

Computer inventoried

ORIGINAL

GEOLOGICAL REPORT

ASH-BIE OIL COMPANY
NO. 1 J.S.
SW-SW-SE
SECTION 35-11S-20W
ELLIS COUNTY, KANSAS

API #15-051-24875

KCC

JAN 12 1995

RECEIVED
STATE CORPORATION COMMISSION

OCT 05 1994

CONSERVATION DIVISION
WICHITA, KANSAS

OPERATOR: Ash-Bie Oil Company

WELL: No. 1 J.S.
API #15-051-24,875

LOCATION: SW-SW-SE
330' from the S.L.
2310' from the W.L.
Section 35-11S-20W
Ellis County, Kansas

FIELD: Wildcat (1/2 mile west of Stella)

CONTRACTOR: Shields Drilling Co., Rig No. 1

DRILLING COMMENCED: 08-26-94

DRILLING COMPLETED: 09-03-94

DRILLING TIME: One (1) foot drilling time was recorded
from 3100' to 3770' RTD.

SAMPLES: Samples were saved and examined from 3100'
to 3770' RTD. Samples have been turned into the
K.G.S. Well Sample Library, 4150 Monroe, Wichita, Kansas

ELEVATIONS: 2100' Ground Level 2105' Kelly Bushing

MEASUREMENTS: All depths are measured from 2105' K.B.

CASING RECORD: 8 5/8" set @ 222' with 140 sacks.

FORMATION TESTING: One (3) tests were run by Western Testing Co.

MUD: Mud-Co. (Chemical)

OPEN HOLE LOGS: Log-Tech (Radiation Guard w/ Caliper)

PRODUCTION: Dry & Abandon

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FORMATION TOPS:

<u>FORMATION</u>	<u>SAMPLE</u>	<u>LOG</u>	<u>DATUM</u>
ANHYDRITE	1492'	1491'	+614'
BASE ANHYDRITE	1538'	1534'	+571'
TOPEKA	3139'	3140'	-1035'
HEEBNER	3361'	3362'	-1257'
TORONTO	3383'	3883'	-1280'
LANSING	3400'	3401'	-1296'
BASE KANSAS CITY	3634'	3635'	-1530'
MARMATON	3680'	3685'	-1580
ARBUCKLE	3610'	3612'	-1507'
LOG TOTAL DEPTH	*****	3769'	-1664'
ROTARY TOTAL DEPTH	3770'	*****	-1665'

SAMPLE DESCRIPTIONS AND TEST DATA:
(All depths are corrected to log measurements.)

TOPEKA: No shows of oil were noted in the through out the Topeka.

TORONTO:

3383-3394 Limestone, white and cream, dense to very finely crystalline, fossiliferous, chalky, with poor visible intercrystalline porosity, slightly chalky, trace of scattered stain, dead oil.

LANSING-KANSAS CITY:

3438-3444 Limestone and dolomite, white and gray, dense, slightly oolitic, slightly chalky, finely crystalline with good visible intercrystalline porosity, some vuggy, fair to good staining, slight show of free oil on break, light odor. (Covered by D.S.T. No. 1)

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FORMATION TEST NO. 1
3417-3445

Strong in 5 min.	30 min.	I.H.P.	1672#
	45 min.	I.F.P.	62# -249#
Strong in 11 min.	30 min.	I.S.I.P.	769#
	30 min.	F.F.P.	302# -406#
	45 min.	F.S.I.P.	759#
		F.H.P.	1651#

RECOVERY: 20' Slightly Oil Cut Muddy Water
90' Muddy Water
720' Water

TEMPERATURE: 112*

CHLORIDES: 58,000 P.P.M

3480-3488 Limestone, white and gray, finely crystalline, oolitic and fossiliferous with fair to good visible interoolitic and vuggy porosity, fair to good staining, fair show of free oil, good odor. (Covered by D.S.T. No. 2)

FORMATION TEST NO. 2
3464-3490

Strong in 4 min.	30 min.	I.H.P.	1734#
	30 min.	I.F.P.	72# -291#
Strong in 13 min.	30 min.	I.S.I.P.	738#
	30 min.	F.F.P.	354# -458#
	30 min.	F.S.I.P.	707#
		F.H.P.	1734#

RECOVERY: 65' Slightly Oil Cut Muddy Water
840' Water

TEMPERATURE: 113*

CHLORIDES: 80,000 P.P.M.

3492-3502 Limestone, white, cream and gray, finely crystalline, oolitic in part, slightly chalky, with fair visible porosity, no shows were noted.

3540-3545 Limestone, gray and white, very finely crystalline, dense, fossiliferous, with poor visible porosity, trace of scattered spotted staining, no show of free oil, no odor.

3581-3588 Limestone, gray and cream, finely crystalline, fossiliferous, oolitic, some pinhole porosity, trace of tarry oil, scattered staining, no odor.

3602-3612 Limestone, white and cream, very finely crystalline, chalky, oolitic, white chert, with fair interoolitic porosity, trace of dark staining, light odor, very slight show of oil on break.

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ARBUCKLE:

- 3712-3715 Dolomite, brown and tan, dense, very finely crystalline, chert, junky, with very poor visible porosity, no shows of oil were noted.
- 3716-3720 Dolomite, as above, dense, finely crystalline, with trace of porosity, chert, very slight show of oil, faint odor.
- 3721-3723 Dolomite, tan and brown, fine to medium crystalline, sucrosic, with dark staining and saturation, fair to good show of free oil, light odor, (Covered by D.S.T. No. 3)

FORMATION TEST NO. 3
3685-3723

Weak blow.	30 min.	I.H.P.	1858#
	30 min.	I.F.P.	31# -31#
Weak blow died in 17 min.	30 min.	I.S.I.P.	322#
	30 min.	F.F.P.	31# -31#
	30 min.	F.S.I.P.	281#
		F.H.P.	1838#

RECOVERY: 5' Mud with show of oil in grindout.

TEMPERATURE: N/A

CHLORIDES: N/A

- 3724-3731 Dolomite, fine to medium crystalline, dense, cherty, pyrite, dead staining, no shows of oil, no odor.

SUMMARY:

The No. 1 J.S. was drilled to a total depth of 3770' R.T.D. Although this well ran structurally high to other nearby test holes, it was decided to plug and abandon the No. 1 J.S. after the results three negative drill stem tests and the open hole log.

Respectfully submitted,


Todd E. Morgenstern
Geologist

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