Tunesco Well Service

Operator:	Running Foxes Petroleum			**Well Number:**	Groves 8-32C-2		
Spud Date:	3/2/2015	**Completion Date:**	3/5/2015	**Bit Size:**	6 3/4''	Surface Size:	8 5/8'' @20'

Depth	Lithology	Remarks	Casing Tally
0-8	SOIL/CLAY		31.95
8-15	CLAY		32.5
15-20	LIME/SANDSTONE		32.4
20-45	SHALE		32.4
45-56	LIMESTONE	ALTAMONT	32.65
56-80	SHALE		31.25
80-85	LIMESTONE		33
85-149	SHALE		31.4
149-157	LIMESTONE	PAWNEE	32.6
157-252	SHALE	ANNA	32.75
252-270	LIMESTONE	FORT SCOTT	32.25
270-277	SHALE		32
277-281	LIMESTONE	OSWEGO	33.95
281-286	SHALE		32.5
286-335	OIL SAND	SQUIRREL (FAINT ODOR, NO SHOW)	32.7
335-345	SHALY SAND		32.9
345-372	SHALE		33
372-380	COAL		32.7
380-393	SHALE		32.65
393-395	LIMESTONE	ARDMORE	30.55
395-400	BLACK SHALE	Verdigris	30
400-426	SHALE		
426-432	COAL	MINERAL	
432-540	SHALE		
540-565	SANDY SHALE		
565-590	LIMESTONE		
590-606	SHALY SAND		
606-618	OIL SAND	BARTLESVILLE Good show/hvy bld	
618-620	COAL		
620-690	SHALE		
690	LIMESTONE	Mississippian TD:690'	
		Total Longstring:	678.1
		1 float shoe	
		3 centralizers	