

API # 15-137-20560-00-00

**GEOLOGICAL REPORT**  
DRILLING TIME AND SAMPLE LOG

COMPANY Baird Oil Company, LLC.  
 LEASE Anna # 2-3  
 FIELD \_\_\_\_\_  
 LOCATION 675' FSL + 725' FEL  
 SEC 3 TWSP 45 RGE 21W  
 COUNTY Norton STATE Kansas

ELEVATION  
 KB 2168  
 DF 2166  
 GL 2163  
 Depths Measured From  
 Log KB Drilling KB

CONTRACTOR WW Drilling Rig # 8  
 SPUD 5-31-11 COMP 6-5-11  
 SAMPLES SAVED FROM 3100 TO R.T.D.

CASING  
 Surface 8 7/8"  
 Production None  
 ELECTRIC LOGS  
 Superior Well Services

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM <i>E. Log</i>	A	B	C	D
				●	●	●	
Anhydrite	1821	1820 +	348	+ 363	+ 349	+ 341	
Base Anhydrite	1849	1848 +	320	+ 336	+ 322	+ 313	
Topeka	3167	3166 -	998	- 993	- 992	- 1001	
Heebner	3368	3367 -	1199	- 1196	- 1193	- 1201	
Toronto	3393	3392 -	1224	- 1221	- 1218	- 1227	
Lansing	3409	3408 -	1240	- 1239	- 1233	- 1243	
Base Kansas City	3602	3601 -	1433	- 1425	- 1422	- 1429	
Marmaton	3641	3640 -	1472	- 1462	- 1458	- 1464	
Arbuckle	3662	3661 -	1493			- 1489	
Precambrian Quartzite	3722	3721 -	1553	- 1512			
Granite	3751	3751 -	1583	- 1526	- 1493	- 1522	
Total Depth	3754	3753 -	1585	- 1534	- 1506	- 1535	

REFERENCE WELLS

- A Baird Oil Co., Anna #1-3, 1655' FSL + 740' FEL Sec. 3-45-21W
- B Baird Oil Co., Sides/Anna Unit #1-3, 2585' FNL + 1450' FEL Sec. 3-45-21W
- C Baird Oil Co., Sides #1-3, 2105' FNL + 2540' FWL Sec. 3-45-21W
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