

API# 15-163-24030-0000

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY Baird Oil Company, LLC.
LEASE Pettijohn #1-30
FIELD Wildcat
LOCATION 1415' FNL + 1255' FWL
SEC 30 TWSP 75 RGE 19W
COUNTY Rooks STATE Kansas

ELEVATION
KB 1992
DF 1990
GL 1987
Depths Measured From
Log KB Drilling KB

CONTRACTOR WWD Drilling Rig #8
SPUD 5-2-12 COMP 5-6-12
SAMPLES SAVED FROM 2910' TO R.T.D.

CASING
Surface 8 5/8" @ 213'
Production None
ELECTRIC LOGS
Superior Well Services

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
				●	-0-		
Anhydrite	1489	1487 +	505	+ 502	+ 473		
Base Anhydrite	1422	1421 +	471	+ 467			
Topeka	2956	2957 -	965	- 957	- 967		
Heebner	3158	3160 -	1168	- 1156	- 1169		
Toronto	3182	3184 -	1192	- 1179	- 1193		
Lansing	3198	3200 -	1208	- 1195	- 1209		
Base Kansas City	3409	3411 -	1419	- 1401	- 1419		
Marmaton	3441	3443 -	1451				
Arbuckle	3459	3461 -	1469	- 1441	- 1459		
Total Depth	3494	3495 -	1503	- 1452			

REFERENCE WELLS

- A Black Diamond; Pettijohn #1, 1535' FNL + 1945' FWL Sec. 30-75-19W
- B Diamond Shamrock; Garden Pettijohn #1, 330' FNL + 1650' FWL Sec. 30-75-19W
- C
- D

REMARKS

This well ran 13 feet lower to 1 foot higher on the Lansing top and 10 to 28 feet lower on the Arbuckle top than the reference wells. Due to the low structural position it was decided no further testing was warranted. The well was plugged and abandoned.

Richard B. Bell
5-7-12

7502

LEGEND

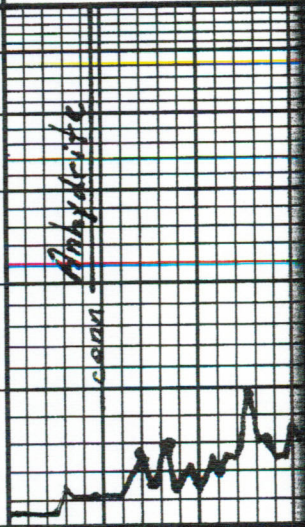
- 
Anhydrite
- 
Salt
- 
Sandstone
- 
Shale
- 
Carb sh
- 
Limestone
- 
Ool. Lime
- 
Chert
- 
Dolomite

DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



5" 10" 15" 20" 25"



LOG 7710

DEPTH
1480
1500

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

20

80

2900

20

40

60

80

sh: gry slty

ls: tn-gry mtd fsif dms
N.S.O.

ls: aa
sh: gry, brn
ls: tn-gry fsif dms

sh: gry slty Tr ss-gry vfn.
gn conca. ingran p N.S.O.

sh: gry slty

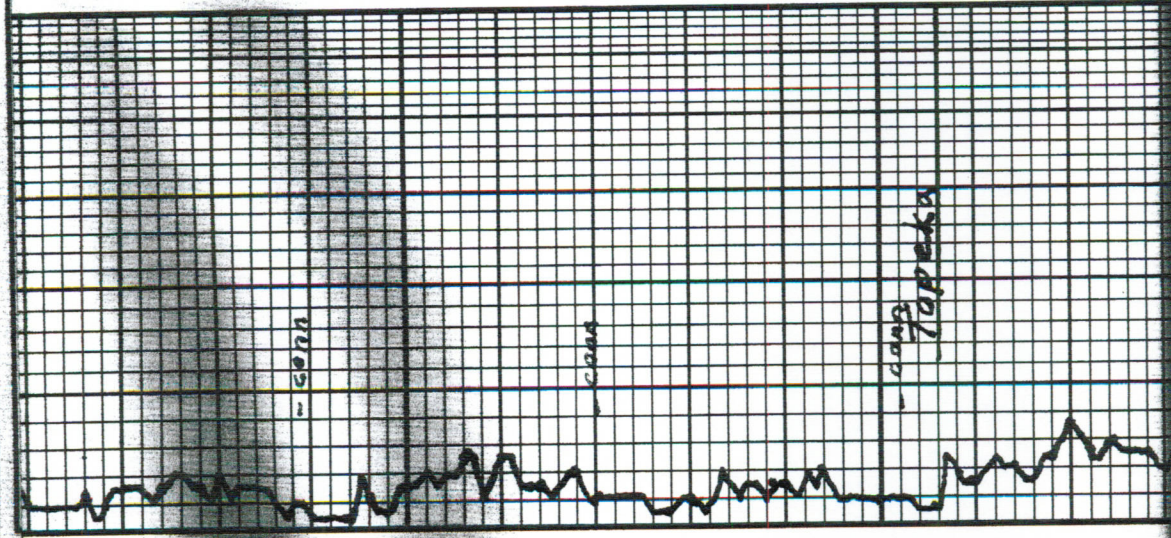
ls: tn-gry fxlh-fsif dms
N.S.O.

sh: brn, gry

ls: tn-gry, sltyed fsif dms
N.S.O.

same

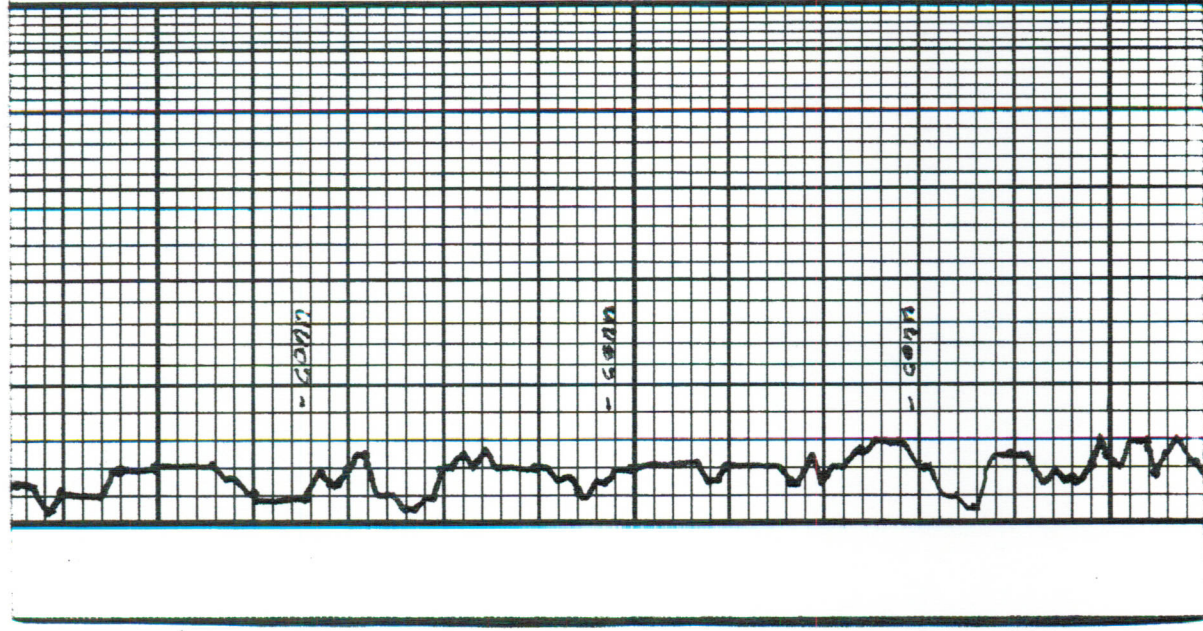
ls: tn-gry fxlh dms.



conn

con

Tapeksa



3000

20

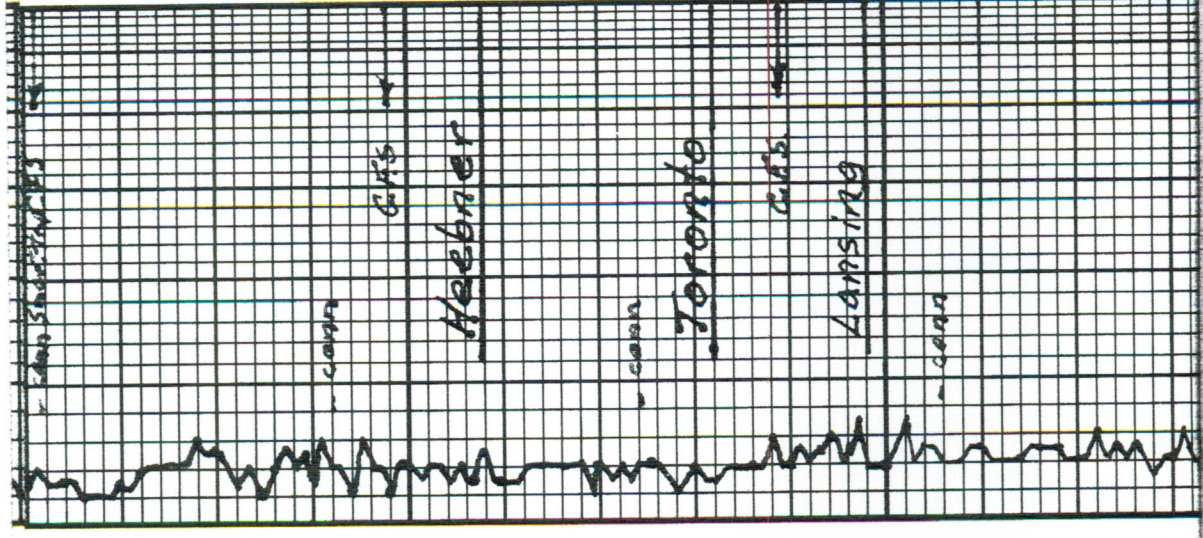
40

60

80

3100

LS: wh-trn chy-fsif in part frable N.S.O.	sh: gry
LS: wh-trn-gry chy-fsif das	shly: gry sity. drk gry
LS: wh-trn-gry chy-fsif No vis. N.S.O.	
LS: wh-trn-gry chy-fxln Tr.Sli. suc. in part N.S.O.	
LS: tr-gry fxln-sli fsif das Tr Δ pr	
LS: tr-gry chy-fxln Tr pr. PP & mostly das N.S.O. Tr Δ tr	
Sli blk carb. LS: gry fsif das	
Sh: gry. brn	
LS: wh-trn-gry chy-fsif das Tr Δ tr fsif N.S.O.	
LS: wh-trn fsln das	
LS: wh-trn-sli chy-fxln Tr pr. PP & sli glom spks N.S.O.	
Sh: bin carb N.S. gry brn drk	



20
40
60
80
3200
'A'
20

LS: wh-tn fain - fs/f pr. imp Φ sli. pyr. spks. N.S.O. A to brn	LS: tn fain - inxln Φ sli. dolic Tr. kt. Sptd O str RT. ka. O Sat	LS: tn - gry pold fs/f pp Φ Sptd O str floating f.O. No odor	LS: a a	sh: blk Carb.	LS: tn - gry fs/f das	sh: gry, brn Tr. ss. V. fn. gn Consol in gran Φ N.S.O.	LS: wh-tn fain - fs/f tr. pr. pp Φ N.S.O. A to	LS: wh-tn cky - fx ln tr. inxln Φ N.S.O.	LS: wh - tem fain das Tr Δ wh	sh: gry V. fn. gn Consol sh: gry in gran Φ N.S.O.
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