

APT-15-137-20672-0000

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY Baird Oil Company, L.L.C.
 LEASE Esslinger Ranch, Inc. #4-26
 FIELD Red Fox
 LOCATION 1733' FSL + 1230' FEL
 SEC 26 TWSP 35 RGE 22W
 COUNTY Norton STATE Kansas

ELEVATION
 KB 2302'
 DF 2300'
 GL 2294'
 Depths Measured From
 Log KB Drilling KB

CONTRACTOR W.M. Drilling Rig #12
 SPUD 10-7-13 COMP 10-14-13
 SAMPLES SAVED FROM 3280' TO R.T.D.

CASING
 Surface 3 7/8" @ 222'
 Production None
 ELECTRIC LOGS
Nabors

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SURF	E. LOG	DATUM	A	B	C	D
Hydrate	1986	1982	+ 320	+ 325	+ 315		
Base Anhydrite	2014	2010	+ 292	+ 297	+ 288		
Topoka	3305	3301	- 999	- 995	- 999		
Heebner	3504	3501	- 1199	- 1196	- 1199		
Toronto	3529	3526	- 1224	- 1222	- 1225		
Lansing	3545	3542	- 1240	- 1237	- 1241		
Base Kansas City	3738	3736	- 1434	- 1430	- 1430		
Marmaton	3772	3769	- 1467	- 1461	- 1457		
Arbuckle	3809	3807	- 1505				
Gran Wash	3829	3826	- 1524		- 1494		
Granite	3837	3834	- 1532	- 1516	- 1529		
Total Depth	3852	3850	- 1548	- 1542	- 1554		

REFERENCE WELLS

- 1 Baird Oil Co. LLC, Esslinger Ranch, Inc. #4-26, 710' FSL + 1635' FEL Sec. 26-35-22W
- 2 Baird Oil Co. LLC, Esslinger Ranch, Inc. #4-26, 2265' FSL 230' FEL Sec. 26-35-22W
- 3
- 4

REMARKS

This well ran 16 feet higher to 3 feet lower on the surface top than the reference wells. After receiving O.S.T. and open hole log data, it was decided no further testing was warranted. The well was plugged and abandoned.

Richard D. Hill
10/15/68

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Coal
- Limestone
- Oil-Lime
- Chert
- Dolomite

DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



5" 10" 15" 20" 25"

DEPTH

1980

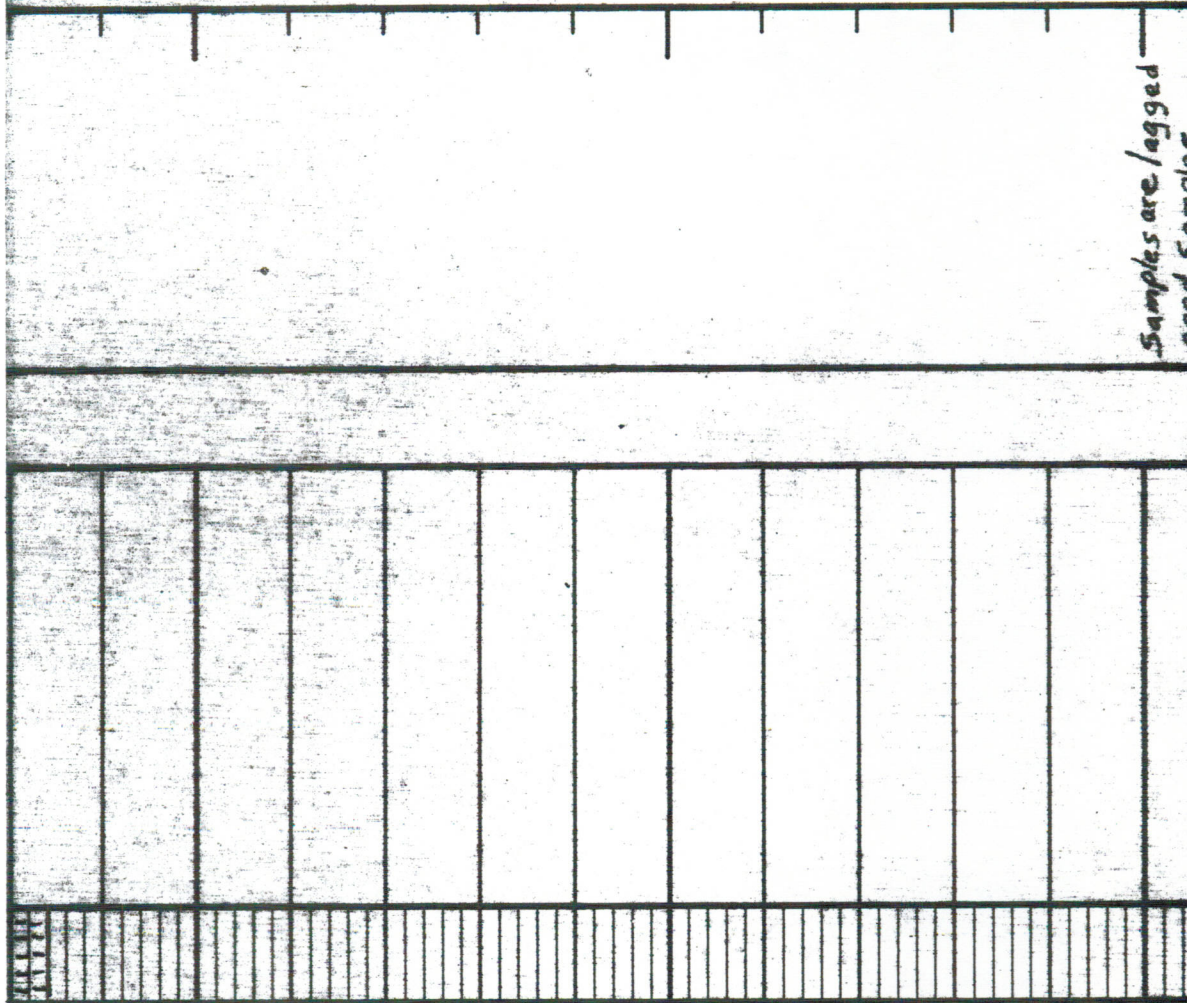
2000

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

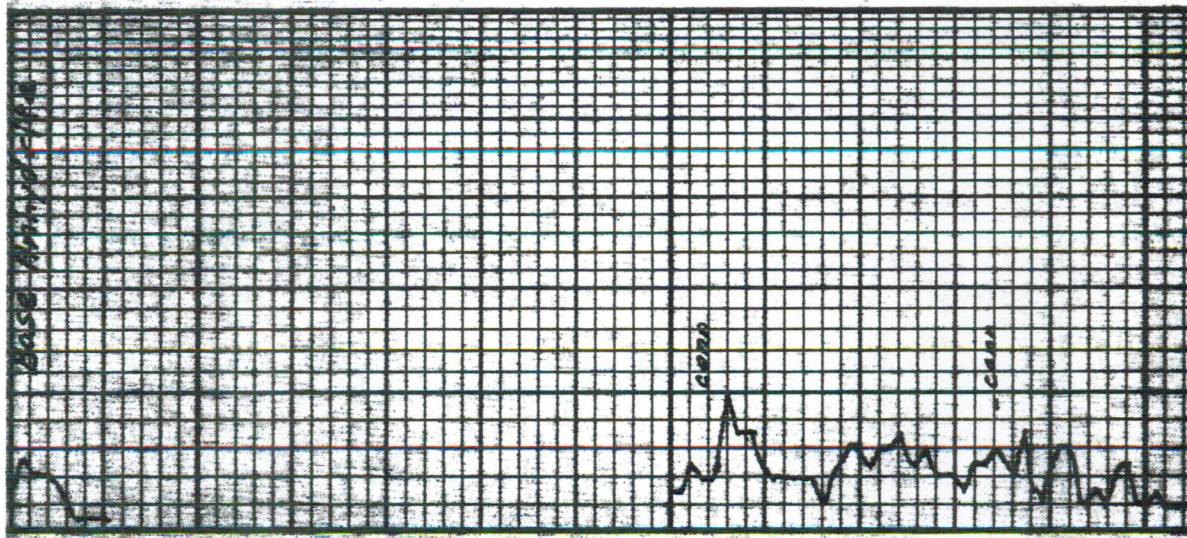


2020

3200

40

410

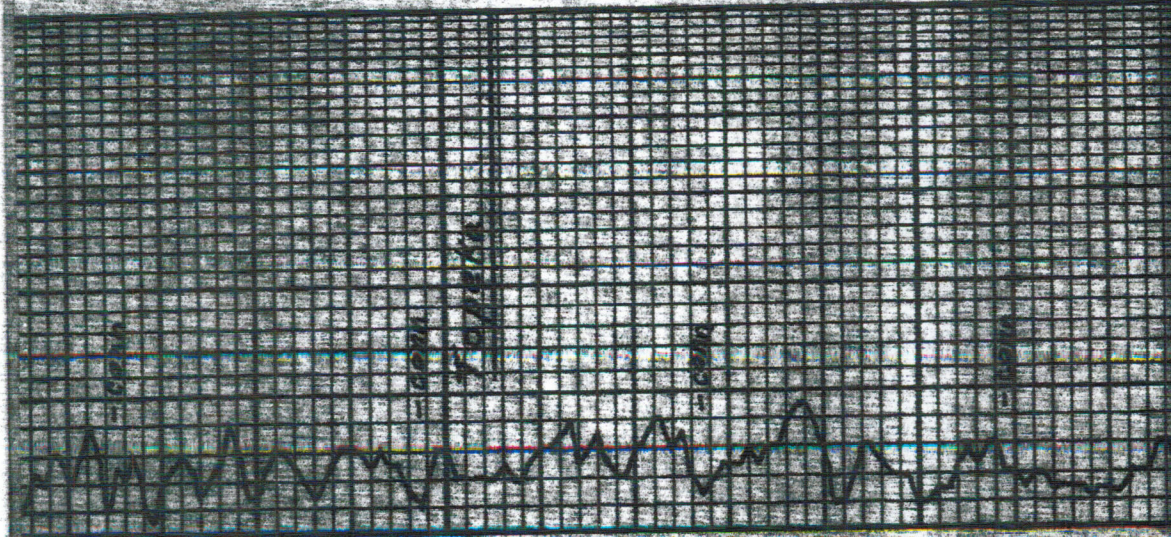


BASE

3200

4000

Samples are logged and samples



60

80

3300

20

40

60

LS: wh-tn - Lt. gry clay-fsh
 sh. fsh pp & N.S.O.

AS: tn-gry felt dhs N.S.O.

Sh. gry 46m

LS: wh-tn - Lt. gry clay-fsh
 sh. fsh dhs N.S.O.

AS: wh-tn sh. clay-fsh, sh. felt
 pp & N.S.O.

AS: wh-tn fsh - sh. felt, pp
 pp & N.S.O.

LS: wh-tn - Lt. gry clay-fsh -
 sh. felt pp & N.S.O.
 sh. gry, grn

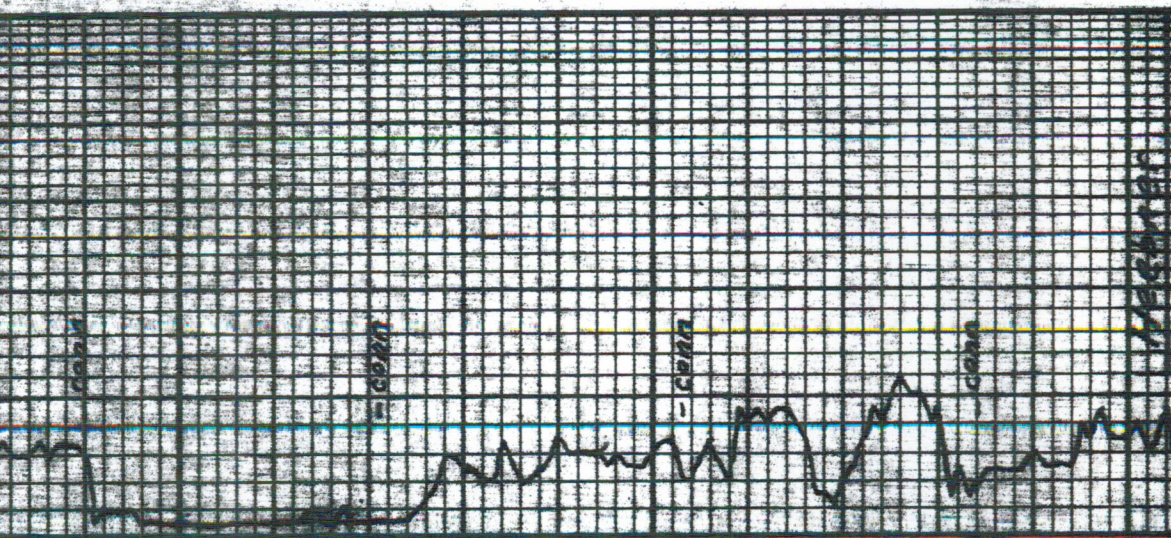
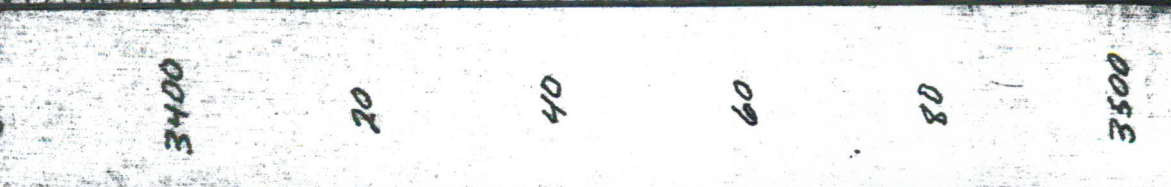
AS: wh-tn fsh pp & N.S.O.

AS: wh-tn sh. clay fsh to bed
 mostly dhs

sh. gry 16m

LS: wh-tn - Lt. gry fsh, bed
 sh. & mostly dhs to 4 m or

15: wh. to. Lt. gry. cky - f. ln 71.511-1518 dms N.S.O.			
sh. brn t. gry 71.515-1519.90 contol. f. ln to 1519.90	3400		
incr. sh. brn silty	20		
15: wh. to. cky. p. f. ln. sli. ool ppp N.S.O.	40		
sh. brn silty 15: wh. to. cky. f. ln. sli. ool. sub ool ppp N.S.O. Tr. blk carb. sh 25: to f. ln. sli. f. sli. p. dms	60		
15: wh. to. brn cky - f. ln ool ppp N.S.O.	80		
15: wh. to. Lt. gry. sli. cky. f. ln dms N.S.O.	3500		
sl. blk p. f. ln			



CORIN

Recovery: 10.046CM
 57.6, 107.0, 96%N
 114.1837-1806#
 17.13.22/22-22#
 81P. 820-661#
 81Temp: 95°F

DST #4 3820-3833
 30-45 - 30-45
 IF: 8.0.B. in 8 min.
 TSC: surface blow
 FF: 8.0.B. in 9 min.
 TST: No blow
 Recovery: 610 Total
 70 (MMS 5.0.802U), 207M
 590 water
 114: 1839-1826#
 FP: 17-213/217-304#
 81P: 1082-1072#
 81Temp: 96°F
 Chlorides: 46,000 ppm

15:00 to 16:00 hrs. d.s.c.
 16:00
 17:00
 18:00
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