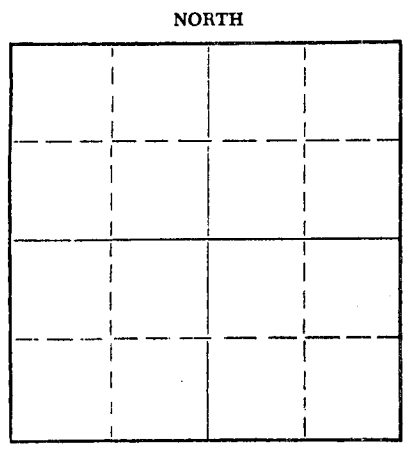


WELL PLUGGING RECORD

Give All Information Completely Make Required Affidavit Mail or Deliver Report to: Conservation Division State Corporation Commission 211 No. Broadway Wichita, Kansas

Ellis County, Sec. 10 Twp. 13 Rge. 17 (E) (W) Location as "NE/CNWxSWx" or footage from lines SE NE NW Lease Owner Murfin Drilling Company Lease Name Karlin Well No. 1 Office Address 617 Union Center Bldg., Wichita, Kansas Character of Well (completed as Oil, Gas or Dry Hole) Oil Date well completed 1/8/60 Application for plugging filed 10/12/60 Application for plugging approved yes Plugging commenced 10/13/60 Plugging completed 10/13/60 Reason for abandonment of well or producing formation No longer producing in commercial quantities. If a producing well is abandoned, date of last production 1/ 10/12/60 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 Eldon Petty Producing formation Arbuckle Depth to top Bottom Total Depth of Well 3642 Feet Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Table with columns: FORMATION, CONTENT, FROM, TO, SIZE, PUT IN, PULLED OUT. Contains entries for 8-5/8" and 5-1/2" casing sizes.

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.

Mixed and pumped in 40 sx gel mud. Put in plug. Mixed and pumped in 60 sx. cement from 480' to base cellar. Pumped by Sun Cementing Co.

RECEIVED STATE CORPORATION COMMISSION 6-6-62 JUL 6 1962 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 Bldg., Wichita, Kansas

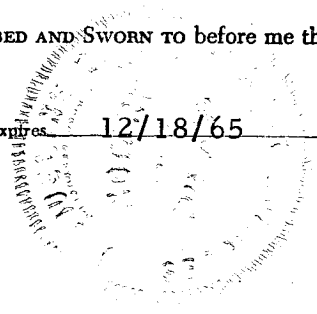
STATE OF SEDGWICK COUNTY OF KANSAS, ss. Fred Murfin (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the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

(Signature) Fred Murfin 617 Union Center Bldg., Wichita, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 4th day of June, 1962

My commission expires 12/18/65

Jacqueline Zinn Notary Public.



15-051-19296-0000

# WELL LOG

COMPANY Murfin - Rains and Williamson

SEC. 10 T. 13 R. 17W

FARM Karlin

NO. 1

LOC. SE NE NW

TOTAL DEPTH 3642

COMM. 12/30/59

COMP. 1/8/60

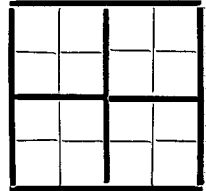
COUNTRY Ellis

KANSAS

SHOT OR TREATED

CONTRACTOR Murfin Drilling

ISSUED



CASING

20 10  
 15 8 - 5/8" @ 160' w/130 SX.  
 12 6  
 13 5 - 1/2" @ 3640' w/75 SX.

ELEVATION 2024 KB

n 2021 DF

PRODUCTION 2019 GL

FIGURES INDICATE BOTTOM OF FORMATIONS

160 12 1/4" Surface Hole  
 325 Shale-shells  
 420 Shale-sand  
 560 Sand  
 870 Shale shells  
 1190 Red bed shale  
 1230 Anhydrite  
 1250 Shale  
 1590 Red Rock - shale-shells  
 1830 Salt-shells  
 1860 Shale-lime shells  
 2050 Shale-lime  
 3277 Lime-shale  
 3325 Lime (L. K. C.)  
 3490 Lime  
 3535 Lime & shale  
 3594 Arb. - Lime  
 3631 Arbuckle  
 3642 R. T. D.

### Geological Toper:

Topeka 2998-974  
 Heebner 3241-1217  
 Toronto 3260-1236  
 Lans/K. C. 3288-1264  
 Base/K. C. 3519-1495  
 Arbuckle 3546-1522

DST #1 - 3294-3336 - Open 1 hr.  
 Rec'd. 5' mud. IF 0#, FF 0#,  
 BHP 0#/20 minutes.

DST #2 - 3349-3391 - Open 1 hr.  
 Rec'd. 40' very slightly oil cut mud.  
 IF 0#, FF 0#, BHP 280#/20 min.

DST #3 - 3519-3551 - 3519-3551.  
 Open 1 hr. Rec'd. 20' mud. IF 0#,  
 FF 0#, BHP 0#/20 min.

DST #4 - 3549-61. Open 1 hr. Rec'd  
 30' very slightly oil cut mud. IF 0#,  
 FF 0#, BHP 0#/20min.

DST #5 - 3561-91. Open 1 hr. Rec'd.  
 214' heavily oil and gas cut mud, 540'  
 mud and gas cut oil, 480' gas cut oil and  
 60' water. IF 100#, FF 500#, BHP 760#  
 20 minutes.

DST #6 - 3592-3605. Open 1 hr. Rec'd  
 1210' salt water. IF 0#, ff 500#, BHP 800#  
 #/20 minutes.

**RECEIVED**  
 STATE CORPORATION COMMISSION  
 JUN 6 1962  
 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 Karlin #1 well.

Subscribed and sworn to before me this 4th day of June 1962

My Commission Expires: 12/18/68 65

Fred Murfin  
Jacqueline Zinn  
 NOTARY PUBLIC