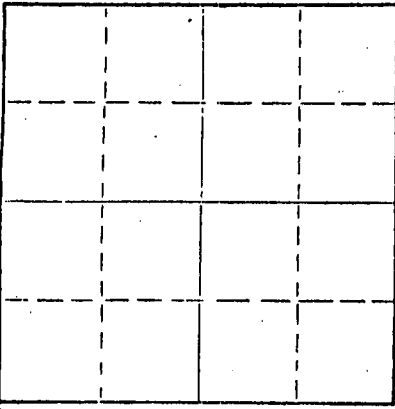


Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
P. O. Box 17027  
Wichita, Kansas 67217  
NORTH

WELL PLUGGING RECORD



Locate well correctly on above  
Section Plat

Gove County, Sec. 17 Twp. 11S Rge. (E) 31 (W)  
Location as "NE/CNWxSWx" or footage from lines S/2 S/2 SE/4  
Lease Owner Chief Drilling Co., Inc.  
Lease Name Engel Well No. #1  
Office Address 905 Century Plaza, Wichita, Ks. 67202  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed Oct. 6, 1977 19  
Application for plugging filed Oct. 6, 1977 19  
Application for plugging approved Oct. 6, 1977 19  
Plugging commenced Oct. 6, 1977 19  
Plugging completed Oct. 6, 1977 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  
Producing formation Depth to top Bottom Total Depth of Well 4610' 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
		0	296'	8 5/8"		

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.

Plugged through drill pipe @ 1750' w/70 sx.  
Plugged through drill pipe @ 240' w/20 sx.  
Plugged through drill pipe @ 40' w/10 sx.

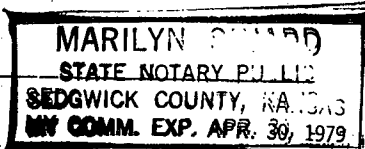
10-14-1977

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Chief Drilling Co., Inc.  
Address 905 Century Plaza, Wichita, Kansas 67202

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.  
Jim Robinson (employen 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) Jim Robinson  
905 Century Plaza, Wichita, Kansas 67202 (Address)

SUBSCRIBED AND SWORN TO before me this 13th day of October, 19 77



Marilyn Sinard  
Marilyn Sinard Notary Public.

My commission expires

WELL LOG

15-063-20361-00-00

CHIEF DRILLING CO., INC.  
905 Century Plaza  
Wichita, Kansas 67202

#1 ENGEL  
S/2 S/2 SE/4 Sec. 17-11S-31W  
Gove County, Kansas

CONTRACTOR: Company Tools  
CASING RECORD: 8 5/8" @ 296' w/200 sx.

COMMENCED: 9/26/77  
COMPLETED: 10/6/77

FORMATION	FROM	TO	ELEVATIONS
Surface Sand & Shale	0	363	2958 Gr.
Sand & Shale	363	2470	2960 D.F.
Shale	2470	2474	2963 K.B.
Anhydrite	2474	2516	
Shale	2516	4071	
Shale & Lime	4071	4147	
Lime	4147	4610	
Total Depth	4610		

FORMATION TOPS	
Anhydrite	2474 + 489
Base Anhydrite	2515 + 448
Heebner	3952 - 989
Toronto	3978 - 1015
Lansing	3994 - 1031
BKC	4274 - 1311
Marmaton	4303 - 1340
Ft. Scott	4460 - 1497
Cher. Shale	4488 - 1525
Miss.	4567 - 1604
RTD	4610 - 1647

10-14-1977  
OCT 14 1977

STATE OF KANSAS, COUNTY OF SEDGWICK) ss:

I hereby certify that the above is a true and correct copy of the Driller's Log of the well drilled in the S/2 S/2 SE/4 Sec. 17-11S-31W, Gove County, Kansas, to the best of my knowledge and belief.

CHIEF DRILLING CO., INC.

*Jim Robinson*  
Jim Robinson, Vice-President

Subscribed and sworn to before me this 13th day of October, 1977.

MARILYN SINARD  
STATE NOTARY PUBLIC  
SEDGWICK COUNTY, KANSAS  
MY COMM. EXP. APR. 30, 1979.

*Marilyn Sinard*  
Marilyn Sinard Notary Public