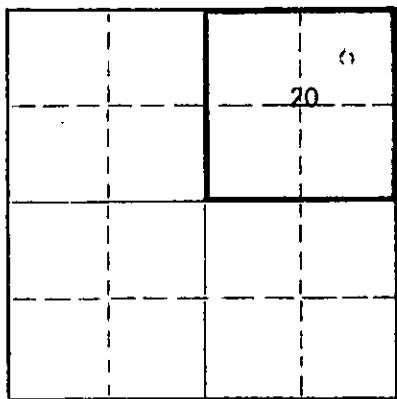


WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 North Market, Insurance Bldg.
Wichita, Kansas

Wichita County, Sec. 20 Twp. 20A Rge. (E) 36 (W)

NORTH



Locate well correctly on above Section Plat

Location as "NE/CNWXSWX" or footage from lines Center NE/4
Lease Owner Union Oil Co. of California
Lease Name H. W. Kuhlman Well No. 1-20
Office Address 7th Floor So. Bldg. 2000 Classen Center, Okla. City, Okla.
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed June 12 1967
Application for plugging filed June 20 1967
Application for plugging approved Verbal 6-12-67 19
Plugging commenced 6-13-67 19
Plugging completed 6-14-67 19
Reason for abandonment of well or producing formation Dry Hole

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 W. L. Nichols - Mooreland, Kansas
Producing formation - Depth to top - Bottom - Total Depth of Well 5038' Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

| FORMATION | CONTENT | SIZE | PUT IN | PULLED OUT |
|-----------|---------|------|--------|------------|
| - | - | 5/8" | 362' | -0- |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

RECEIVED
STATE CORPORATION COMMISSION
JUN 21 1967
CONSERVATION DIVISION
Wichita, Kansas

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.

Loaded hole w/Heavy mud from 5038' to 750'. Spotted 75 sx. cmt. plug from 750' to 500'
loaded hole w/heavy mud from 500' to 400', spotted 25 sx. cmt plug from 400' to 350'
cut off casing head and welded on steel cap.

Surface casing was given to land owner for future fresh water well. Land owner signed release. Job completed @ 11:45 AM 6-14-67.

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

Name of Plugging Contractor Murfin Drilling Co.
Address Wichita, Kansas

STATE OF Oklahoma, COUNTY OF Oklahoma, ss.
L. W. Henshaw Jr. (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) L. W. Henshaw Jr. Dist. Drlg. Supt.
Oklahoma City, Okla.
(Address)

SUBSCRIBED AND SWORN TO before me this 20th day of June, 1967

My commission expires 4-14-68 [Signature] Notary Public.



WELL LOG

COMPANY Union Oil Company of California

SEC. 20 T. 20S R. 36W
 LOC. 1320' FNL, 1320' FEL

FARM KUHLMAN NO. 1-20

RIG. NO. 2
 TOTAL DEPTH 5038'
 COMM. 5-27-67 COMP. 6-14-67
 SHOT OR TREATED
 CONTRACTOR Murfin Drilling Company
 ISSUED

County ~~Wichita-Kansas~~
 COUNTY ~~Wichita-Kansas~~
 KANSAS



CASING
 20 10
 15 8 5/8" @ 359' w/215
 12 6
 13 5

ELEVATION 3262 KB
 PRODUCTION D & A

FIGURES INDICATE BOTTOM OF FORMATIONS

- 750 Shale
- 1460 Shale & Sand
- 1485 Shale Red Bed
- 1500 Anhydrite
- 1850 Shale
- 2000 Sand Stone - Shale
- 2268 Red Bed
- 2286 Anhydrite
- 2545 Shale
- 2690 Shale - Lime - Pyrite
- 3170 Shale-Lime
- 3285 Shale - Lime - Chert
- 4000 Lime
- 4260 Lime-Shale
- 4809 Lime
- 4887 Lime-Shale
- 4945 Lime-Shale-Sand
- 5015 Lime-Shale
- 5030 Lime
- 5038 Miss Lime

RECEIVED
 STATE CORPORATION COMMISSIONER

JUL 17 1967
 07-17-1967
 REGISTRATION DIVISION
 Wichita, Kansas

State of KANSAS }
 County of SEDGWICK } ss:

I, W. R. 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 KUHLMAN #1-20 well.

W. R. Murfin
 W. R. Murfin

Subscribed and sworn to before me this 12th day of July 1967

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

Adela Mizener
 NOTARY PUBLIC

15-203-20001-00-00

RECEIVED
STATE CONSERVATION COMMISSION

UNION OIL COMPANY OF CALIFORNIA
NO. 1-20 W. H. KUHLMAN
.1320' FNL & 1320' FEL SECTION 20-20S-36W JUN 21 1967
WHITE WOMAN CREEK PROSPECT
WICHITA COUNTY, KANSAS

CONSERVATION DIVISION
WICHITA, Kansas

DRILLING STARTED: 5-27-67 DRILLING FINISHED: 6-13-67 WELL COMPLETED 6-14-67

TYPE OF WELL: Dry Hole DRILLING CONTRACTOR: Murfin Drlg. Co. TYPE RIG: Rotary

FORMATION RECORD

| | |
|------------------------|-----------------------|
| Soil and sand | Surface-125 feet |
| Yellow clay | 125-132 feet |
| Limestone | 132-208 feet |
| Blue clay | 208-450 feet |
| Limestone and clay | 450-608 feet |
| Sand and clay | 608-1,000 feet |
| Lime and sand | 1,000-1,050 feet |
| Red bed | 1,050-1,480 feet |
| Salt and anhydrite | 1,480-1,880 feet |
| Red bed | 1,880-2,200 feet |
| Salt and anhydrite | 2,200-2,300 feet |
| Red bed | 2,300-2,500 feet |
| Anhydrite and shale | 2,500-2,700 feet |
| Limestone and red bed | 2,700-2,960 feet |
| Red and gray shale | 2,960-3,100 feet |
| Limestone | 3,100-3,250 feet |
| Limestone and chert | 3,250-3,350 feet |
| Limestone | 3,350-3,800 feet |
| Limestone and chert | 3,800-3,905 feet |
| Limestone and dolomite | 3,905-4,000 feet |
| Limestone and chert | 4,000-4,150 feet |
| Limestone and chert | 4,150-4,560 feet |
| Red and gray shale | 4,560-4,575 feet |
| Limestone and chert | 4,575-4,850 feet |
| Shale and sand | 4,850-4,960 feet |
| Sandy lime and sand | 4,960-5,038 feet T.D. |