



BRANDT OIL COMPANY

9505 WEST CENTRAL @ SUITE 104
WICHITA, KANSAS 67212

Aug. 29, 1977

GEOLOGICAL REPORT BRANDT OIL COMPANY #1 SLEAD SW SW SE SEC. 24-19S-13E COFFEY COUNTY, KANS.

The following is my Geological report covering the Brandt Oil Company #1 Slead, located in the SW SW SE sec 24-19S-13E Coffey County, Kansas. This wildcat test located 3 1/2 miles east of Neosho Rapids was under Geological supervision from 1300 to T.D. Samples were examined from 850 to T.D. A set of samples have been placed on file with the State Geological Survey. There were no drill stem tests taken during the drilling of the test. A Gamma-Neutron log was run from 0-T.D.

OPERATOR	BRANDT OIL COMPANY
CONTRACTOR	BRANDT DRILLING CO., INC.
Surface CASING	8 5/8 @ 54/50 SX
ELEVATION	1151 GR 1155 K.B. (L&S)
DRILLING COMMENCED	AUGUST 22, 1977
DRILLING COMPLETED	AUGUST 27, 1977
LOGGING PROGRAM	GAMMA - NEUTRON
R.T.D.	2305
L.T.D.	2296

LOG TOPS

Reebner	402 (+ 753)
Douglas	593 (+ 562)
Lansing	766 (+ 380)



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Log tops cont'd

Kansas City	1028	(+ 127)
Base Kansas City	1148	(+ 7)
Altamont	1284	(- 129)
Pawnee	1305	(- 150)
Ft. Scott	1350	(- 195)
Cher Shale	1422	(- 267)
Cattleman Shale	1536	(- 381)
Bv Shale	1612	(- 457)
Bv Sand	1637	(- 482)
Miss	1797	(- 642)
Miss Osage	1982	(- 827)
Kinderhook	2174	(- 1019)
Hunton	2252	(- 1097)
R.T.D.	2305	(- 1150)
L.T.D.	2296	(- 1141)

ZONES OF INTEREST:

Bv Sand 1637 (-482)

1637-41 Sand, green to gry green, fn to silty, clear, rded, friable, bearing considerable orange calcite xtals and glauconite, very poor por, no show.

Hunton 2252 (-1097)

2252 54 Chalk and chalky chert with chalky matrix, no no por, no show.

2254-95 Chert white to blue white, fresh, ang, dense, and smooth smoky translucent, occass sli sandy and dolomitic, very chalky, no por, no show.

2295-03 Lm, tan granular to fn xln, poor por, no show.

DISCUSSION:

The captioned test was drilled on the strength of a core drill anomaly depicting structural closure on the surface beds. However, on the lower horizons the test ran approximately regional.



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therefore it would appear that the structural closure suggested on the surface beds was not of sufficient magnitude to offset the regional dip. Although a slight show of oil was recorded in the top two feet of the Hunton, the rocks were cherty and cherty and lacked the necessary reservoir conditions that would give up oil. There were no other shows of hydrocarbons detected any where in the hole. Neither were there any indications of gas logged on the gas detector. In view of the absence of any significant shows the well was plugged and abandoned.

Respectfully submitted,


Earl O. Brandt
Registered Prof. Geologist

DRILLING TIME

BRANDT OIL COMPANY #1 SLEAD
SW SW SE SEC. 24-19S-13E
COFFEY COUNTY, KS.

1400 - 10	2 3 3 2 3	12	3 3 4 3 2	15
20	2 1 1 1 1	6	2 3 2 1 1	9
30	2 4 3 3 3	15	3 3 1 1 1	8
40	1 1 1 1 1	3	2 1 1 1 1	6
50	2 1 1 1 1	6	2 1 1 1 1	6
60	1 1 1 1 1	5	2 1 1 1 1	6
70	2 1 1 1 1	5	1 1 1 1 1	5
80	1 1 1 1 1	5	1 1 1 1 1	5
90	1 1 1 1 1	5	1 1 1 1 1	5
00	2 1 1 1 1	5	1 2 1 1 1	6
1500 - 10	1 1 1 1 1	5	1 1 1 1 1	5
20	1 1 1 1 1	4	1 1 1 1 1	5
30	1 1 1 1 1	5	1 1 1 1 1	5
40	2 1 1 1 1	6	2 2 2 1 1	5
50	1 1 1 1 1	5	2 1 1 1 1	6
60	1 2 1 1 2	7	1 1 1 2 1	5
70	1 1 1 1 1	4	1 2 2 1 1	9
80	2 1 1 1 2	7	1 1 1 1 1	4
90	1 1 1 1 2	5	1 1 2 1 1	6
00	2 1 1 1 2	7	2 1 1 1 1	6
1600 - 10	2 1 1 1 1	5	1 1 1 1 2	6
20	2 1 1 1 2	7	2 1 1 1 2	6
30	1 1 1 1 2	6	2 1 1 2 2	8
40	2 2 1 1 2	8	2 2 2 1 2	9
50	1 1 1 1 1	5	1 1 1 1 1	5
60	1 2 1 1 2	7	2 1 1 1 2	7
70	1 2 1 1 2	7	2 1 1 2 3	8
80	1 1 1 2 2	7	2 1 2 1 2	8
90	2 1 1 2 1	7	2 1 1 2 1	7
00	2 2 2 1 2	9	1 1 1 2 3	8
1700 - 10	2 1 1 2 2	7	2 1 1 2 2	8
20	2 1 1 2 1	7	2 1 2 2 2	9
30	1 2 1 2 2	8	1 2 1 1 2	7
40	2 1 2 3 2	10	1 1 4 2 2	10
50	1 1 1 2 2	7	2 1 1 1 2	7
60	2 1 2 2 1	8	1 1 1 1 2	5
70	2 2 1 1 3	9	2 1 1 1 2	7
80	1 1 1 2 2	7	2 1 2 1 2	8
90	3 1 1 2 1	8	3 1 1 2 1	8
00	3 2 1 3 2	11	2 3 2 3 4	14

1800 - 40 3 3 3 3 3
 20 3 4 3 4 3
 30 3 4 4 5 5
 40 4 4 4 4 4
 50 5 6 5 5 4
 60 4 4 4 6 6
 70 3 2 2 2 2
 80 3 2 2 2 2
 90 3 2 2 2 2
 00 5 3 3 4 4

3 3 2 3 3
 2 3 2 3 3
 3 5 6 4 5
 4 4 5 4 4
 5 5 5 5 5
 6 6 5 2 2
 3 3 2 2 2
 4 3 3 2 2
 2 3 4 3 3
 4 3 4 3 3

1900 - 10 4 4 4 4 4
 20 2 2 2 2 2 SR
 30 4 4 2 2 2
 40 3 3 3 3 3
 50 4 2 3 3 2
 60 5 6 4 2 2
 70 5 6 5 6 5
 80 4 6 6 4 3
 90 4 5 5 5 1
 00 2 3 4 2 3

4 3 3 4 2 SR
 2 3 3 2 3
 3 4 2 3 3
 3 3 2 5 4
 3 2 4 3 3
 2 5 6 5
 5 5 6 5 5
 2 3 2 2 2
 3 2 5 2 3
 2 2 1 1 1

2000 - 10 1 2 3 2 3
 20 3 4 4 4 2
 30 5 5 4 5 6
 40 4 2 2 3 3
 50 4 3 3 3 2
 60 7 7 5 8 6
 70 5 7 8 7 7
 80 7 7 7 6 6
 90 5 6 6 7 8
 00 7 8 9 7 8

1 2 2 1 2
 1 2 5 4 6
 2 4 6 5 6
 3 3 3 3 3
 3 5 3 5 7
 6 5 8 4 7
 8 6 7 6 6
 5 7 5 6 6
 8 8 8 6 8
 9 8 7 7 6

2100 - 10 6 8 5 6 5
 20 4 8 6 4 6
 30 6 6 5 6 5
 40 4 5 6 5 7
 50 6 7 8 7 7
 60 7 7 3 6 7
 70 6 5 6 6 6
 80 7 7 6 6
 90 10 6 5 5 5
 00 4 2 2 4 7

8 9 5 5 3
 6 6 5 6 4
 4 7 5 6 6
 6 7 6 6 7
 7 3 8 5 7
 6 8 6 7 7
 7 7 8 6 7
 8 2 11 10 9
 4 6 3 4 3
 4 1 2 2 2

2200 - 10 4 4 3 3 4
 20 3 5 3 4 4
 30 3 3 3 4 4
 40 4 4 3 4 4
 50 4 5 4 3 3

4 4 3 4 4
 3 4 3 4 4
 4 4 5 4 3
 3 4 4 3 4
 3 3 3 3 2

60 3 3 3 2 2
 70 3 1 3 3 2
 80 2 2 2 2 2
 90 5 5 3 5 6
 00 5 6 4 5 5

CFS @ 64 $\frac{1}{2}$ hr

4 3 5 5 5 SR
 4 4 2 2 2 CFS @ 69 $\frac{1}{2}$ hr
 4 2 3 3 4
 6 4 4 4 5
 6 5 5 6 5

2300 - 10 6 6 6 5 6 R.T.D CFS 1 $\frac{1}{2}$ hrs