

APT # 15-137-20549-00-00

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY <u>Baird Oil Company, LLC.</u>	ELEVATION
LEASE <u>Esslinger Ranch, Inc. #3-35</u>	KB <u>2347'</u>
FIELD <u>Wildcat</u>	DF <u>2345'</u>
LOCATION <u>445' ENL + 2585' FWL</u>	GL <u>2342'</u>
SEC <u>35</u> TWSP <u>3s</u> RGE <u>22W</u>	Depths Measured From
COUNTY <u>Neorton</u> STATE <u>Kansas</u>	Log <u>KB</u> Drilling <u>KB</u>
CONTRACTOR <u>WW Drilling Rig # 8</u>	CASING
SPUD <u>3-16-11</u> COMP <u>3-23-11</u>	Surface <u>8 5/8" @ 220'</u>
SAMPLES SAVED FROM <u>3300'</u> TO <u>R.T.D.</u>	Production <u>5 1/2" @ 3834'</u>
	ELECTRIC LOGS
	<u>Superior Well Services</u>

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
				●	●		
Anhydrite	2023	2025 +	322	+ 327	+ 316		
Base Anhydrite	2053	2054 +	292	+ 300	+ 287		
Topeka	3337	3339 -	992	- 987	- 997		
Heebner	3534	3538 -	1192	- 1185	- 1195		
Toronto	3560	3563 -	1216	- 1209	- 1221		
Lansing	3578	3580 -	1233	- 1226	- 1237		
Base Kansas City	3767	3770 -	1423	- 1413	- 1422		
Marmaton	3795	3798 -	1451		- 1449		
Precambrian	3823	3826 -	1479	- 1438	- 1463		
Total Depth	3844	3845 -	1498	- 1474	- 1494		

REFERENCE WELLS

- A Baird Oil Co, Esslinger Ranch #1-35, 1980' ENL + 330' FWL Sec 35-35-22W
- B Baird Oil Co, Esslinger Ranch #2-35, 2310' ENL + 965' FWL Sec 35-35-22W
- C
- D Port Collar @ 2047'