

A.P.I. # 15-065-24041-00-00

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY <u>Baird Oil Company, L.C.</u> LEASE <u>Curtis Tien #1-12</u> FIELD <u>Wildcat</u> LOCATION <u>2305' ENL + 330' FEL</u> SEC <u>12</u> TWSP <u>7s</u> RGE <u>24W</u> COUNTY <u>Graham</u> STATE <u>Kansas</u>	ELEVATION KB <u>2431'</u> DF <u>2429'</u> GL <u>2423'</u> Depths Measured From Log <u>KB</u> Drilling <u>KB</u>
CONTRACTOR <u>WW Drilling Rig #12</u> SPUD <u>5-28-14</u> COMP <u>6-3-14</u> SAMPLES SAVED FROM <u>3450'</u> TO <u>R.T.D.</u>	CASING Surface <u>8 5/8" @ 264'</u> Production <u>None</u>
ELECTRIC LOGS <u>Nabors</u>	

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
			<u>E. Log</u>	-0-	●		
<u>Anhydrite</u>	<u>2135</u>	<u>2130</u>	<u>+ 301</u>	<u>+ 301</u>	<u>+ 291</u>		
<u>Base Anhydrite</u>	<u>2169</u>	<u>2164</u>	<u>+ 267</u>	<u>+ 268</u>	<u>+ 257</u>		
<u>Topeka</u>	<u>3483</u>	<u>3477</u>	<u>-1046</u>	<u>-1038</u>	<u>-1040</u>		
<u>Heebner</u>	<u>3686</u>	<u>3680</u>	<u>-1249</u>	<u>-1235</u>	<u>-1244</u>		
<u>Toronto</u>	<u>3709</u>	<u>3703</u>	<u>-1272</u>	<u>-1259</u>	<u>-1268</u>		
<u>Lansing</u>	<u>3726</u>	<u>3720</u>	<u>-1289</u>	<u>-1274</u>	<u>-1282</u>		
<u>Base Kansas City</u>	<u>3920</u>	<u>3914</u>	<u>-1483</u>	<u>-1466</u>	<u>-1486</u>		
<u>Total Depth</u>	<u>3950</u>	<u>3944</u>	<u>-1513</u>	<u>-1504</u>	<u>-1523</u>		

REFERENCE WELLS

- A Baird Oil Co. McAnail-Goetz Unit #1-1, 330' ENL + 2420' FWL, Sec 1-7s-24W
- B Baird Oil Co. Fountain Unit #1-18, 2400' ENL + 640' FWL, Sec. 18-7s-23W
- C
- D

REMARKS

This well ran 7 to 15 feet lower on the fansing top than the reference wells. After considering the pertinent information it was decided this well should be plugged and abandoned.

Richard B. Bell
6-3-14

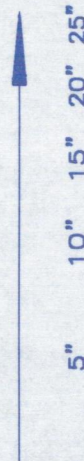
7502

LEGEND

- 
Anhydrite
- 
Salt
- 
Sandstone
- 
Shale
- 
Carb sh
- 
Limestone
- 
Ool. Lime
- 
Chert
- 
Dolomite

DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



DEPTH

2120

40

LITHOLOGY

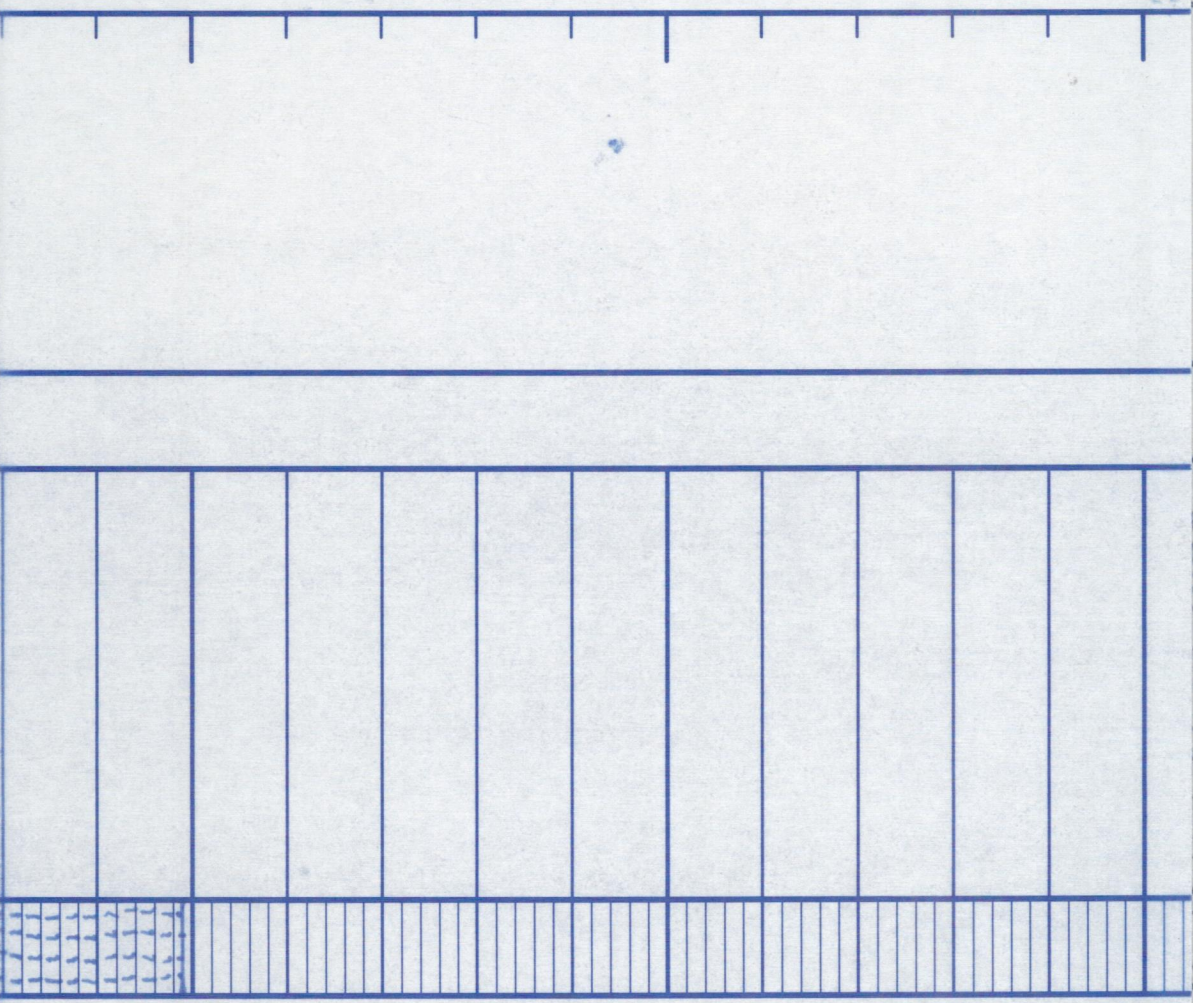


SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

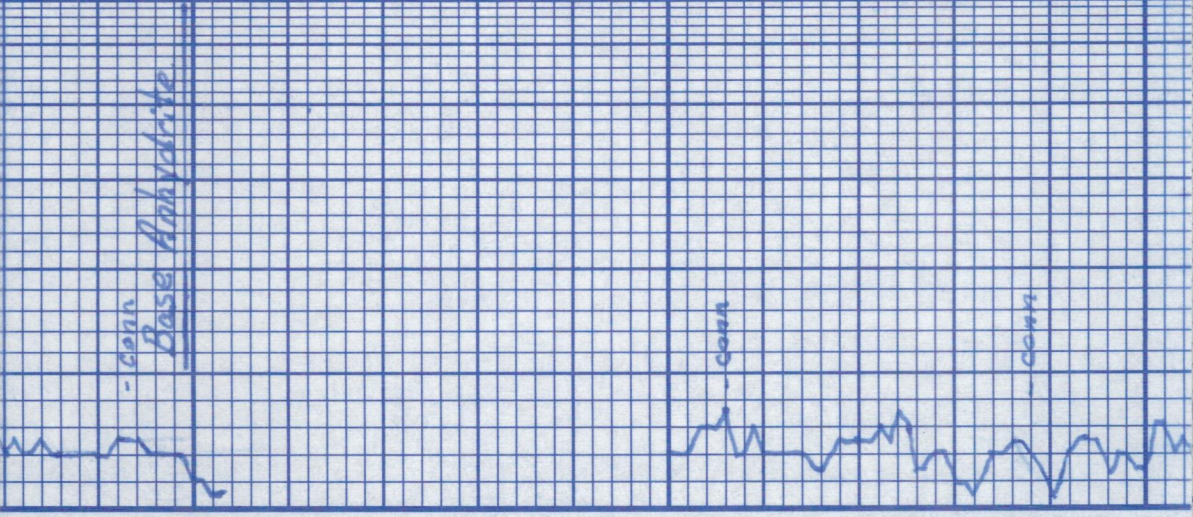
LOG 7710



60

3350

3400



- Conn
Base Anhydrite

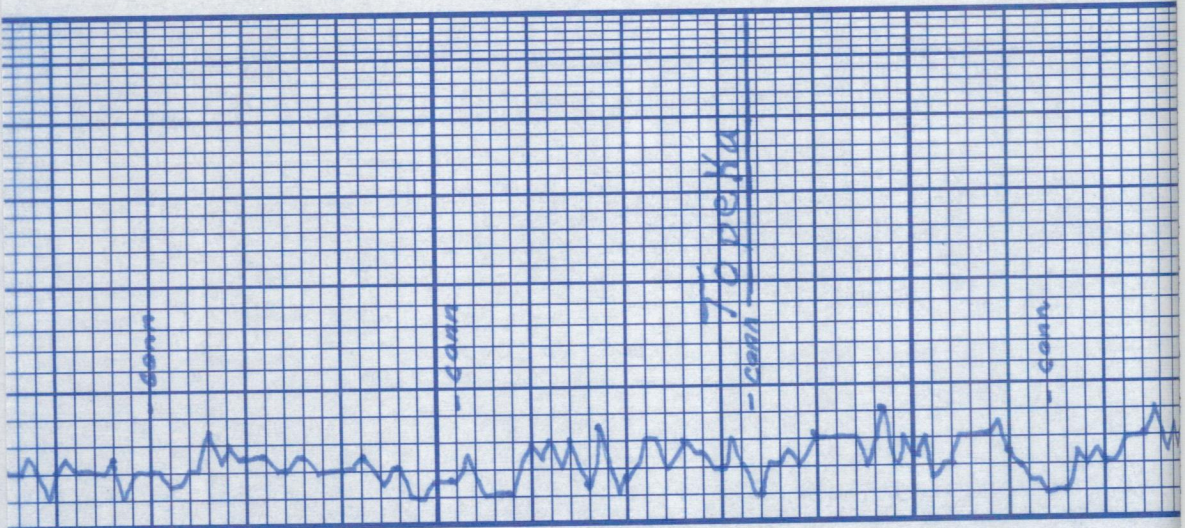
- Conn

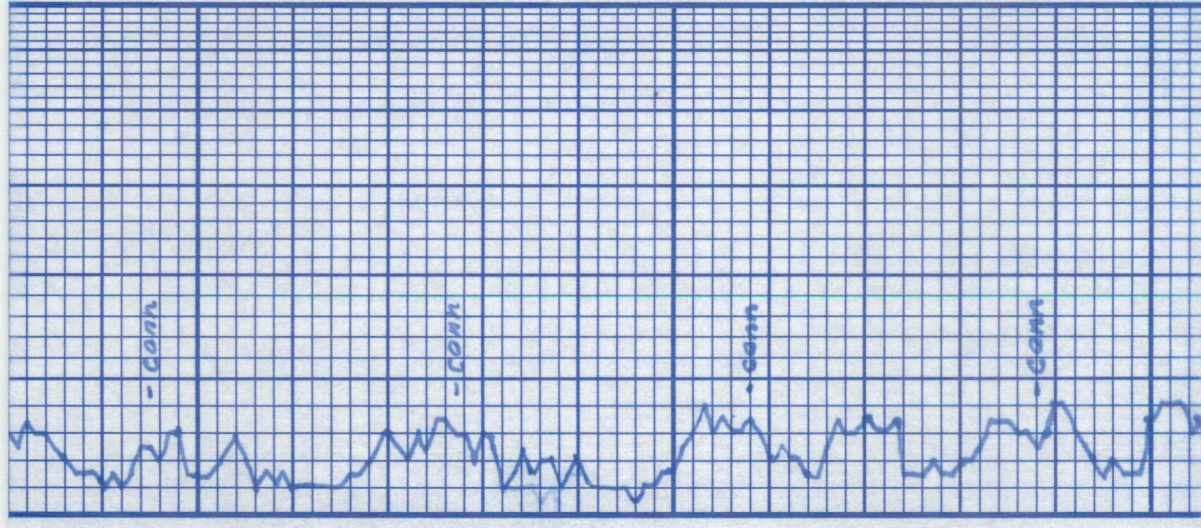
- Conn

Samples are lagged
Good Samples

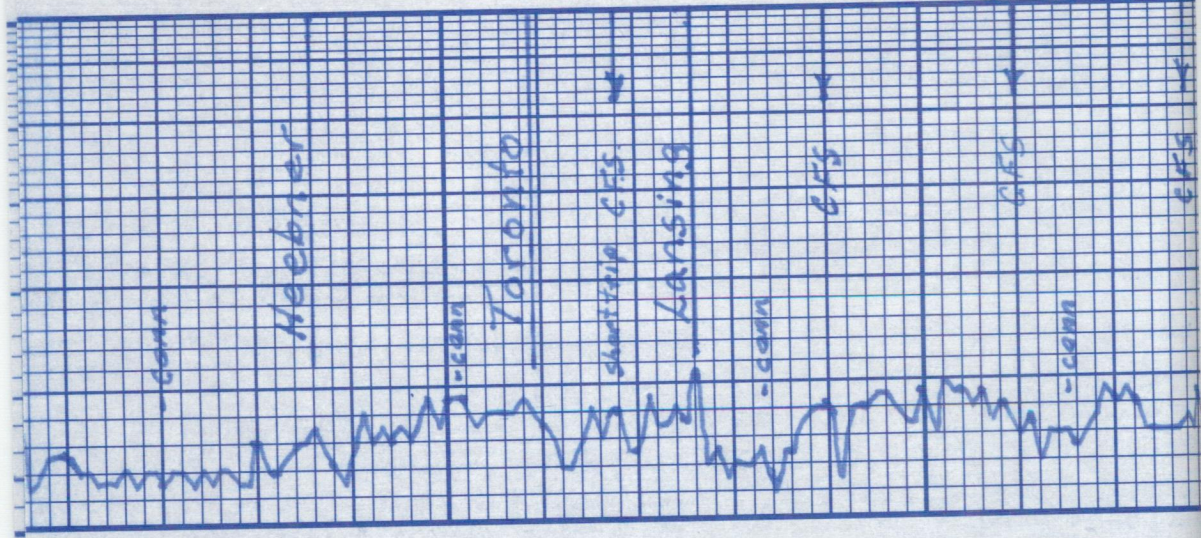
Drilling time has to
be adjusted up 6 ft.
to match log depths.

20	sh: gry	sh: gry
40	LS: tn- gry- fs/ f dns	LS: tn- gry- fs/ f dns
60	sh: brn, gry, grn LS: wh- tn- gry- fs/ f dns N.S.O.	sh: brn + gry
80	LS: tn- gry- sli- yel- fs/ f dns	LS: tn- gry- sli- yel- fs/ f dns
3500	LS: gry- fs/ f dns	LS: wh- tn- fsln- sli- fs/ f dns
20	sh: brn + gry	sh: brn + gry
	LS: wh- tn- yel- sli- cky- fsln dns	LS: wh- tn- yel- sli- cky- fsln dns
	LS: tn- gry- fs/ f dns	LS: tn- gry- fs/ f dns
	LS: wh- tn- cky- fs/ f PP N.S.O. TA- brn	LS: wh- tn- cky- fs/ f PP N.S.O. TA- brn
	LS: wh- tn- sli- cky- fs/ f PP N.S.O.	LS: wh- tn- sli- cky- fs/ f PP N.S.O.
	LS: tn- fsln- dns TA- tn	LS: tn- fsln- dns TA- tn
	LS: tn- gry- fs/ f dns sh: brn + gry	LS: tn- gry- fs/ f dns sh: brn + gry





40	LS: wh-tn sli. cky-fsch sli. ööl ppø N.S.O.
60	AS: tn-gry fslf das Tr Δwh LS: wh-tn sli. cky-fsch Tr sli. ööl ppø N.S.O. Δxy wh-tn
80	LS: tn-lt. gry fslf das Sh: blk Carb LS: tn mtld fslf das sh: gry + brn
3600	Ststonebrn
20	LS: wh-tn cky-fsch ööl pp. ppø N.S.O. sh-brn
40	LS: wh-tn cky-fsch fslf ööl / foss. incl. ppø inpart ø N.S.O. Tr. soft blk Carb Sh. LS: wh-tn cky-fsch ööl ppø- inpart ø N.S.O.



60	LS: th + kh oo. impart 4 N.S.O.	LS: wh-th cky-feln ööl ppö. inpart φ N.S.O. - Δy wh
80	Sh: blk Carb LS: tn-gry fslf dās	Sh: brn + gry
3700	LS: wh-th cky-feln sln ööl Tr pp φ N.S.O. Δy tn-or	LS: wh-th V. cky-feln ööl inpart φ N.S.O.
20	Sh: brn + gry	LS: tn-fgry felndās
40	LS: tn-feln dās	LS: wh-th cky-feln sub ööl dās
60 C	LS: wh-th sl: cky-feln ööl pp. impart φ ht. sctd. Q. sta N.F.O. No odor Δ wh-tr	Sh: brn + gry
80 D	LS: wh-th sl: cky-fslf impart φ Tr. vgy φ ht. pr. 0.5 in. Tr. pp. Fa. tv. odor Δ wh	

Trilobite Testing

DST #1 3758' - 3778'
30-30-30-30
IF: wk blow 30 min
FF: No blow
Recovery: 10' Total
5' M
5' MW
HYL: 1912-1885#
FP: 22-26/30-34#
BHP: 1036 - 1001#
BHTemp: 115°F.

