Mound SH	825	825	112.5
Lenapah LS	832	832	105.5
Weiser SS	924	924	13.5
Mulberry Coal	971	971	-33.5
Pawnee LS	974	974	-36.5
Myric Station LS	994	994	-56.5
Anna SH	997	997	-59.5
Fort Sct LS	1023	1023	-85.5
Little Osage SH	1042	1042	-104.5
Excello SH	1057	1057	-119.5
Mulky Coal	1062	1062	-124.5
Squirrel SS	1078	1078	-140.5
Bevier Coal	1122	1122	-184.5
Verdigris LS	1135	1135	-197.5
Croweburg "V" SH	1137	1137	-199.5
Croweburg Coal	1140	1140	-202.5
Fleming Coal	1175	1175	-237.5
Mineral Coal	1192	1192	-254.5
Scammon Coal	1206	1206	-268.5
Tebo SH	1236	1236	-298.5
Tebo Coal	1242	1242	-304.5
Bartlesville SS	1298	1298	-360.5
Rowe/Neutral Coal	1387	1387	-449.5
Riverton Coal	1394	1394	-456.5
Mississippi LS	1405	1405	-467.5