

G E O L O G I C A L R E P O R T

ASH-BIE OIL COMPANY
NO. 2 SCHOENTHALER "B"
NE-NE-NW
SECTION 36-11S-20W
ELLIS COUNTY, KANSAS
API#15-051-24792

K C C

JUL 22 1994

RECEIVED
STATE CORPORATION COMMISSION
JUL 23 1994

CONSERVATION DIVISION
Wichita, Kansas

OPERATOR: Ash-Bie Oil Company

WELL: No. 2 Schoenthaler "B"

LOCATION: NE-NE-NW
2970' from the east line.
4950' from the south line.
Section 36-11S-20W
Ellis County, Kansas

FIELD: Unnamed

DRILLING CONTRACTOR: Helberg Drilling

DRILLING COMMENCED: 04-11-92

DRILLING COMPLETED: 04-20-92

DRILLING TIME: One (1) foot drilling time was recorded
from 3000' to 3710' RTD.

SAMPLES: Samples were saved and examined from 3100'
to 3710' RTD.

ELEVATIONS: 2080' G.L. 2082' D.F. 2085' K.B.

MEASUREMENTS: All depths are measured from 2085' K.B.

CASING RECORD: 8 5/8" set @ 235' with 150 sacks.

FORMATION TESTING: Two (2) tests were run by Diamond Testing Co.

MUD: Mud-Co., Inc. (Starch)

OPEN HOLE LOGS: Great Guns Logging
R.A. Guard Logs

PRODUCTION: Dry and abandoned.

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FORMATION TOPS:

FORMATION	SAMPLE	LOG	DATUM
ANHYDRITE	1461'	1464'	+ 621
BASE ANHYDRITE	1506'	1509'	+ 576
TOPEKA	3124'	3127'	-1042
HEEBNER	3346'	3346'	-1261
TORONTO	3366'	3372'	-1287
LANSING	3381'	3387'	-1302
BASE KANSAS CITY	3611'	3608'	-1523
CONGLOMERATE CHERT	3648'	3650'	-1565
ARBUCKLE	3698'	3700'	-1615
ROTARY TOTAL DEPTH	3722'	****	-1637
LOG TOTAL DEPTH	****	3723'	-1638

SAMPLE DESCRIPTIONS AND TEST DATA:

(All depths are corrected to log measurements.)

TOPEKA:

- 3152-3162 Limestone, tan, gray and cream, very finely crystalline, fossiliferous, with fair to good visible interfossiliferous porosity, chalky, no shows of oil were noted.
- 3312-3322 Limestone, gray, white and tan, finely crystalline, fossiliferous, with good intercrystalline and slightly pinhole vugular porosity, chalky, no shows of oil were noted.

TORONTO:

- 3372-3380 Limestone, gray and cream, very finely crystalline, mostly dense, slightly fossiliferous, chalky in part, with poor visible intercrystalline porosity, no shows of oil were noted.

LANSING-KANSAS CITY:

- 3389-3395 Limestone, white and gray, finely crystalline, dense, slightly fossiliferous, chalky, no shows of oil were noted.
- 3420-3428 Limestone, gray, white and tan, finely crystalline, fossiliferous in part, chalky, with scattered intercrystalline porosity, no shows of oil were noted.
- 3438-3446 Limestone, gray, white and cream, very finely crystalline, oolitic, with poor to fair interoolitic porosity, trace of scattered staining, very slight show of free oil when broken, no odor.
- 3464-3470 Limestone, gray and white, finely crystalline, oolitic, with fair to good interoolitic porosity, very chalky, rare scattered staining and saturation, very slight show of free oil when broken, questionable odor.
- 3518-3524 Limestone, gray and white, finely crystalline, fossiliferous in part, slightly chalky, with poor scattered intercrystalline porosity, no shows of oil were noted.
- 3538-3546 Limestone, gray and tan, finely crystalline, dense, fossiliferous, oolitic in part, trace of spotted staining, no shows of free oil were noted.
- 3556-3564 Limestone, white and tan, finely crystalline, oolitic in part, chalky, poor visible porosity, no shows of oil were noted.
- 3576-3584 Limestone, tan and gray, finely crystalline, oolitic and slightly oolitic, with fair oolitic porosity, slightly vugular, very slight show of free oil, dead appearing, no odor.
- 3602-3608 Limestone, white and gray, very finely crystalline, slightly fossiliferous, oolitic in part, chalky, no shows of oil were noted.

CONGLOMERATE CHERT:

- 3650-3678 Chert, white, gray, yellow and orange, mostly fresh, slightly weathered, sharp, with scattered, fractured staining and saturation, fair show of free oil from approximately 3662' to 3668', somewhat heavy and dead in appearance, shale, vari-colored.

ARBUCKLE:

3700-3706 Dolomite, tan, brown and gray, very finely crystalline, slightly dense, with fair intercrystalline porosity, some pinhole, with fair show of free oil, light odor.
(Covered by D.S.T. No. 1)

FORMATION TEST NO. 1

3700-3706

		I.H.P.	2087#
Weak blow	45 min.	I.F.P.	24#- 63#
	45 min.	I.S.I.P.	1207#
Weak blow	45 min.	F.F.P.	82#-114#
	45 min.	F.S.I.P.	1198#
		F.H.P.	2068#

RECOVERY: 180' very slightly mud cut froggy oil.
60' mud and water cut oil. (20% mud, 30% water, 50% oil.)

CHLORIDES: 45,000 P.P.M.

TEMPERATURE: 107°

3707-3710 Dolomite, tan, white and gray, fine to medium crystalline, with fair to good intercrystalline and pinhole slightly vugular porosity, fair to good show of free oil, good odor.
(Covered by D.S.T. No. 2)

FORMATION TEST NO. 2

3705-3710

		I.H.P.	2086#
Strong blow in 8 min.	45 min.	I.F.P.	36#-168#
	45 min.	I.S.I.P.	1080#
Weak blow	45 min.	F.F.P.	188#-317#
	45 min.	F.S.I.P.	1040#
		F.H.P.	2064#

RECOVERY: 120' very slightly oil and mud cut water.
500' water.

CHLORIDES: 60,000 P.P.M.

TEMPERATURE: 114°

ARBUCKLE: (Cont.)

3711-3723 Dolomite, tan, gray and some white, fine to medium crystalline, with fair to good visible intercrystalline porosity, scattered staining, very slight show of free oil, fair odor.

SUMMARY:

Although the No. 2 Schoenthaler "B" had a positive drill stem test in the top 6' of the Arbuckle, it was decided to plug and abandon this hole after reviewing the open hole logs. The possible productive zone appeared to be from 3701'-3703' and only calculated approximately 9%-10% porosity. With such low porosity it was determined that the well would be too marginal to be commercially productive.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Todd E. Morgenstern", with a stylized flourish extending to the right.

Todd E. Morgenstern
Geologist

DRILLING TIMES:

3001-3010	2-5-5-5-4-5-5-4-3-2
3011-3020	4-4-4-3-4-5-3-3-2-3
3021-3030	3-3-2-4-4-4-4-5-5-5
3031-3040	5-5-5-5-5-5-5-5-5-5
3041-3050	5-5-6-5-3-2-2-2-2-2
3051-3060	1-2-2-1-2-5-6-7-2-6
3061-3070	5-4-4-3-2-2-4-4-3-5
3071-3080	3-3-4-5-5-3-2-2-2-2
3081-3090	1-2-2-2-2-2-1-1-2-2
3091-3100	2-2-3-2-2-3-2-2-2-2
3101-3110	4-5-5-5-5-5-5-5-5-4
3111-3120	3-3-2-2-2-1-2-1-2-1
3121-3130	1-2-1-2-4-6-5-5-5-5
3131-3140	4-4-4-4-4-4-2-2-4-4
3141-3150	3-4-4-4-4-4-6-8-6-3
3151-3160	3-3-3-3-4-3-1-2-1-3
3161-3170	4-5-6-7-6-8-7-7-6-8
3171-3180	7-6-7-4-5-7-5-5-6-8
3181-3190	7-8-6-7-6-7-7-7-7-7
3191-3200	6-7-8-5-5-4-4-4-4-3
3201-3210	4-4-4-4-6-6-4-5-3-2
3211-3220	3-2-3-2-4-3-4-3-3-3
3221-3230	2-4-4-7-7-5-7-6-9-3
3231-3240	4-7-7-6-5-5-6-7-6-6
3241-3250	6-7-7-7-8-7-8-6-9-8
3251-3260	6-7-5-3-5-4-5-5-5-5
3261-3270	6-7-7-6-6-6-7-7-5-7
3271-3280	6-6-4-4-6-9-8-9-9-9
3281-3290	7-7-6-10-10-10-9-9-8-7
3291-3300	4-4-5-4-4-6-8-10-11-11
3301-3310	11-10-10-9-8-10-12-13-11-8
3311-3320	5-4-5-5-6-6-8-8-9-10
3321-3330	10-4-6-6-6-7-7-7-7-7
3331-3340	6-5-5-5-4-5-5-6-5-5
3341-3350	5-6-6-5-6-6-4-3-2-6
3351-3360	5-7-5-5-4-4-5-4-5-5
3361-3370	5-5-5-5-5-6-6-4-6-4
3371-3380	6-4-5-4-5-6-6-6-5-6
3381-3390	4-5-7-6-6-8-7-5-7-7
3391-3400	6-6-5-5-7-6-7-6-7-7

DRILLING TIMES: (Cont.)

3401-3410	6-7-7-8-7-8-8-7-8-7
3411-3420	5-8-7-6-7-4-4-4-6-8
3421-3430	7-5-5-6-7-7-5-6-7-8
3431-3440	7-8-7-6-6-6-5-5-4-7
3441-3450	7-6-7-7-7-7-4-5-4-7
3451-3460	6-7-7-7-7-7-7-6-7-7
3461-3470	6-8-6-2-2-2-3-5-5-7
3471-3480	6-6-5-6-7-5-4-4-5-6
3481-3490	5-6-7-7-7-7-7-8-6-6
3491-3500	6-8-8-7-7-7-7-8-7-8
3501-3510	7-8-7-8-7-8-7-9-7-5
3511-3520	5-6-6-6-7-6-6-5-5-5
3521-3530	6-5-4-7-8-7-7-7-7-7
3531-3540	7-7-8-9-6-6-6-7-9-6
3541-3550	6-6-5-6-5-6-6-6-7-5
3551-3560	6-6-5-5-6-6-5-5-5-6
3561-3570	6-5-5-5-6-3-7-7-9-5
3571-3580	4-3-7-7-6-7-6-6-6-7
3581-3590	7-7-8-7-8-8-6-8-8-7
3591-3600	8-8-9-11-11-12-14-9-12-15
3601-3610	9-8-6-6-7-7-8-9-9-10
3611-3620	9-7-8-8-7-9-8-7-8-9
3621-3630	8-6-7-6-7-7-8-7-6-7
3631-3640	7-13-13-5-7-7-7-8-8-7
3641-3650	8-8-9-8-8-8-7-9-5-3
3651-3660	3-2-3-3-6-7-9-10-6-3
3661-3670	1-1-1-1-2-3-3-2-4-4
3671-3680	5-4-6-6-6-7-8-10-9-8
3681-3690	9-11-10-9-9-7-9-14-17-16
3691-3700	9-8-10-10-5-6-6-6-4-4
3701-3710	3-4-5-6-2-2-6-5-4-4-RTD