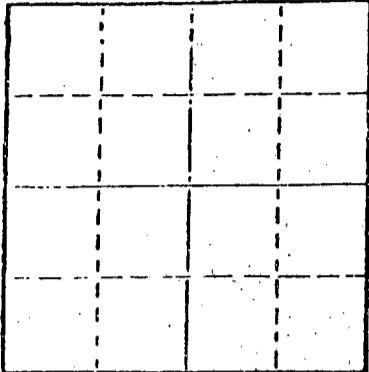


15-163-21305-00-00

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 Plat

Rooks County. Sec. 13 Twp. 10S Rge. 16WE/W  
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines  
SE NE SW E $\frac{1}{2}$  SW $\frac{1}{4}$

Lease Owner John J. Darrah, Jr.  
Lease Name Hogan Well No. 1  
Office Address 405 Century Plaza Bldg., Wichita, KS 67202  
Character of Well (Completed as Oil, Gas or Dry Hole)  
Dry Hole

Date Well completed 5-10-81 19  
Application for plugging filed 5-10-81 19  
Application for plugging approved 5-10-81 19  
Plugging commenced 5-10-81 19  
Plugging completed 5-10-81 19  
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 Marion Schmidt, Hays, KS  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3640'  
Show depth and thickness of all water, oil and gas formations.

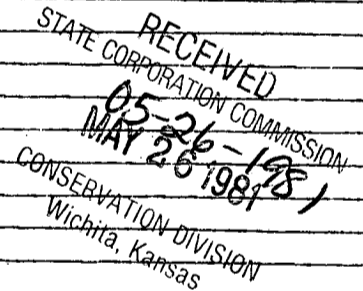
OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8-5/8"	30'	

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 @ 720' w/65 sx.  
2nd plug @ 330' w/30 sx.  
3rd plug @ 40' w/10 sx.  
5 sx. in rat hole



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

Name of Plugging Contractor Murfin Drilling Company

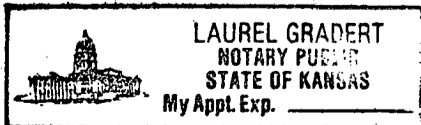
STATE OF KANSAS COUNTY OF SEDGWICK, ss.  
David L. Murfin, Drlg. Mgr. (employee of owner) or (owner or operator)  
of the above-described well, being first duly sworn on oath, says: That I have knowledge of  
the facts, statements, and matters herein contained and the log of the above-described well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

(Signature) David L. Murfin  
David L. Murfin, Drlg. Mgr.

SUBSCRIBED AND SWORN TO before me this 21st day of May, 19 81

Laurel Gradert  
Laurel Gradert Notary Public.

My commission expires 12-19-84



WELL LOG

15-163 - 21305 - 00-00

COMPANY John J. Darrah, Jr.

SEC. 13 T. 10S R. 16W  
LOC. SE NE SW

FARM Hogan NO. 1

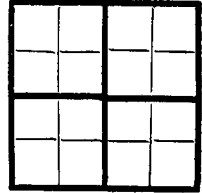
RIG. NO. 15

TOTAL DEPTH 3640'

COMM. 5-2-81

COMP. 5-10-81

COUNTY Rooks  
KANSAS



CONTRACTOR Murfin Drilling Company

CASINO

20 10  
15 8 -5/8" csg. set @ 301' w/190 sx. Quickset  
12 6  
13 5

ELEVATION  
PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

935' shale & sand  
1212' shale  
1247' anhydrite  
2035' shale  
3577' shale & lime  
3640' lime-arbuckle-RTD

RECEIVED  
STATE CORPORATION COMMISSION  
MAY 26 1981  
05-26-1981  
CONSERVATION DIVISION  
Wichita, Kansas

State of KANSAS  
County of SEDGWICK } ss:

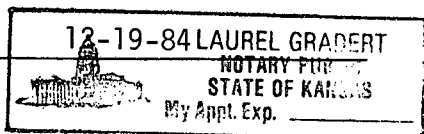
I, David L. Murfin, Drlg. Mgr. of the Murfin Drilling Company

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

*David L. Murfin*  
David L. Murfin, Drlg. Mgr.

Subscribed and sworn to before me this 21st day of May 19 81

My Commission Expires:



*Laurel Gradert*  
Laurel Gradert NOTARY PUBLIC