

A.P.T.# 15-137-20580-00-00

GEOLOGICAL REPORT
 DRILLING TIME AND SAMPLE LOG

COMPANY Baird Oil Company, LLC.
 LEASE Esslinger Ranch, Inc. #7-35
 FIELD Red Fox
 LOCATION 1115' FNL + 550' FEL
 SEC 35 TWSP 35 RGE 22W
 COUNTY Norton STATE Kansas

ELEVATION
 KB 2329'
 DF 2327'
 GL 2324'
 Depths Measured From
 Log KB Drilling KB

CONTRACTOR www Drilling Rig #8
 SPUD 8-27-11 COMP 9-2-11
 SAMPLES SAVED FROM 3250' TO R.T.D

CASING
 Surface 8 5/8" @ 212'
 Production 5 1/2" @ 3830'

ELECTRIC LOGS
Superior Well Services

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
			<u>E. log</u>				
<u>Anhydrite</u>	<u>2001</u>	<u>2004+</u>	<u>325</u>	<u>+ 327</u>	<u>+ 316</u>		
<u>Base Anhydrite</u>	<u>2031</u>	<u>2033+</u>	<u>296</u>	<u>+ 300</u>	<u>+ 287</u>		
<u>Topeka</u>	<u>3322</u>	<u>3325-</u>	<u>996</u>	<u>- 987</u>	<u>- 997</u>		
<u>Heebner</u>	<u>3521</u>	<u>3525-</u>	<u>1196</u>	<u>- 1185</u>	<u>- 1195</u>		
<u>Toronto</u>	<u>3546</u>	<u>3550-</u>	<u>1221</u>	<u>- 1209</u>	<u>- 1221</u>		
<u>Lansing</u>	<u>3563</u>	<u>3567-</u>	<u>1238</u>	<u>- 1226</u>	<u>- 1237</u>		
<u>Base Kansas City</u>	<u>3755</u>	<u>3758-</u>	<u>1429</u>	<u>- 1413</u>	<u>- 1422</u>		
<u>Marmaton</u>	<u>3785</u>	<u>3789-</u>	<u>1460</u>		<u>- 1449</u>		
<u>Precambrian</u>	<u>3810</u>	<u>3814-</u>	<u>1485</u>	<u>- 1438</u>	<u>- 1463</u>		
<u>Total Depth</u>	<u>3830</u>	<u>3831-</u>	<u>1502</u>	<u>- 1474</u>	<u>- 1494</u>		

REFERENCE WELLS

- A Baird Oil Co., Esslinger Ranch, Inc #1-35, 1980' FNL + 330' FEL Sec. 35-35-22W
- B Baird Oil Co., Esslinger Ranch, Inc #2-35, 2310' FSL + 965' FEL Sec. 35-35-22W
- C
- D Part Collar @ 2031'