

Daily Drilling Report

Operator: Running Foxes Petroleum	Location: 330' FNL 2296' FEL
Well Name: Meyer 2-14B	County: Nemaha State: KS
Project Area: Sabetha	API #: 15-131-20237-0000
Spud Date: 9/12/2013	Lat/Long: 39.5303661, -95.4855712
Field: Wildcat ("Sabetha West")	Logging Geologist: Greg Bratton/Joe Taglieri
Drilling Contr: C&G Drilling	Toolpusher:
Surf. Casing: 8 5/8" @ 253'	Set @: 253
Surf. Bit: 12 1/4"	Out @: 264 KB
Bit #1: 7 7/8" PDC	In @: 264' KB
Bit #2: 7 7/8" Button	In @: 2889' KB
Bit #3:	In @:
	Cement Date:
	Hole size:
	Drilling fluid:
	Mud Pumps:

Date	Start Depth	End Depth
9/17/13	3530' KB	3590' KB

Operations

The Maquoketa and Viola Formations were reached. At 3590' KB, 8:20am, it was decided to DST the Viola. Well was circulated at 10am. Well was circulated until 11:15am and clean the hole. TOOH by 12:35pm. TIH, DST began at 2:15pm. Test conducted skim of oil. Official results will be articulated tomorrow. At 9:40pm, drillers were back on bottom and drilling again.

Time	Depth	Bit Weight	Pump PSI	Pump SPM	Table RPM	Mud Weight
5:30am	3566' KB			64		9.2 lb
6:30am	3572' KB			65		9.2

Mud/Chemicals Mixed:

85 MI Gel, 2 Soda Ash, 2 Caustic, 2 Tannithan, 30 Hulls (used last 24 hours at 11am)

Formation Entered	Depth	Subsea	Units Gas	BG GAS	Prognosis	Hi/Low	
Heebner	1158' KB	139			1153 KB	-7	DST#
Lansing	1308' KB	-11	2	2	1303 KB	-5	Interval:
Base Kansas City	1631' KB	-334	0	0	1635 KB	4	Formation
Cherokee	1821' KB	-524	10	1	1833 KB	12	Times
V shale	1944' KB	-647	0	0	1919 KB	-25	ISIP
Bartlesville SS	n/a	n/a			2193 KB	n/a	IFP
Mississippian	2528' KB	-1231	0	0	2485 KB	-43	FFP
Kinderhook	2654' KB	-1357	6	6	2625 KB	-29	FSP
Hunton	2874' KB	-1577	20	20	2889 KB	15	
Maquoketa	3518' KB	-2221	3	3	3494 KB	-24	DST#
Viola	3567' KB	-2270	3	3	3544 KB	-23	Interval:
Simpson Shale					3729 KB		Formation
Decorah					3749 KB		Times
St Peter SS					3813 KB		ISIP
Arbuckle					3869 KB		IFP

						FFP
						FSP
						DST#
						Interval:
						Formation
						Times
						ISIP
						IFP
						FFP
						FSP
OIL SHOWS				DESCRIPTIC		
Hunton 1st break: (2876-2878'KB)				Hunton 1st - Ds, offwhite, sucrosic text, good vis intgn por, 100% blk oil s cut. Hunton 2nd - Ds, beige, mostly sucrosic text w/ tgt parts, occ vis intg strm mod cut. Viola (3567'-3576') - Spty blk oil stn, fair odor, dull orange-tight. Viola (3583'-3585') - patchy dk brwn oil stn, brgt ylw flur, mod mil vuggy - very few samples of zone observed.		
Hunton 2nd break: (2881-2883'KB)						
Viola: (3567-3576' KB)						
Viola: (3583-3585' KB)						

Comments:

Viola oil show depths are estimated by an ROP break (3583-3585' KB) and 10' sample where oil was first seen(3567'-3576' KB).

Coord.: E2 NW NW NE
Sec. 14
Twp: 2S
Rge: 14E
GL Elev: 1288' Survey KB: 1297'
Tim Gullick/Duke Coulter
7 7/8"
Water based mud

Ft. Drilled
60'

ted for 50 min, then a short trip was made. Back on bottom cted, TOO H at 5:15pm. Viola DST yielded only water with a

Viscosity	Chlorides
49 seconds	10# LCM
49	9# LCM

Drill Stem Test		
1	RECOVERY	Cement
2864-2889'	1' O, 2' OCM(20% O)	Surface
Hunton		Sacks
10-45-30-70		
958		
18-20		Class
22-25		
930		
		Depth@TD
2	RECOVERY	
3568'-3590'		
Viola		
10-45-30-70		
		Cement

		Longstring
		Sacks

3	RECOVERY	
		Class
		Depth@TD

DN
 tn on sucrosic samples, good odor, stg milky strm mod to fast
 grn por, xline, 75% blk oil stn, fair to good odor, stg milky
 yellow flur, no cut, gy, Fxline, gran, poor ingrn por, app'd
 ky cut, too few samples to assess odor, lgt gy, xline, sucrosic,

)



Meyer 2-14B