

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

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

15135 20170 0000

API NUMBER N/A

LEASE NAME Harkness Unit

WELL NUMBER "A" #3

660 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 9/68

Plugging Commenced 6/28/90

Plugging Completed 6/28/90

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# (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 4432 Bottom 4445 T.D. 4445

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
				5 1/2	4432	
				8 5/8	318	

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 are used, state the character of same and depth placed, from feet to feet each set.

Perf @ 1050'. Pumped 75 sx 60/40 Poz w/6% gel dwn 5 1/2" csg and circ out of 8 5/8 and 5 1/2" annulus. SI annulus and pumped another 255 sx cement (same mix) dwn 5 1/2" csg. Max press = 350 psig; SIP 200 psig. Approved by Dan Goodrow w/KCC.
(If additional description is necessary, use BACK of this form.)

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 Company

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.

RECEIVED (Signature) By: Larry M. Jack
STATE CORPORATION COMMISSION
9-6-90 (Address) Wichita, KS

AND SWORN TO before me this 4 day of Sept., 19 90
KERRAN REDINGTON
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 2-6-94
Kerran Redington Notary Public
My Commission Expires: 2/6/94

WELL LOG

15735-20170-0000

COMPANY Murfin Drilling Co.

SEC. 4 T. 17S R. 23W
LOC. C SW SW

FARM Harkness NO. 3

RIG. NO. 2

TOTAL DEPTH 4441'

COMM. 7/27/68

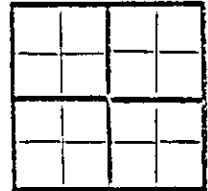
COMP. 8/6/68

SHOT OR TREATED

CONTRACTOR

ISSUED

COUNTRY Ness
KANSAS



CASING

LC 10
11 c 5/8" w/200 sts. Sunset
12
13

ELEVATION

PRODUCTION oil

FIGURES INDICATE FEET OF FORMATIONS

35	Clay & Post Rock
398	Sand & shale
650	Shale
1558	Shale, Red Bed & Sand
1757	Red Bed
1788	Anhydrite
1830	Shale-shells
2200	Shale & shells
2515	Shale & shells
2689	Shale & lime
2850	Lime & shale
3040	Lime & shale
3225	Lime & shale
3346	Lime & shale
3481	Lime & shale
3615	Lime & shale
3732	Lime & shale
3865	Lime & shale
3960	Lime & shale
3996	Lime
4085	Lime
4150	Lime
4210	Lime
4262	Lime & chert
4320	Lime
4344	Lime
4360	Lime
4430	Lime
4445	Lime & chert

RECEIVED
STATE COMMISSION

SEP 6 1968

COURT HOUSE BUILDING
Topeka, Kansas

State of Kansas }
County of Sedgwick }

I, James R. Daniels of the Murfin Drilling Company

upon oath state that the above and foregoing is a true and correct copy of the log of the Harkness #3 well.

Subscribed and sworn to before me this 18th day of October 1968

My Commission Expires NOV 1 1970
ADELA MIZENER, Notary Public
My commission expires November 5, 1970

James R. Daniels
Adela Mizener
NOTARY PUBLIC

