

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Bldg.
Wichita, Kansas 67202

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit

COUNTY Barton SEC. 24 TWP. 20 RGE. 14W E/W
Location as in quarters or footage from lines:
C W/2 NE SE

Lease Owner Frank J. Black
Lease Name BUSHNETT Well No. 2
Office Address P.O. Box 250, McPherson, KS 67460
Character of Well (Completed as Oil, Gas or Dry Hole): dry hole
Date Well Completed 12/23/81
Application for plugging filed 12/22/81
Plugging commenced 12/23/81
Plugging completed 12/23/81
Reason for abandonment of well or producing formation dry hole

Locate Well
correctly on above
Section Platt.

Was permission obtained from the Conservation Division or it's
Agent's before plugging was commenced? yes

Name of Conservation Agent who supervised plugging of this well Buddy Metz

Producing formation _____ Depth to top _____ bottom _____ T.D. 3600'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

Casing Record

Formation	Content	From	To	Size	Put in	Pulled Out
		0	318'	8-5/8"	318'	none

Describe in detail the manner in which the well was plugged, indicating where the mud
fluid was placed and the method or methods used in introducing it into the hold. If cement
or other plugs were used, state the character of same and depth placed, from _____ feet
to _____ feet for each plug set.

60 sks @ 600'
40 sks @ 300'
10 sks @ 40'
10 sks in rathole
5 sks in waterwell
Plugged 3:00 AM, 12/23/81
by Howco

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Allen Drilling Company

STATE OF KANSAS COUNTY OF BARTON, ss.

Gary Christopher (employee of owner) or (owner or operator) of the
above-described well, being first duly sworn on oath, says: That I have knowledge of the
facts, statements, and matters herein contained and the log of the above-described well as
filed and that the same are true and correct. So help me God.

(Signature) Gary Christopher
Box 1389, Gt. Bend, KS 67530
(Address)

SUBSCRIBED AND SWORN TO before me this 28th day of December, 19 81

My Commission expires: _____



Ruth Brack
Notary Public.

RECEIVED
STATE CORPORATION COMMISSION

JAN - 5 1982

CONSERVATION DIVISION
Wichita, Kansas

Wayne Lebsack
Petroleum Geologist
603 South Douglas
Lyons, Kansas 67554

December 30, 1981

GEOLOGICAL REPORT

Frank Black
Box 250
McPherson, Kansas 67460

Bushnell No. 2
W/2-NE-SE,
Section 24-20S-14W
Barton County, Kansas

Elevations:

1886 Ground Level; 1891 Kelly Bushing

DRILLING CONTRACTOR	Allen Drilling Company
DATE SPUDDED	December 16, 1981
DATE COMPLETED	December 22, 1981
TOTAL DEPTH	3600 feet
SURFACE CASING	315 feet of 8-5/8 inch
MEASUREMENT ZERO	Kelly Bushing
SAMPLES AND DRILLING TIME LOGGED	3000 feet to Total Depth
OTHER LOGS	Welex Gamma-Guard and Sidewall Neutrons

GEOLOGICAL FORMATION TOPS

FORMATION	Drilling Time Depth	Electric Log Depth	Sub-Sea Depth (Electric Log)
Heebner	3141	3141	-1250
Toronto	3170	3165	-1274
Brown	3258	3259	-1368
Lansing	3268	3271	-1380
Shaley Arbuckle	3517	3516	-1625
Clean Arbuckle	3527	3527	-1636

INTERVALS OF INTEREST, ELECTRIC LOG DEPTH

TORONTO

3172' - 3176'

White dense limestone, with some vugular with some dark heavy oil staining. Log porosity averaged 10 - 13%.

LANSING

3336' - 3840'

3413' - 3417'

White dense chalky limestone, with some oolitic porosity and spotty dark oil staining. Log porosities averaged 8%.

ARBUCKLE

3527' - 3549'

White fine crystalline, cherty dolomite, with some sucarotic porosity and spotty light and dark oil staining. Log porosities averaged 13%.

DRILL STEM TEST NO. 1

3530' - 3541'

Test tools were open 10 minutes, closed 20 minutes, open 30 minutes, closed 20 minutes. There was a very weak blow, that died. The recovery was 20 feet of mud with a show of oil. I.C.I.P. - 63; F.C.I.P. - Flow pressures - 18/22; 27/27.

DRILL STEM TEST NO. 2, Straddle Test

3532' - 3552'

Test tools were open 10 minutes, closed 20 minutes, open 30 minutes, closed 20 minutes. There was a weak blow through out test. The recovery was 10 feet of mud. I.C.I.P. - 894; F.C.I.P. - 701; Flow pressures - 23/23; 27/29.

SUMMARY

The top of the Arbuckle in the Bushnell No. 2 was 19 feet low as compared to the Bushnell No. 1, a northeast diagonal offset, Arbuckle oil well; and since there were no commercial shows evident in the samples, drill-stem tests and electric logs, it was recommended that the well be abandoned.

Submitted by

Wayne Lebsack
Wayne Lebsack
Petroleum Geologist