

END OF WELL REPORT

Well: Schafer CS17

3535 FSL & 256 FEL

Sec. 22-T26S-R14E

Woodson Co., Kansas

API # 15-207-29304

Elevation: 948 est based on surrounding surveyed locations

Drilling Contractor: BAR Drilling, LLC

Spud: 11/20/2015

Surface Casing: Set 42.5' of 8 5/8" csg cmtd w/12sx

Under Surface: 12/1/2015

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

Cored: 1290' - 1319'

Production Bore Hole: 6.75"

Rotary Total Depth (RTD): 1404

Geophysical E-Log(s): 12/2/2015 by Osage Wireline

Production Casing: Run in Hole by BAR Drilling: 1394.65' w/4' pup jt.

Elite Cementing cemented 12/3/2015 w/150 sx cmt.

FORMATION TOPS

<u>Formation Member</u>	<u>DL/SPL Tops</u>	<u>E-Log (Rdd)</u>	<u>Datum (MSL)</u>
Kansas City	562	562	386.0
Stark SH	652	652	296.0
Hushpuckney SH	690	690	258.0
Base of KC	720	720	228.0
Old DL Base KC	735	735	213.0
South Mound SH	816	816	132.0
Lenapah LS	834	834	114.0
Weiser SS	913	913	35.0
Mulberry Coal	968	968	-20.0
Pawnee LS	976	976	-28.0
Myric Station LS	993	993	-45.0
Anna (Lex. Coal Zn) SH	997	997	-49.0
Fort Sct LS	1022	1022	-74.0
Little Osage (Sum Coal Zn) SH	1040	1040	-92.0
Excello SH	1054	1054	-106.0
Mulky Coal	1057	1057	-109.0
Squirrel SS	1076	1076	-128.0
Verdigris LS	1130	1130	-182.0
Bevier Coal	1133	1133	-185.0
Croweburg "V" SH	1135	1135	-187.0
Fleming Coal	1174	1174	-226.0
Mineral Coal	1189	1189	-241.0
Scammon Coal	1208	1208	-260.0
Tebo SH	1240	1240	-292.0
Tebo Coal	1250	1250	-302.0
Upper "Gas" BV Sandstone	1272	1272	-324.0
Bartlesville SS	1296	1296	-348.0
Mississippi LS	1403	1403	-455.0