

STATE OF KANSAS
STATE CORPORATION COMMISSION

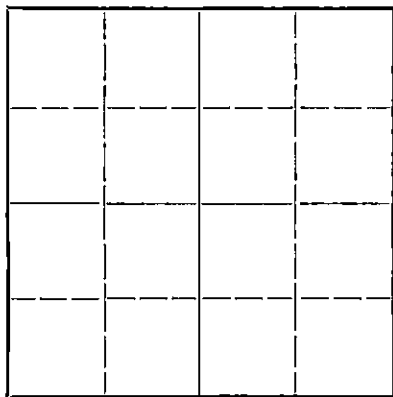
WELL PLUGGING RECORD

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

OR
FORMATION PLUGGING RECORD

Strike out upper line
when reporting plugging
off formations.

NORTH



Locate well correctly on above
Section Plat

Barton County Sec 31 Twp 20 Rge 13 W0 (W)
Location as "NE1/4NW1/4SW1/4" or footage from lines C-NE/4-NE/4-SE/4
Lease Owner Nebraska - Wyoming Oil Company
Lease Name Hays Well No 1
Office Address Hastings, Nebraska
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed 4 - 4 19 49
Application for plugging filed 4 - 4 19 49
Application for plugging approved 4 - 4 19 49
Plugging commenced 4 - 4 19 49
Plugging completed 4 - 8 19 49
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 C. D. Stough
Producing formation none Depth to top Bottom Total Depth of Well 3630 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
				8 5/8"	600'	none
				5 1/2"	3585'	3178'

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.

Well filled with mud from 3630 to 3280'. Then 15' rock bridge. 15 sks. of cement dumped with bailer. Pipe pulled. Hole filled with mud to 200' set rock bridge. Dumped 15 sks. of cement. Filled to 30' below bottom of cellar with mud. Then dumped 10 sks. of cement.

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

Correspondence regarding this well should be addressed to Nebraska - Wyoming Oil Company
Address Hastings, Nebraska

STATE OF Kansas, COUNTY OF Stafford, ss.
E. E. Duncan (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.

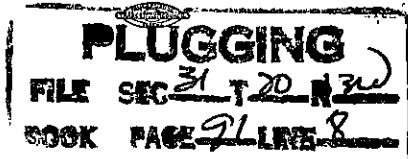
(Signature) *E. E. Duncan*

Stafford, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 11 th day of April, 1949

My commission expires July 24, 1952 Notary Public.

22-287 7-47-10M



549 4-13-49

NEBRASKA - WYOMING OIL COMPANY
 DRILLERS WELL LOG
 HAYS #1

15.009.05730.0000

Company--Nebraska-Wyoming Oil Company
 Farm--Hays

Sec 31T-20S-R13W
 Loc. C-NE/4-NE/4-SE/4

Total Depth--3630'
 Commenced--3-9-49
 Shot or Treated--Perforated
 Contractor--Sterling Drilling Co.
 Completed--4-4-49

County--Barton
 Elevation--1908'K. B.
 Production--Dry Hole

Casing Record

8 5/8" at 600' cemented with 350 sks. circulated
 5 1/2" at 3589' cemented with 75 sks.

All measurements carried from Kelly Bushing
 (Correction of 4' used on all measurements except rotary drillers record and time log.)

	Geologist Tops	
0' Kelly Bushing	Heebner Shale	3177' ±1269'
170' Sand and Clay	Lansing-Kansas City	
190' Shale and Shells	Brown Lime	3289' -1388'
745' Shale, Shells and Red Bed	White Lime	3301' -1393'
765' Anhydrite	Conglomerate	3542' -1634'
890' Shale and Red Bed	Arbuckle Lime	3573' -1665'
1305' Shale and Lime	Rotary Total Depth	3595' -1687'
1540' Shale	Recommended 5 1/2" be set at 3585'	
1560' Salt	Drill stem test with hole open from 3324' to 3354'	
1575' Shale and Shells	Open 30 minutes 6' of mud. Recovered. Pressure 0.	
1725' Shale and Lime	Drill stem test with hole open from 3427' to 3434'	
1830' Lime	Open 30 minutes. 30' of water and mud, recovered	
2210' Lime and Shale	Pressure 0.	
2240' Lime	Drill stem test with hole open from 3582' to 3595'	
2750' Lime and Shale	Open 1 hour, 15' of mud, recovered. Pressure 0.	
2875' Shale and Shells		
2980' Shale and Lime		
3180' Lime		
3285' Lime and Shale		
3591' Lime		
R. T. D. corrected to 3595'		
Cable Tool	Testing with Cable Tools.	
3605' Lime		
3616' Lime, Chert and Shale		
3630' Lime		

After drilling plug and cleaning out the bottom 30 gal. of acid was dumped and splashed against walls for approximately 2 hours then bailed out. 20 gal. of acid dumped and let set 8 hours. Bailed out. Still no show of free oil. Drilled to 3630' at approximately 2' runs no free oil showed in hole or no water. Well was perforated by Lane-Wells from 3574' to 3578' no increase in oil or water. Perforated with 12 shots from 3460' to 3464'. No increase in oil or water. Perforated with 11 shots from 3430' to 3434' no increase in oil or water. Perforated with 12 shots from 3325' to 3329' no increase in oil and water Well properly plugged and pipe pulled.

I HEREBY CERTIFY THE ABOVE RECORD IS A TRUE AND CORRECT RECORD OF THE DRILLERS LOG ON THIS WELL.

SIGNED E. E. Duncan

SUBSCRIBED AND SWORN TO BEFORE ME THIS 11th DAY OF April 1949

MY COMMISSION EXPIRES My Commission Expires July 24, 1952

Delma Henderson
 NOTARY PUBLIC

RECEIVED

APR 15 1949

PLUGGING
 FILE SEC 31 T 20 R 30
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