

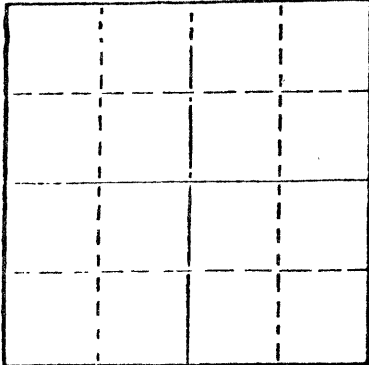
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Decatur County. Sec. 9 Twp. 2S Rge. 27 NW/W
Location as "NE/CNW¹/SW¹" or footage from lines
NW SE

Lease Owner Murfin Drilling Company
Lease Name CATHCART Well No. 1
Office Address 617 Union Center, Wichita, KS 67202
Character of Well (Completed as Oil, Gas or Dry Hole) D&A



Locate well correctly on above
Section Plat

Date Well completed March 12 1979
Application for plugging filed March 12 1979
Application for plugging approved March 12 1979
Plugging commenced March 12 1979
Plugging completed March 12 1979
Reason for abandonment of well or producing formation D&A

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 Gilbert Balthazor
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3866'
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
				8-5/8"	201'	-----

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.

1st plug @ 1100' w/70 sx, 50-50 posmix, 6% gel
2nd plug @ 200' w/20 sx, 50-50 posmix, 6% gel
3rd plug @ 40' w/10 sx, 50-50 posmix, 6% gel
5 sx in rat hole

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

Name of Plugging Contractor Murfin Drilling Company

APR - 2 1979
CONSERVATION DIVISION
Wichita, Kansas

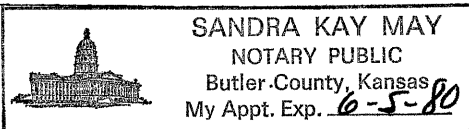
STATE OF KANSAS COUNTY OF SEDGWICK, ss.
Wm. S. Shropshire of Murfin Drilling Company (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Wm. S. Shropshire
Wm. S. Shropshire, Asst. Gen. Mgr.
617 Union Center, Wichita, KS 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 29th day of March, 1979

Sandra Kay May
Sandra Kay May Notary Public.

My commission expires _____



WELL LOG

15-039-20447-00-00

COMPANY Murfin Drilling Company

SEC. 9 T. 2S R. 27W
LOC. NW SE

FARM CATHCART NO. 1

RIG. NO. 16

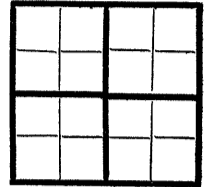
TOTAL DEPTH 3866'

COUNTY Decatur
KANSAS

COMM. March 5, 1979

COMP. March 12, 1979

CONTRACTOR Murfin Drilling Company



CASING

20	10
15	8 -5/8" @ 201' w/165 sx.
12	6
13	5

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

86'	Surface, Clay & Sand
205'	Ochra, Black Shale
2061'	Sand & Shale
2095'	Anhydrite
2495'	Sand & Shale
3165'	Shale
3530'	Shale & Lime
3690'	Lime & Shale
3830'	Shale & Lime
3866'	Shale, Lime & Granite

RECEIVED
 APR 2 1979
 4-2-79
 REGISTRATION DIVISION
 Topeka, Kansas

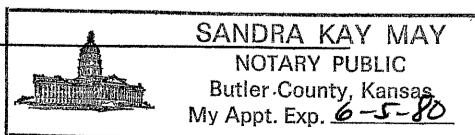
State of KANSAS }
 County of SEDGWICK } ss:

I, Wm. S. Shropshire of the Murfin Drilling Company
 upon oath state that the above and foregoing is a true and correct copy of the log of the CATHCART #1 well.

Wm. S. Shropshire
 Wm. S. Shropshire, Asst. Gen. Mgr.

Subscribed and sworn to before me this 29th day of March 19 79

My Commission Expires:



Sandra Kay May
 NOTARY PUBLIC

Sandra Kay May