

STATE OF KANSAS
 STATE CORPORATION COMMISSION
 203 Colorado Derby Building
 Wichita, Kansas 67202

WELL PLUGGING RECORD
 K.A.R.-82-3-117

15-163-01446-00-01

API NUMBER comp 1 5/62

LEASE NAME Hrabe A

WELL NUMBER 1

2310 Ft. from S Section Line

4950 Ft. from E Section Line

SEC. 1 TWP. 9 RGE. 17W (E) or (W)

COUNTY Rooks

Date Well Completed 5/62

Plugging Commenced 1/30/90

Plugging Completed 1/30/90

TYPE OR PRINT
 NOTICE: Fill out completely
 and return to Cons. Div.
 office within 30 days.

LEASE OPERATOR Murfin Drilling Company

ADDRESS 250 N. Water, Suite 300; Wichita, KS 67202

PHONE# () 267-3241 OPERATORS LICENSE NO. 6033

Character of Well oil

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on _____ (date)

by _____ (KCC District Agent's Name).

Is ACO-1 filed? -- If not, is well log attached? --

Producing Formation LKC Depth to Top 3124 Bottom 3334 T.D. 3417

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"	158'	-0-
				5 1/2"	3414'	-0-

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 each set. Perf 1300' & 750'. Pumped down 5 1/2" csg. w/350 sx. 65/35 Pozmix w/10% gel, 1/4#/sx Flo-cel & 5 sx. hulls. MP 300 psig, ISIP 100 psig. Press down 8 5/8" csg. to 900 psig, held. ISIP 900 psig. JC 11:15 a.m. 1/30/90. Witness & approved by Dennis Hamel. 2/1/90 Tag cmt 194' f/s. 2/6/90 Filled csg. to surface w/20 sx cmt. Cut & capped csg.

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

Name of Plugging Contractor Murfin Drilling Company License No. 6033

Address Wichita, KS

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Murfin Drilling Company

STATE OF KS COUNTY OF SG, ss.

Larry M. Jack, Production Manager (Employee of Operator) or (Operator) of 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 that the same are true and correct, so help me God.

(Signature) By: Larry M Jack

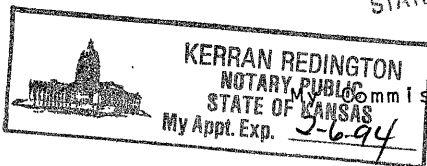
(Address) Wichita, KS

SUBSCRIBED AND SWORN TO before me this 16 day of February, 1990

RECEIVED
 FEB 19 1990

My Commission Expires 2/6/94
 Conservation Division
 Wichita, Kansas
 2/19/90

Kerran Redington
 Notary Public



WELL LOG

15-163-01466-00-00

COMPANY **R. A. Comeau - Murfin Drilling Company** SEC. **1 T. 9S R. 17W**
 FARM **W. H. HRABE NO. One** LOC. **NW NW SW**

TOTAL DEPTH **3417'** COUNTRY **Rooks**
 COMM. **5/21/62** COMP. **5/31/62** **KANSAS**
 SHOT OR TREATED **No**
 CONTRACTOR **Murfin Drilling Company**
 ISSUED

Rooks	
KANSAS	

CASING
 20 10 **5/8" @ 158' with 150 Sacks cement** ELEVATION **1988' KB**
 15 8
 12 6
 13 5 **1/2" @ 3414'** PRODUCTION **Oil**

FIGURES INDICATE BOTTOM OF FORMATIONS

- 95' Post Rock
- 158' Shale
- 515' Shale & Red Bed
- 725' Sand
- 1100' Shale & Red Bed
- 1262' Red Bed & Shale
- 1298' Anhydrite
- 1610' Shale - Shells
- 1700' Shale + Salt
- 1825' Shale - Lime
- 2560' Lime & Shale
- 2930' shale & Lime
- 3025' Lime & Shale
- 3080' Lime
- 3083' Heebner Shale
- 3294' Lime
- 3417' Lime & Shale
- 3417' Total Depth (Rotary)

FORMATION TOPS:

- Anhydrite 1262'
- Base/Anhydrite 1298'
- Topena 2867'
- Heebner 3080'
- Torcato 3101'
- Lansing/Kansas City 3122'
- Base/Kansas City 3344'
- Arbuckle 3413'
- Total Depth 3417'

DST #1 3022'-3084' Open 1 hr. Recovered 30' mud. IF 0% FF 0% IBHP 805#/20 min. FBHP 730#/20 min.

DST #2 3085'-3117' Open 30 min. Recovered 5' mud. All pressures 0%

DST #3 3110'-3175' Open 30 min. Recovered 126' mud. IF 0% FF 0% IBHP 840#/20 min. FBHP 565#/20 min.

DST #4 3170'-3220' Open 1 hr. Recovered 300' gas, 390' oil cut mud, 180' gas & mud cut oil. IF 0% FF 120% IBHP 680#/30 min. FBHP 620#/30 min.

DST #5 3218'-3240' Open 30 min. Recovered 15' mud with amount of oil. IF 0% FF 0% IBHP 280#/20 min. FBHP 270#/20 min.

1/4/90
 RECEIVED
 STATE CORPORATION COMMISSION
 JAN 4 1990
 CONSERVATION DIVISION
 Wichita, Kansas

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 W. H. HRABE #1 well.

Subscribed and sworn to before me this 15th day of June 19 62

My Commission Expires: June 14, 1964

Mary Ellen Blaine
 NOTARY PUBLIC