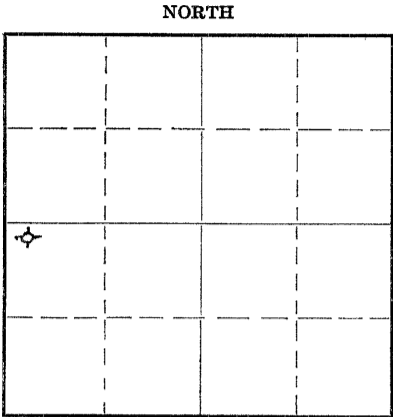


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

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

Roofs County. Sec. 6 Twp. 9S Rge. 18 (E) 18 (W)
SW NW SW



Locate well correctly on above
Section Plat

Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
Lease Owner National Cooperative Refinery Assn., et al
Lease Name Havlan Well No. 1
Office Address Union National Bank Bldg.; Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry
Date well completed 7/30 19 49
Application for plugging filed 7/30 19 49
Application for plugging approved 7/30 19 49
Plugging commenced 7/30 19 49
Plugging completed 7/30 19 49
Reason for abandonment of well or producing formation Dry

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 E. K. Petty
Producing formation Depth to top Bottom Total Depth of Well 3510 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
				<u>8-5/8"</u>	<u>195'</u>	<u>---</u>

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.

Filled hole with heavy mud to 200 ft. Set wooden plug at 200 ft.
Mixed and dumped 15 sax of cement on plug. Filled hole with
heavy mud to 25 ft. Set wooden plug. Mixed and dumped 10 sax
cement on plug.

8/24/49

(If additional description is necessary, use BACK of this sheet)
Correspondence regarding this well should be addressed to Brunson Drilling Company, Inc.
Address 333 First National Bank Bldg.; Wichita, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.
Wm. S. Brunson (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. BRUNSON DRILLING COMPANY, Inc.
(Signature) By William S. Brunson
333 First National Bank Bldg.; Wichita, (Address) Kansas

SUBSCRIBED AND SWORN TO before me this 3rd day of August, 19 49

My commission expires September 10, 1951. John C. Retzler Notary Public.

92-5199 s 9-48-10M
PLUGGING
FILE SEC 4-9-10W
BOOK PAGE 107 LINE 45

15-163-00199-00-00

NATIONAL COOPERATIVE REFINERY ASSN. et al
Union National Bank Bldg.
Wichita, Kansas

HAVLAS #1

NW NW SW Sec. 4-9S-18W
Rooks County, Kansas

Commenced RD : 7/20/49 Elevation : 2021' DF
Completed RD : 7/30/49 Initial Prod : Dry
Total Depth : 3518 Contractor : BRUNSON DRILG. CO., Inc.

Casing : 195' - 8-5/8" OD 8 rd the 24# smls.

STRATA	DEPTH	TOPS - DF	
Surface soil & clay	10		
Rock & shale	105		
Sand	140		
Shale & shells	580	Heebner	3165
Sand	618	Lansing	3205
Shale & sand	670	Detrital zone	3348
Shale	870	Arbuckle	3502
Shale & shells	930		
Sand	1110		
Redbed & shale	1442		
Anhydrite	1478		
Shale & shells	1900		
Salt & shale	2045		
Shale & shells	2160		
Shale & lime	2215		
Lime	2275		
Shale & lime	2775		
Lime & shale	2820		
Lime	2990		
Broken lime	3065		
Lime & shale	3173		
Lime	3369		
Lime & shale	3433		
Lime	3518		
Total Depth	3518		

RECEIVED

I hereby certify that the above is a true and correct copy of said well as reflected by the daily drilling reports. 8/24/49 of 406.2 4/1949

BRUNSON DRILLING COMPANY, INC.
By

William S. Brunson
Wm. S. Brunson, Sec.

Signed and sworn to in my presence this 4th day of August, 1949, by Wm. S. Brunson, secretary of the Brunson Drilling Company, Inc., a corporation in the State of Kansas.

John E. Retzlaff
Notary Public

My commission expires September 10, 1951.

PLUGGING
FILE SEC 4-9-18W
107-45