

Well: **Schafer CS5**

2475 FNL 165 FEL Section 22-T26S-R14E

Woodson Co., KS

API # 15-207-29120

Elevation KB: 943.5 est based on surrounding surveyed locations

Elevation GL: 938

Drilling Contractor: BAR Drilling, LLC

Spud: 8/31/2015

Surface Casing: 9/1/2015

Under Surface: 40.40' of 8 5/8" csg w/12 sx cmt

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

Production Bore Hole: 6.75"

Rotary Total Depth (RTD): 1405'

Geophysical E-Log(s): CDL and IES by Tucker Wireline (9/3/2015)

Production Casing: 1392.80' of 4 1/2", 10.5#/ft, includes 4' cmt pup jt, cmt d w/150 sx,(9/4/2015)

Cement fell back to +/- 100' below top of 4 1/2" due to Weiser SS or formation above taking fluid.

 **ENTERED**
PetroBase ✓
Petra

FORMATION TOPS

Formation Member	DL/SPL Tops	E-Log (Rdd)	Datum (MSL)
Kansas City	562	562	378.0
Stark SH	651	651	287.0
Hushpuckney SH	691	691	247.0
Base of KC	722	722	216.0
Old DL Base KC	738	738	200.0
South Mound SH	830	830	108.0
Lenapah LS	834	834	104.0
Weiser SS	929	929	9.0
Mulberry Coal	972	972	-34.0
Pawnee LS	977	977	-39.0
Myric Station LS	994	994	-56.0
Anna (Lex. Coal Zn) SH	998	998	-60.0
Fort Sct LS	1023	1023	-85.0
Little Osage (Sum Coal Zn) SH	1042	1042	-104.0
Excello SH	1056	1056	-118.0
Mulky Coal	1060	1060	-122.0
Squirrel SS	1076	1076	-138.0
Bevier Coal	1124	1124	-186.0
Verdigris LS	1136	1136	-198.0
Croweburg "V" SH	1138	1138	-200.0
Croweburg Coal	1142	1142	-204.0
Fleming Coal	1178	1178	-240.0
Mineral Coal	1196	1196	-258.0

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End of Well Report cont'd.

Formation Member	DL/SPL Tops	E-Log (Rdd)	Datum (MSL)
Scammon Coal	1212	1212	-274.0
Tebo SH	1240	1240	-302.0
Tebo Coal	1252	1252	-314.0
Bartlesville SS	1306	1306	-368.0
Rowe/Neutral Coal	1356	1356	-418.0
Riverton Coal	1387	1387	-449.0
Mississippi LS	1405	1405	-467.0