

# Tunesco Well Service

<b>Operator:</b>	Running Foxes Petroleum		<b>Well Number:</b>	Groves 8-32B-3	
<b>Spud Date:</b>	3/10/2015	<b>Completion Date:</b>	3/11/2015	<b>Bit Size:</b>	6 3/4"
				<b>Surface Size:</b>	8 5/8" @20'
Depth	Lithology	Remarks	Casing Tally		
0-10	SOIL/CLAY		32.5		
10-35	SANDSTONE/LIMESTONE		28.8		
35-71	SHALE		29.7		
71-80	LIMESTONE	ALTAMONT	33		
80-81	SHALE		32.6		
81-87	LIMESTONE		32.6		
87-154	SHALE		30.4		
154-158	LIMESTONE	PAWNEE	30.1		
158-159	COAL		33.1		
159-173	SHALE		32.65		
173-184	LIMESTONE	PAWNEE	31.3		
184-186	SHALE		31.65		
186-204	LIMESTONE		29.15		
204-210	BLACK SHALE	ANNA	32.4		
210-255	SHALE		30.95		
255-275	LIMESTONE	FORT SCOTT	31.65		
275-282	SHALE		32.75		
282-287	LIMESTONE	OSWEGO	31.65		
287-320	SHALE		33.1		
320-340	SANDSTONE	SQUIRREL (NO SHOW/ODOR)	32.65		
340-399	SHALE		32.3		
399-401	LIMESTONE	ARDMORE	12.3		
401-425	SHALE				
425-428	COAL	MINERAL			
428-440	SHALE				
440-460	SAND	CATTLEMAN (NO SHOW/ODOR)			
460-567	SAND				
567-580	LIMESTONE	SEVILLE			
580-605	SHALY SAND				
605-619	SAND	BARTLESVILLE GOOD SHOW & ODOR			
619-620	COAL				
620-688	SHALE				
688	LIMESTONE	MISSISSIPPIAN			
		TD:688			
		Total Longstring:	677.3		
		1 float shoe			
		3 centralizers			