

## End of Well Report & Formation Tops

### Well: Schafer CS10

3170 FSL 913 FEL

Sec. 22 T26S R14E

Woodson Co., Kansas

API # 15-207-29301

Elevation: 963.50 est based on surrounding surveyed locations

Drilling Contractor: BAR Drilling LLC

Spud: 11/9/2015

Surface Casing: 40.5' of 8 5/8" csg, cmtd w/12 sx

Under Surface: 11/10/2015

Drilling Fluid: Water "native mud" and a little polymer

Production Bore Hole: 6.75"

Rotary Total Depth (RTD): 1416

Geophysical E-Log(s): Osage Wireline

Production Casing: 1401.00' of 4 1/2" csg, 10.5#/ft, includes 4' cmt pup jt,  
cmtd w/150 sx (11/12/2015)

### FORMATION TOPS

Formation Member	DL/SPL Tops	E-Log (Rdd)	Datum (MSL)
Kansas City	572	572	386.0
Stark SH	660	660	298.0
Hushpuckney SH	700	700	258.0
Base of KC	730	730	228.0
Old DL Base KC	744	744	214.0
South Mound SH	838	838	120.0
Lenapah LS	842	842	116.0
Weiser SS	942	942	16.0
Mulberry Coal	978	978	-20.0
Pawnee LS	985	985	-27.0
Myric Station LS	1002	1002	-44.0
Anna (Lex. Coal Zn) SH	1006	1006	-48.0
Fort Sct LS	1030	1030	-72.0
Little Osage (Sum Coal Zn) SH	1050	1050	-92.0
Excello SH	1063	1063	-105.0
Mulky Coal	1068	1068	-110.0
Squirrel SS	1074	1074	-116.0
Bevier Coal	1129	1129	-171.0
Verdigris LS	1141	1141	-183.0
Croweburg "V" SH	1143	1143	-185.0
Fleming Coal	1181	1181	-223.0
Mineral Coal	1196	1196	-238.0
Scammon Coal	1214	1214	-256.0
Tebo SH	1240	1240	-282.0
Tebo Coal	1248	1248	-290.0
Upper "Gas" BV Sandstone	1280	1280	-322.0
Bartlesville SS	1310	1310	-352.0
Mississippi LS	1415	1415	-457.0