

API# 15-137-20548-00-00

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY <u>Baird Oil Company, LLC.</u>	ELEVATION
LEASE <u>Graham # 1-36</u>	KB <u>2292'</u>
FIELD <u>Red Fox</u>	DF <u>2290'</u>
LOCATION <u>605'ESL + 1590'FWL</u>	GL <u>2287'</u>
SEC <u>36</u> TWSP <u>3s</u> RGE <u>22w</u>	Depths Measured From
COUNTY <u>Norton</u> STATE <u>Kansas</u>	Log <u>KB</u> Drilling <u>KB</u>
CONTRACTOR <u>WW Drilling Rig # 8</u>	CASING
SPUD <u>3-7-11</u> COMP <u>3-15-11</u>	Surface <u>8 3/4" @ 223'</u>
SAMPLES SAVED FROM <u>3250'</u> TO <u>B.T.D.</u>	Production <u>none</u>
	ELECTRIC LOGS
	<u>Superior Well Service</u>

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
Anhydrite	1977	1976 +	316	+ 316 +	323		
Base Anhydrite	2006	2005 +	287	+ 287 +	298		
Topeka	3286	3288 -	996	- 997 -	989		
Heebner	3485	3486 -	1194	- 1195 -	1187		
Toronto	3519	3519 -	1227	- 1221 -	1213		
Lansing	3532	3533 -	1241	- 1237 -	1229		
Base Kansas City	3714	3715 -	1423	- 1422 -	1413		
Marmaton	3743	3744 -	1452	- 1449			
Precambrian	3765	3766 -	1474	- 1463 -	1441		
Total Depth	3792	3792 -	1500	- 1494 -	1478		

REFERENCE WELLS

- A Baird Oil Co, LLC, Esslinger Ranch # 2 35, 2310'ESL + 965'FWL sec 35-3s-22w
- B Baird Oil Co, LLC, Esslinger-Graham # 1-36, 2600'FNL + 430'FWL sec 36-3s-22w
- C
- D