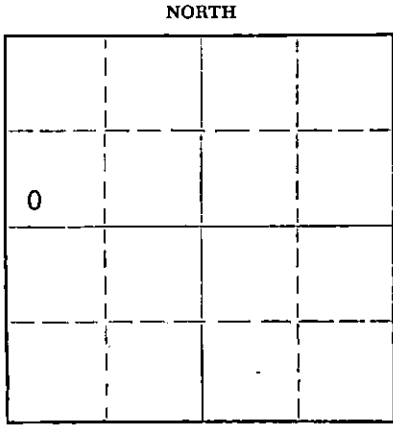


Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 North Market, Insurance Bldg.  
Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Barton County, Sec. 33 Twp. 16S Rge. 11 (E) (W)  
Location as "NE/CNW/SW" or footage from lines SW SW NW  
Lease Owner Murfin, Rains & Williamson  
Lease Name Harzman Well No. I  
Office Address 617 Union Center, Wichita 2, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed January 4 19 59  
Application for plugging filed January 4 19 59  
Application for plugging approved January 4 19 59  
Plugging commenced January 4 19 59  
Plugging completed January 4 19 59  
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 Gilbert Tolman  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3437 Feet  
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"	272'	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 hole. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

Filled hole with mud to 265 feet.  
Set 1st plug at 265 feet with 1/4 sx. hulls, 20 sxs. cement. Filled with mud to 40 feet. Set 2nd plug at 40 feet with 1/4 sx. hulls and 10 sxs. cement.

1-10-59  
RECEIVED  
STATE CORPORATION COMMISSION  
JAN 10 1959  
CONSERVATION DIVISION  
WICHITA, KANSAS

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Murfin Drilling Company  
Address 617 Union Center, Wichita 2, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.  
Fred Murfin (employee or 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) Fred Murfin  
617 Union Center, Wichita 2, Kansas  
(Address)

SUBSCRIBED AND SWORN TO before me this 9th day of January, 19 59.

My commission expires March 23, 1960  
Donna M. Matzek  
Donna M. Matzek Notary Public.

PLUGGING  
FILE SEC. 33 T. 16 R. 11W  
BOOK PAGE 9 LINE 38

# WELL LOG

COMPANY **Murfin Rains & Williamson**

SEC. 33 T. 16S R. 11W

FARM **Harzman**

NO. **1**

LOC. **SW SW NW**

TOTAL DEPTH **3437'**

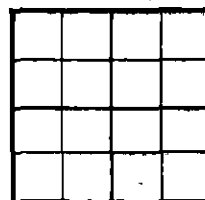
COUNTY **Barton**

COMM. **12-22-58**

COMP. **1-4-59**

KANSAS

SHOT OR TREATED



CONTRACTOR **Murfin Drilling Company**

ISSUED

CASING

ELEVATION **1894' K.B.**

20

10

15

**8 5/8" @ 272' w/150 sxs.**

12

6

13

5

PRODUCTION **D & A**

FIGURES INDICATE BOTTOM OF FORMATIONS

272 Surface Hole  
 740 Red Bed Shale Shells  
 765 Anhydrite  
 1000 Shells Shale  
 1230 Salt Shale Shells  
 1660 Shale Lime  
 1670 Lime  
 2350 Lime Shale  
 2415 Sand  
 2864 Lime Shale  
 2950 Lime  
 3070 Lime Shale  
 3120 Lime  
 3215 Lime Shale  
 3255 Lime  
 3345 Lime Shale  
 3368 Arbuckle Lime  
 3437 Lime

**LOG TOPS:**

Heebner 2946  
 Toronto 2964  
 Douglas Shale 2976  
 Brown Lime 3043  
 Landing 3057  
 Base Kansas City 3310  
 Cherty Conglomerate 3332  
 Arbuckle 3360  
 Reagan 3423

DST #1 3358-68

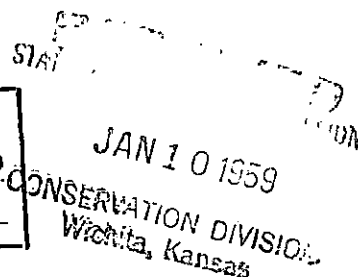
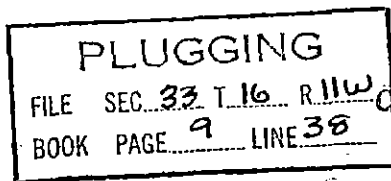
Open 1 hour, Recovered 320' mud.  
 Tool plugged, set packer 4 times.

DST #2 3360-68

Rec. 245' Mud, Packer 2 Times.  
 IF 0#. FF 0#. BHP 955#, 20 min.

DST #3 3368-86

Open 1 hour, Recovered 500' sulfer  
 water. IF 0#. FF 235#. BHP 840#,  
 20 Min.



State of Kansas  
 County of Sedgwick } ss:

I, Fred Murfin of the Murfin Drilling Company

upon oath state that the above and foregoing is a true and correct copy of the log of the Harzman #1 well.

*Fred Murfin*  
 \_\_\_\_\_

Subscribed and sworn to before me this 9th day of January 19 59.

My Commission Expires: March 23, 1960

*Donna M. Matzek*  
 \_\_\_\_\_  
 NOTARY PUBLIC  
 Donna M. Matzek