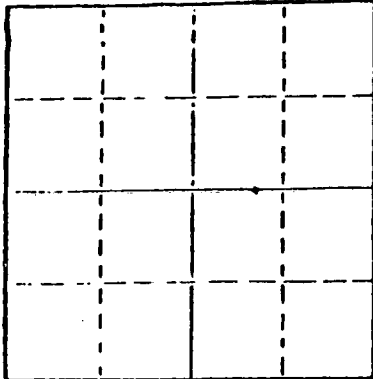


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Rooks County, Sec. 20 Twp. 10S Rge. 19 E/W
Location as "NE/CNW 1/4 SW 1/4" or footage from lines
370' fsl & 660' FEL of SW/4
Lease Owner Murfin Drilling Company
Lease Name BERLAND Well No. 1
Office Address 617 Union Center, Wichita, KS 67202
Character of Well (Completed as Oil, Gas or Dry Hole) Dry Hole



Locate well correctly on above
Section Plat

Date Well completed June 20 1978
Application for plugging filed June 20 1978
Application for plugging approved June 20 1978
Plugging commenced June 20 1978
Plugging completed June 20 1978
Reason for abandonment of well or producing formation _____

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 Leo Massey
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3774'
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"	216'	-----

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 @ 600' w/70 sx, 50-50 posmix, 6% gel
2nd plug @ 215' w/20 sx, 50-50 posmix, 6% gel
3rd plug @ 40' w/20 sx, 50-50 posmix, 6% gel

RECEIVED
STATE CORPORATION COMMISSION
7-17-78
JUL 17 1978
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Murfin Drilling Company

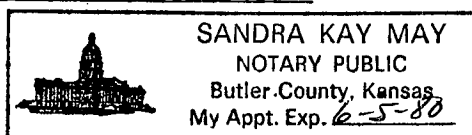
STATE OF KANSAS COUNTY OF SEDGWICK, ss.
Larry M. Jack, Engineer (employee of owner) or (owner or operator)
of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and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

(Signature) Larry M. Jack
Larry M. Jack, Engineer
617 Union Center, Wichita, KS 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 14th day of July, 1978

Sandra Kay May
Sandra Kay May, Notary Public.

My commission expires _____



15-163-20823-0000

WELL LOG

COMPANY Murfin Drilling Company

SEC. 20 T. 10S R. 19W
LOC. 370' fsl & 660' FEL of SW/4

FARM BERLAND NO. 1

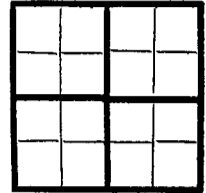
RIG. NO. 15

TOTAL DEPTH 3774'

COUNTY Rooks KANSAS

COMM. June 12, 1978

COMP. June 20, 1978



CONTRACTOR Murfin Drilling Company

CASING

20	10
15	8 -5/8" @ 216' w/165 sx.
12	6
13	5

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

35'	Surface soils
70'	Sand
160'	Clay, Gray Shale
216'	Blue Shale
905'	Shale
1075'	Shale & Sand
1280'	Sand
1599'	Shale (Red Beds)
1637'	Anhydrite
2425'	Shale
3385'	Shale & Lime
3470'	Lime & Shale
3770'	Lime
3774'	Lime & Chert RTD

STATE OF KANSAS
 JUL 17 1978
 COUNTY OF SEDGWICK
 NOTARY PUBLIC

State of KANSAS
 County of SEDGWICK } ss:

I, Larry M. Jack of the Murfin Drilling Company

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

Larry M. Jack
 Larry M. Jack, Engineer

Subscribed and sworn to before me this 14th day of July 19 78

My Commission Expires:

SANDRA KAY MAY
 NOTARY PUBLIC
 Butler County, Kansas
 My Appt. Exp. 6-5-80

Sandra Kay May
 NOTARY PUBLIC
 Sandra Kay May