

DPT# 15-187-20707-0000  
 GEOLGICAL REPORT  
 DRILLING TIME AND SAMPLE LOGS  
 COMPANY Black Diamond Oil, Inc.  
 LEASE Wagoner #4  
 ELEVATION  
 KB 2249'  
 FIELD  
 DF 2247'  
 LOCATION 48055L & 2310'E, E.L.  
 SEC 21 T19P 4S R0E 22W  
 COUNTY Norton STATE Kansas  
 CONTRACTOR W.W. Drilling Rig #12  
 SPUD 8-18-14 COMP 8-26-14  
 SAMPLES SAVED FROM 3150' TO B.T.D.

FORMATION TOPS AND STRUCTURAL POSITION	DEPTH (ft)	FORMATION	THICKNESS (ft)	LOG	DATE
Hydrate	1892	1889	3		
Base Anhydrite	1920	1917	3		
Tapeba	3194	3193	1		
Heebner	3393	3392	1		
Toronto	3420	3419	1		
Lansing	3438	3437	1		
Base Lansing City	3438	3434	4		
Lansing City	3438	3427	11		
Garham Lm	3478	3476	2		
Arbuckle	3499	3499	0		
Total Depth	3720	3720	0		

REFERENCE WELLS  
 A Black Diamond Oil Wagoner #3 402-5E-N1-W1 Sec. 28-4S-22W  
 B Black Diamond Oil, Norton #101 C-402-11E-W13 Sec. 28-4S-22W  
 C

REMARKS  
 This well ran 6 to 8 feet lower on the Lansing top than the reference wells. Drill stem tests through the L.C. and Arbuckle show negative results. It was decided this well should be plugged and abandoned.  
 Richard R. Bell  
 8-27-14

LEGEND

