

Daily Drilling Report

Operator: Running Foxes Petroleum	Location: 1200' FSL 500' FEL	Coord.: NW NE SE SE
Well Name: J. Livingood 3 OWWO	County: Brown State: KS	Sec.: 4
Project Area: Livingood	API #: 15-013-19001-00-01	Twp: 1S
Spud Date:	Lat/Long:	Rge: 15E
Field: Livingood	Logging Geologist: Chad Counts/Joe Taglieri	GL Elev: 1120' KB: 1129'

Drilling Contr: C&G Drilling	Toolpusher: Tim Gullick/Duke Colter
Surf. Casing: 8 5/8"	Cement Date:
Surf. Bit: N/A	Hole size: 7" to 2620; 6 1/8" to TD
Bit #1: 6 1/8" tricone Varel (30-30-30)	Drilling fluid: Water based mud
Bit #2: 6 1/8" tricone GT (26-26-26)	Mud Pumps: 14 X 6 1/4" Continental Emsco
Bit #3:	

Date	Start Depth	End Depth	Ft. Drilled
8/17/13	3265' (7:00pm)	3432' (7:00pm)	167'

Operations

7:27pm stopped to build mud volume. TOO H 10 stands. 1:46am TIH 2:09am Started drilling. Drilling resumed throughout the day without major problems. Fluid loss continued, but was able to keep up mud volume. 3:59pm Reached TD @ 3432'; 121' into the Viola dolomite. Continued to circulate, a short trip wasn't necessary due to multiple TOO H. 5:05pm Start TOO H to log well. 6:24pm bit on bank. 5:45pm Tucker on location 9:03am Tucker completed services. 9:15pm Started laying down drill pipe.

Time	Depth	Bit Weight	Pump PSI	Pump SPM	Table RPM	Mud Weight	Viscosity/LCM	Chlorides
2:30am	3254'	21k				8.4	42 14#	
8:00am	3315'	21k				9.6	45 8#	
2:00pm	3382'	21k				9.2	48 9#	

Mud/Chemicals Mixed:

No mud report today. Several sacks of gel and LCM were used throughout the day. However, not as severe as yesterday.

Formation Entered	Depth	Subsea	Units Gas	BG GAS	Prognosis	Hi/Low	Drill Stem Test				
Maqouketa	3281'	-.2152'			3279'	2' low	DST# 1	RECOVERY		Cement Surface Sacks	
Viola	3310'	-.2181			3314'	4' high		Interval:			n/a
Simpson Shale					3536'			Formation			
Decorah					3559'			Times			
St. Peter SS					3630'			ISIP			
Arbuckle					3673'			IFP			
Reagan					3823'			FFP			
PreCambrian					3872'		FSP	Depth@TD			
							DST# 2	RECOVERY		Cement Longstring Sacks	
								Interval:			
								Formation			
								Times			
								ISIP			
								IFP			
								FFP			
							FSP	Depth@TD			
							DST# 3	RECOVERY		Cement Sacks	
								Interval:			
								Formation			
								Times			
								ISIP			
								IFP			
								FFP			
							FSP	Depth@TD			
OIL SHOWS							DESCRIPTION				
Hunton 2644-53 Fair show			3314-20' Tan-brown Dolomite, med xln, excellent vuggy porosity, occ xln growth in vugs, mod hard; slightly argillaceous, good show free oil; excellent saturation; free oil floating on samples; very strong odor; fast immd blooming neon blue cut. Changed lighter fluid to brown oil color. (3343-52') Dolomite-tan-greyish brown, occ. good vuggy porosity, fn xln, sugary texture, occ. med xls, mod hard, fair odor, fair show free oil, good fast streaming blue cut, good stain and free oil in vugular porosity, slightly less than above. (Most of show was in at least top 5' of break)								
Hunton 3142-3206 Good show.											
Viola 3314-20' Good-Excellent Show											
3343-52' Fair show											

Comments:

