

A.P.I # 15-137-20641-00-00

**GEOLOGICAL REPORT**  
**DRILLING TIME AND SAMPLE LOG**

COMPANY <u>Baird Oil Company, LLC</u>	ELEVATION
LEASE <u>Weiser-Field Unit #1-23</u>	KB <u>2402'</u>
FIELD <u>Wildcat</u>	DF <u>2400'</u>
LOCATION <u>2615' FSL &amp; 1565' FWL</u>	GL <u>2394'</u>
SEC <u>23</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>WWD Drilling Rig #12</u>	CASING
SPUD <u>4-3-13</u> COMP <u>4-9-13</u>	Surface <u>8 5/8" @ 260'</u>
SAMPLES SAVED FROM <u>3350'</u> TO <u>R.T.D.</u>	Production <u>None</u>
	ELECTRIC LOGS
	<u>Nabors</u>

**FORMATION TOPS AND STRUCTURAL POSITION**

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
				●			
Anhydrite	2093	2089	+ 313	+ 303			
Base Anhydrite	2118	2114	+ 288	+ 286			
Tapeka	3401	3399	- 997	- 998			
Heebner	3607	3605	-1203	-1201			
Toronto	3632	3630	-1228	-1226			
Lansing	3650	3648	-1246	-1242			
Base Kansas City	3840	3838	-1436	-1434			
Marmaton	3867	3865	-1463	-1466			
Granite	4017	4015	-1613	-1537			
Total Depth	4035	4034	-1632	-1552			

**REFERENCE WELLS**

- A Baird Oil Co., Esslinger Ranch, Inc. #3-26, 1590' FNL & 1170' FWL Sec. 26-3s-22w
- B \_\_\_\_\_
- C \_\_\_\_\_
- D \_\_\_\_\_

REMARKS

This well ran 4 feet lower on the logging top than the reference well. After reviewing all pertinent information it was decided no further testing was warranted. The well was plugged and abandoned.

Richard B. Bell  
4-10-13

7502

LEGEND

- 

Anhydrite
- 

Salt
- 

Sandstone
- 

Shale
- 

Carb sh
- 

Limestone
- 

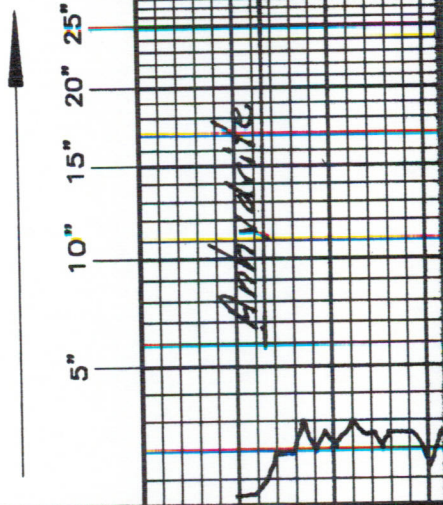
Ool. Lime
- 

Chert
- 

Dolomite

DRILLING TIME IN MINUTES  
PER FOOT

Rate of Penetration Decreases



DEPTH

2000

2100

LITHOLOGY

SAMPLE DESCRIPTIONS

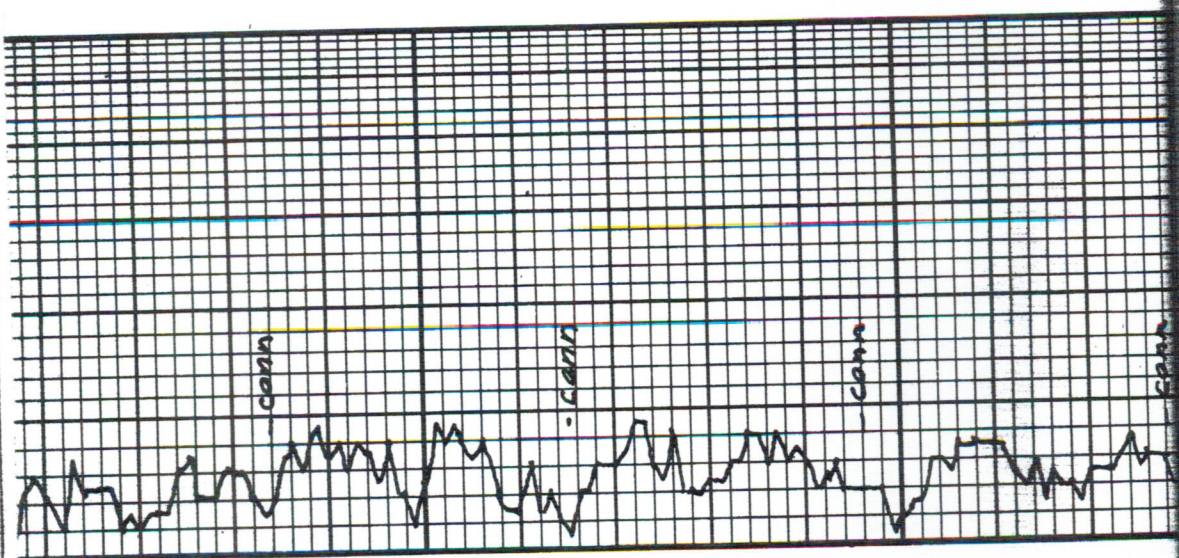
OIL SHOWS

REMARKS

LOG 7710



60  
80  
3300  
20  
40  
60



Samples are lagged  
Good Samples

L5: gry mtld fslf dns

L3: Whitn-lt. gry slicky-  
fsln dns

Sh: brn slty, gry Tr. SS:  
gry V. fn. gn. Concol. in gran. p  
N.S.O.

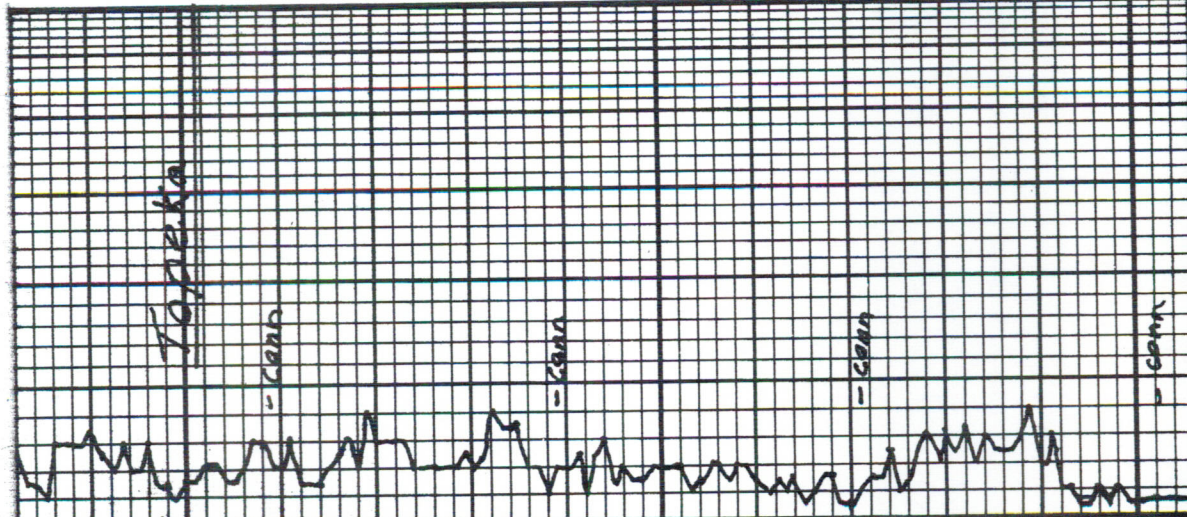
L5: tn-lt. gry fslf Tr. pp  
NSO- Tr A tr  
n.a.

Sh gry, brn

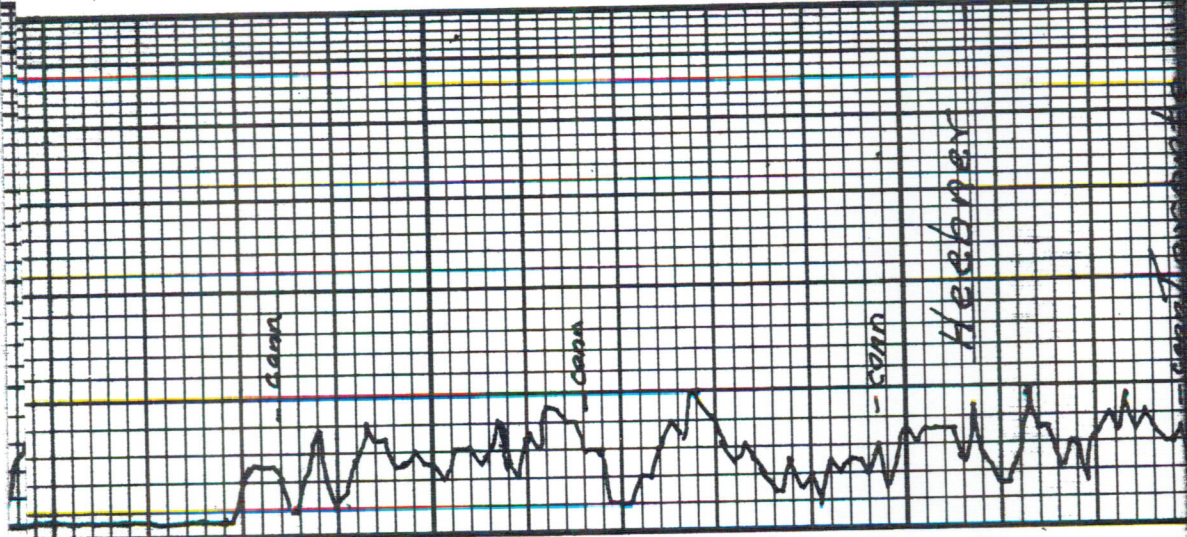
L5: tn-gry fsln - slic fslf dns

LS: whtn-gry mtld cky P&F No. Vis. N.S.O.	
sh: brn slty, gry slty	
LS: whtn-gry Tr. cky mostly fcln dns.	
LS: wh. sh. slty-cky-fcln-Tr Sl. 6614 No. Vis. N.S.O.	
LS: wh. sh. slty-cky-fcln dns	
sh: gry slty, brn	
Tr. SS: cl. gry v. fm. gn. Consol. irregular fcln	
sh: brn slty	
cky Sdy LS N50	
LS: wh. sh. cky-fcln slty PPP N.S.O. A. Tr.	
sh: brn	
LS: tn-gry fcln dns	
sh: brn slty, gry slty	

3400  
20  
40  
60  
80  
3500



TOPOGRA  
-can  
-can  
-can  
-can



20	brn & blue slty sdy sh.
40	sh: brn slty LS: wh-tn cky-fsif ppp NSA
60	sh: brn LS: tn fclndns sh: brn + gry R.T. blk carb. LS: wh-tn fcln-fsif dns
80	LS: wh-tn cky-fcln gyp NSA LS: brn fcln dn.
3600	LS: wh-tn cky-fcln ool PPP NSA-
20	LS: tn-tt. gry fcln dns sh: blk carb. LS: lt. gry slt mtlol fsif dns sl: pyrite spks. LS: tn fsif dns sh: brn slty

Board 3660.20  
Strap 3658.86  
Diff 1.34



DST#3 3772-3805  
 30-30-0-0  
 IF: wkb low died in 20 min  
 Recovery: 1' Mud  
 Hyd: 1901-1876#  
 FP: 13-14#  
 BHP: 21#  
 BH Temp: 92°F

Sh: gry sily. & brn sily

LS: wh. tn v. cty. - f. ch oil  
 ppd N.S.O.

Sh: brn

LS: ta. v. elf. sily f. ch  
 lot of sh: brn

Sh: brn

LS: wh. tn f. ch - f. sily oil  
 abund. f. ss. incl. ss. pp φ -  
 ign. part φ fr. 0.5% pp. bleed  
 ss. part. 50% f. ss. or dr.

Sh: brn, gry

LS: wh. tn f. ch - sily - f. sily drs  
 N.S.O. Tr. Δ wh

Sh: brn & gry

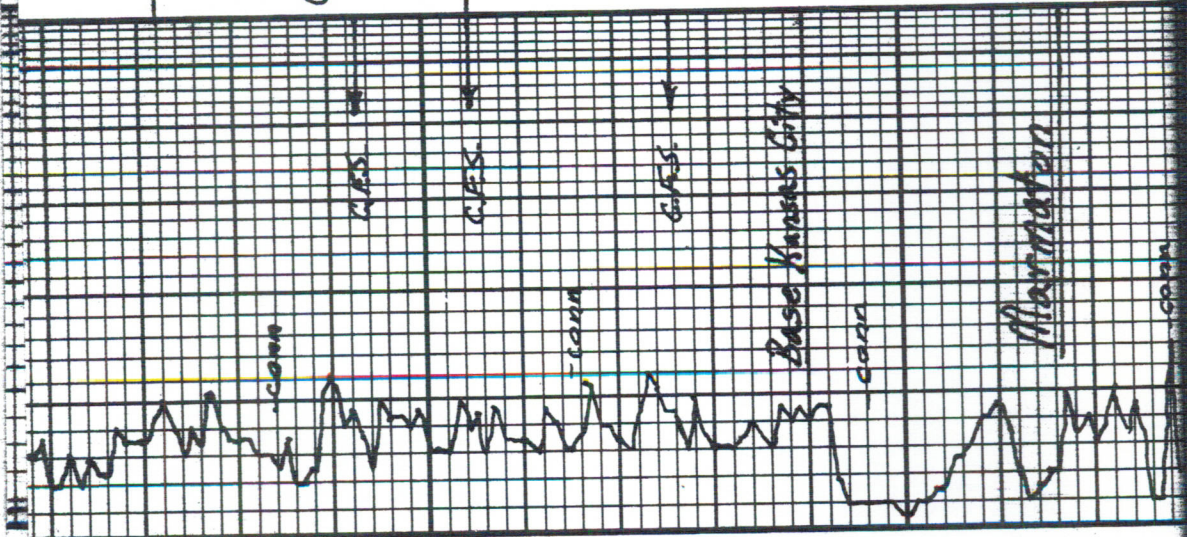
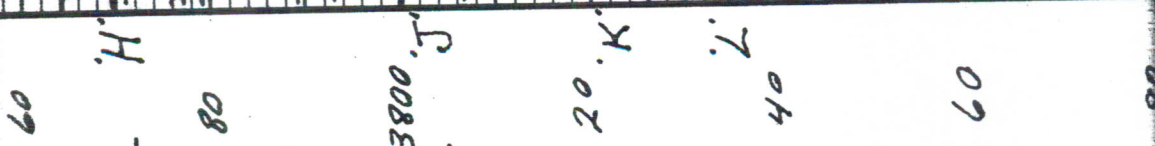
LS: wh. tn sily. cty. - f. ch drs

Sh: brn, gry, grn  
 Tr. ss: brn v. fr. gr. - consol.  
 irregular N.S.O.

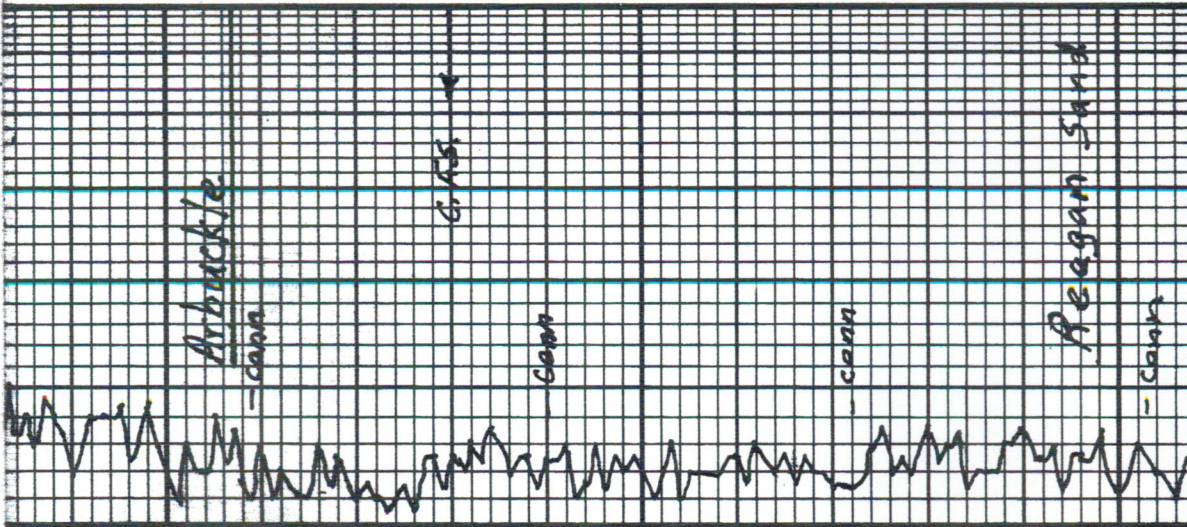
Sh: brn sily

LS: wh. tn - brn cty. - f. ch -  
 sily - f. sily drs N.S.O.

Sh: brn sily







3900

20

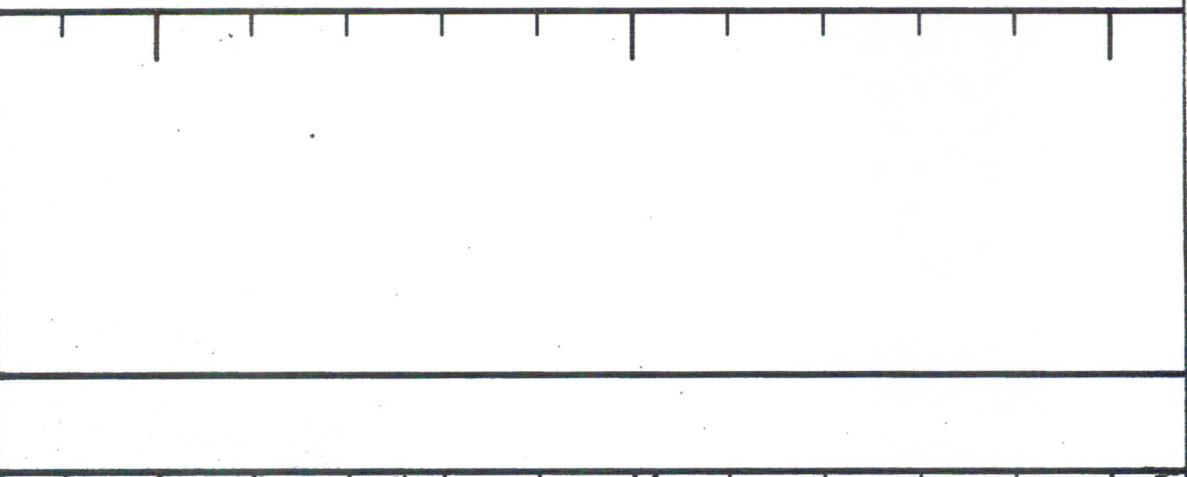
40

60

80

4000

<p>Ls: tn-brn sli. mtlid flif das. N.S.O.</p>	<p>Ls: uk-tn fuch dns</p>
<p>T: doli-tn-<del>pk</del> fela das Tr. glauc. Spks N.S.O.</p>	<p>Dol: + sdy doli: wh-tn- pk fch-mxn inxlp N.S.O. glauc. Spks</p>
<p>Dol + sdy doli: wh-tn fch-mxn, inxlp-VgV φ glauc. Spks N.S.O.</p>	<p>Dol: wh-tn-brn fch-mxn inxlp-VgV φ glauc. Spks N.S.O. Siberia</p>
<p>Doli-tn-brn fch-mxn inxlp N.S.O. incr. glauc.</p>	<p>Doli: aa</p>
<p>Sami</p>	<p>Doli-tn-brn aa</p>
<p>Tr Qtz angular Sli frost N.S.O. - cons. gn uncons.</p>	





inc. Qtz, clt-frost. Coars gn. unconsol N.S.O.	Quartz, biotite, feldspar	Qtz, biot, felds.										
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20

40

