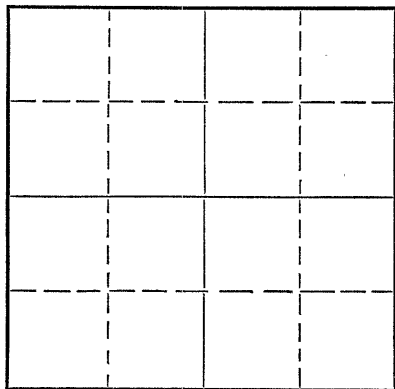


WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bitting Building
Wichita, Kansas

NORTH



Locate well correctly on above
Section Plat

Norton County. Sec. 14 Twp. 4 Rge. 21 (#/)(W)
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines NE NE NW
Lease Owner Empire Drilling Company and Vernon Oil & Gas Co.
Lease Name Cooley Well No. 1
Office Address 1121 Union Natl. Bank Bldg., Wichita, Kans.
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed 12-10-51
Application for plugging filed " 19
Application for plugging approved " 19
Plugging commenced " 19
Plugging completed " 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 Elden Petty
Producing formation Depth to top Bottom Total Depth of Well 3727' Feet
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
Surface	Pipe	0	163'	8-5/8"	163'	0

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.

Plug at 150'. 1/2 sack of hulls and 15 sacks cement. Filled hole with mud to 40'. Set plug with 1/2 sack of hulls and 10 sacks cement to top.

RECEIVED
STATE CORPORATION COMMISSION
DEC 18 1951
12-18-51

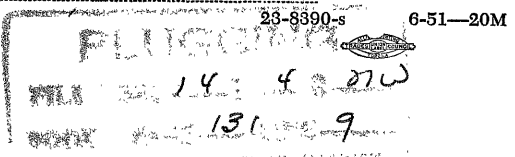
(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Empire Drilling Company
Address 1121 Union National Bank Bldg., Wichita, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.
Dan J. Kornfeld (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. Empire Drilling Company
(Signature) By: Dan J. Kornfeld
1121 Union Natl. Bank Bldg. (Address)

SUBSCRIBED AND SWORN to before me this 14th day of December, 1951

Evelyn V. North
Notary Public.

My commission expires Dec. 22, 1954.



COMPANY: EMPIRE DRILLING COMPANY
and
VERNON OIL & GAS COMPANY

CONTRACTOR: EMPIRE DRILLING COMPANY

FARM: Cooley No. 1

LOCATION: NE NE NW 14-4-21W
Norton County, Kansas

COMMENCED: November 30, 1951

COMPLETED: December 10, 1951

0	to	100	Shale and shells
100	to	130	Sand and shale
130	to	320	Shale and shells
320	to	403	Shale and shells
403	to	1040	Shale and shells
1040	to	1375	Shale, sand and shells
1375	to	1490	Sand
1490	to	1790	Shale and shells
1790	to	1835	Shale
1835	to	1860	ANHYDRITE
1860	to	2030	Lime and shale
2030	to	2160	Shale and lime
2160	to	2735	Shale and shells
2735	to	3145	Shale and lime
3145	to	3235	Shale and shells
3235	to	3315	Shale and lime
3315	to	3410	Shale and lime
3410	to	3565	Lime
3565	to	3590	Lime and shale
3590	to	3644	Shale
3644	to	3695	Shale and lime T. D. 3727'

Set 163 ft. of 8-5/8" surface pipe. Cemented with 125 sacks bulk cement.

TOPS: Anhydrite 1835', Topeka 3207', Heebner 3375', Toronto 3396',
Lansing-Kansas City 3412', Marmaton 3608', Arbuckle 3677'.
Total depth 3727'.

All measurements taken from rotary bushings.

ELEVATION: 2169', derrick floor.

DRY.

C E R T I F I C A T E

I, Dan J. Kornfeld, do hereby certify that the above and foregoing is a true and correct copy of the log of the Cooley #1 well in Section 14, Township 4S, Range 21W, Norton County, Kansas, as reflected by files of the Empire Drilling Company.

Dan J. Kornfeld

Subscribed and sworn to before me, a Notary Public, within and for Sedgwick County, Kansas, on the 14th day of December, 1951.

Evelyn V. North

My commission expires Dec. 22, 1954.

PLUGGING
 WELL SEC. 14 T. 4 S. R. 21 W.
 BOOK PAGE 131 LINE 9

12-18-51