

MARK TORR

COPY

14-10-31W

Independent Petroleum Geologist

(913) 689-4814

ROUTE 2, BOX 59

RECEIVED STOCKTON, KANSAS 67669

STATE OIL AND GAS COMMISSION

October 5, 1991

DEC 05 1991

N-B COMPANY

BECKMAN A # 1

E/2-SE-NW of Section 14-10S-31W

Thomas County, Kansas

COMMENCED: September 24, 1991COMPLETED: October 1, 1991DRILLED BY: Emphasis, Rig 10.PIPE RECORD: 8 5/8" at 257' with
150 sacks of cement.ELECTRIC LOG: RA Guard.

GEOLOGICAL REPORT

Elevation

2956:KB

2948:GL

Gentlemen:

The above captioned well was under my supervision from a rotary depth of 3600' to a rotary total depth of 4630'. Ten foot samples, washed and dried, were examined from 3600' to RTD. Two drill-stem tests were run. This well was plugged and abandoned in the Mississippian.

Formation Data

Electric log tops from KB.

ANHYDRITE	2533 Top	+423
	2562 Bottom	+394
HEEBNER SHALE	3980	-1024
TORONTO	4005	-1049
LANSING-KANSAS CITY	4019	-1063
BASE OF KANSAS CITY	4294	-1338
PAWNEE	4411	-1455
FORT SCOTT	4480	-1524
CHEROKEE SHALE	4508	-1552
MISSISSIPPIAN	4601	-1645
RTD	4630	-1674

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Significant Zones

4108-4114 Chalky white limestone. Fine crystalline to fossiliferous. Trace of stain, no free oil and no odor.

4203-4207 Friable tan limestone. No free oil, light stain, no odor.

4283-4288 Fossiliferous to oolitic limestone, chalky in part. Show of free oil, good odor, and a light stain. This zone was covered in DST # 1.

DST # 1

INTERVAL TESTED: 4265' to 4297'.

TIMES: 30-30-5-0.

RECOVERY: 5' of oil-spotted mud.

SHUT-IN PRESSURE: 1197 PSI.

FLOW PRESSURES: 31-31 PSI.

4412-4418 Offwhite oolitic limestone. Show of free oil, strong odor, and a light to medium spotted to even stain. This zone was covered in DST # 2.

DST # 2

INTERVAL TESTED: 4390' to 4435'.

TIMES: 45-60-60-60.

RECOVERY: 836' of gas-in-the-pipe, 30' of mud-cut gassy oil (10% gas, 50% oil & 40% mud), 120' of oil-cut gassy mud (40% gas, 30% oil, 30% mud).

SHUT-IN PRESSURES: 1055-890 PSI.

FLOW PRESSURES: 35-47 & 84-93 PSI.

4550-4558 Offwhite to gray/tan limestone. Vuggy fine crystalline. Show of tarry to asphaltic oil, no odor, and a black stain.

Recommendations

Due to poor drill-stem test results, it was recommended to plug and abandon this well.

Respectfully submitted,

Mark Torr

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Drill Time

3601-3700 22223-23233-22211-12212-11233-22322-21222-23232-33222-22322-
2333321122-32333-23433-22223-32233-33233-23222-12232-12222-

3701-3800 23222-21111-22222-33243-33233-22122-32423-34332-12322-12222-
23333-43332-22334-33234-32233-32223-33334-33322-12122-21121-

3801-3900 22233-12221-23333-33233-21111-32211-11112-12221-11111-11112-
12212-34443-42211-21113-21221-11111-11111-11111-11112-33333-

3901-4000 32211-23334-33343-34222-22233-33334-22233-22332-11111-21223-
43232-31111-11211-21222-22111-12122-22113-33323-32432-34333-

4001-4100 34332-22213-33334-34443-32122-33221-22221-22233-23433-33433-
33333-12221-23342-33332-32333-44333-32222-12343-35543-22222-

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34334-43346-33322-33333-32333-43444-44344-44444-43343-34544-

4601-4630 44445-44444-33433-33334-33535-24334-

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