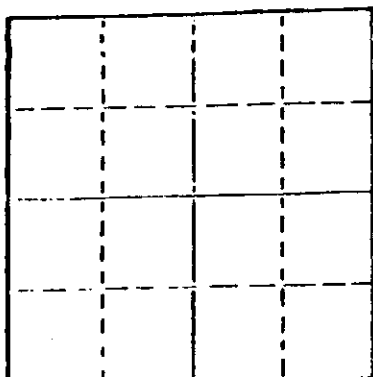


15-165-20626-00-00

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202



Locate well correctly on above Section Plot

Rush County. Sec. 12 Twp 17 Rge. 20 NE/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
C E/2 E/2 NE
Lease Owner F & M Oil Co., Inc.
Lease Name Berthold Well No. 1
Office Address 505 Union Center, Wichita, Kansas 67202
Character of Well (Completed as Oil, Gas or Dry Hole) Dry Hole

Date Well completed March 30 1977
Application for plugging filed March 30 1977
Application for plugging approved March 30 1977
Plugging commenced March 30 1977
Plugging completed March 30 1977
Reason for abandonment of well or producing formation Dry Hole

If a producing well is abandoned, date of last production 19

Was permission obtained from the Conservation Division or its agents before plugging was commenced? yes

Name of Conservation Agent who supervised plugging of this well Leo Massey
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3900
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

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.

Hole full of heavy mud with 50 sacks 50/50 Pozmix, 2% Gel thru drill pipe @ 420'
Mud to 240' with 25 sacks cement thru drill pipe
Mud 40' with $\frac{1}{2}$ sack hulls and 10 sacks cement.

04-04-1977

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

Name of Plugging Contractor Duke Drilling Co.

STATE OF KANSAS COUNTY OF BARTON, ss.
Larry Curtis (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) Larry Curtis
Box 823, Great Bend, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 31st day of March, 1977

Dorothy M. Hague
Notary Public.

My commission expires April 11, 1978

DRILLERS' WELL LOG

15-165-20026-00-00

DATE COMMENCED: March 23, 1977
 DATE COMPLETED: March 30, 1977

F & H Oil Co., Inc.
 BERTHOLD # 1
 G 2/2 E/2 NE
 Sec 21-117-220N
 Rush County, Kansas

ELEVATION: 2059 M.B.

0 - 130' Clay, Post Rock
 130 - 255' Shale
 255 - 740' Shale, Red Bed
 740 - 947' Sand
 947 - 1310' Red Bed
 1310 - 1343' Anhydrite
 1343 - 1987' Shale
 1987 - 3425' Shale and Lime
 3425 - 3429' Shale
 3429 - 3445' Shale and Lime
 3445 - 3725' Lime
 3725 - 3868' Lime and Shale
 3868 - 3900' Dolomite
 3900' RTD

FORMATION TOPS

Anhydrite	1310
Heebner	3425
Toronto	3445
Kansas City	3467
Base K.C.	3725
Arbuckle	3863
RTD	3900

SURFACE PIPE:

Set used 8 5/8", 28# pipe
 at 255' w/165 sacks Common,
 2 1/2 Gal, 3 1/2 cc.

AFFIDAVIT

STATE OF KANSAS }
 COUNTY OF BARTON } ss.

Larry Curtis, of lawful age, does swear and state that the facts and statements herein contained are true and correct to the best of his knowledge.

Larry Curtis

Subscribed and sworn to before me this 31st day of March, 1977.

Deborah M. Hague
 Notary Public

My Commission Expires: April 11, 1978

04-04-1977