

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

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

15735-20041-0000

API NUMBER N/A

LEASE NAME Harkness Unit

WELL NUMBER "A" #2

1980 Ft. from S Section Line

4620 Ft. from E Section Line

SEC. 4 TWP. 17S RGE. 23 (E) or (W)

COUNTY Ness

Date Well Completed 7/67

Plugging Commenced 6/27/90

Plugging Completed 6/28/90

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

EASE OPERATOR Murfin Drilling Company

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

PHONE# (316) 267-3241 OPERATORS LICENSE NO. 6033

Character of Well oil well

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

The plugging proposal was approved on 6/90 (date)

by Dan Goodrow (Dodge City) (KCC District Agent's Name).

Is ACO-1 filed? No If not, is well log attached? Yes

Producing Formation Mississippi Depth to Top 4419 Bottom 4442 T.D. 4442

How 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
5/02/84 Squeezed	@ 3511' w/50 sx			5 1/2"	4420'	
5/03/84 Squeezed	@ 2663' w/110 sx			8 5/8"	306'	
5/04/84 Squeezed	@ 1337' w/150 sx					

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.

6/27/90 - Dumped 10 sx sand dwn csg.
6/28/90 Perf @ 1050'. Pumped dwn 5 1/2" csg as follows: 180 sx 60/40 Poz w/6% gel. Max press 400 psig; SIP 100 psig. Pumped dwn 8 5/8" x 5 1/2" annulus as follows: 150 sx 60/40 Poz w/6% gel. Max press 300 psig; SIP 150 psig. Filled to surf w/3 yrds Redi-mix. Approved
 (If additional description is necessary, use BACK of this form.)

by Dan Goodrow w/KCC.

Name of Plugging Contractor Murfin Drilling Company License No. 6033

Address 250 N. Water, Suite 300 Wichita, KS 67202

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Murfin Drilling Co.

STATE OF KS COUNTY OF Sedgwick, 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
 STATE CORPORATION COMMISSION (Address) Wichita, KS

SUBSCRIBED AND SWORN TO before me this 4 day of Sept., 19 90



Kerran Redington Notary Public

DRILLERS LOG

MURFIN DRILLING COMPANY
 #2 Harkness
 150' s C NW SW Section 4-17-23W
 Ness County, Kansas

Contractor: Dunne-Gardner Petroleum, Inc.


Commenced: July 1, 1967
 Completed: July 12, 1967

Casing Record: 8-5/8" @ 306' w/225 sx
 5-1/2" @ 4420' w/100 sx

<u>FROM</u>	<u>TO</u>	
0	50	Sand, clay
50	306	Clay & shale
306	352	Shale
352	1240	Shale, sand, chalk
1240	1870	Shale & Red Bed
1870	2400	Shale & shells
2400	2795	Shale & lime
2795	2895	Lime
2895	3315	Lime & shale
3315	3375	Shale
3375	3520	Lime & shale
3520	3665	Broken lime
3665	4425	Lime
4425		RTD

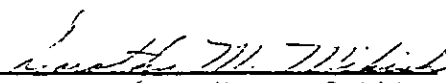
STATE OF KANSAS)
) ss
 COUNTY OF SEDGWICK)

I hereby certify that the above is a true and correct log to the best of my knowledge and belief.

DUNNE-GARDNER PETROLEUM, INC.

 Don Gardner

Subscribed and sworn to before me this 31st day of July, 1967.

My commission expires 3-1-70


 Notary Public

RECEIVED
 STATE OF KANSAS
 NOTARY PUBLIC COMMISSION

SEP 6 1967

COURT CLERK
 WICHITA, KANSAS