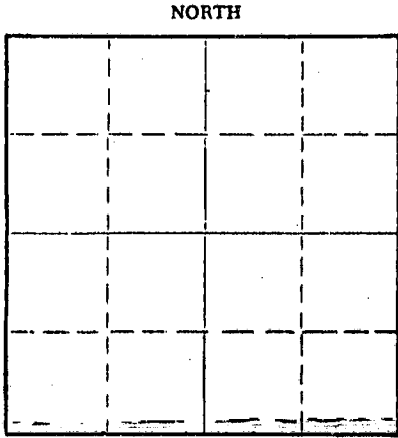


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above
Section Plat

Ellis County, Sec. 22 Twp. 11S Rge. 18 (W)
Location as "NE/CNW&SW" or footage from lines NW SW SW
Lease Owner Sohio Petroleum Company
Lease Name Henderson "F" Well No. 1
Office Address Box 673, Russell, Kansas 67665
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed 1-5 19 48
Application for plugging filed 11-8 19 66
Application for plugging approved 11-10 19 66
Plugging commenced 1-10 19 67
Plugging completed 1-16 19 67
Reason for abandonment of well or producing formation Uneconomical

If a producing well is abandoned, date of last production November 19 66
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 Leo Massey
Producing formation Lansing-Kansas City Depth to top _____ Bottom _____ Total Depth of Well 3,505 Feet
Show depth and thickness of all water, oil and gas formations. P B T D 3,478 Feet

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUR IN	PULLED OUT
				8-5/8"	142'	None
				5-1/2"	3,496'	None
RECEIVED STATE CORPORATION COMMISSION JAN 18 1967 1-18-67 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.

Dumped 50 Gal. chat in hole. Chat bridge at 2,220'; dumped 100 Gal. additional chat and ran 3 Gal. cement. Found bridge had moved down hole to 3,360'. Ran S.L.M. Found top of cement at 3,354'. Will dump additional chat and cement to bring plug above top perforation at 3,275'. Dumped 20 Gal. chat. Ran S.L.M. Found bridge in casing at 900'. Dumped additional chat. Plugged back to 874'. Fluid level raised in hole from 754' to 600'. Loaded hole with water. Hole remained full 2 hrs. Dumped 3 sacks cement. Ran S.L.M. Found PBT D at 874'. Fluid level 100' below surface. Dumped one sack of Cal-seal which filled up 1-1/2'. Dumped one additional sack of Cal-seal. S.L.M. shows top of Cal-seal at 871'. Fluid level 40' below surface. Mixed five sacks jel. Pumped into well at 1,000 lbs. pressure. Pressure broke back to 700 lbs. Mixed 80 sacks cement. Pumped in. Maximum pressure 1,160. Standing pressure 400. Cut off casing and capped well.

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Sohio Petroleum Company
Address Box 673, Russell, Kansas 67665

STATE OF KANSAS, COUNTY OF RUSSELL, ss.
D. W. Smith (employee of owner) 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) D. W. Smith
Russell, Kansas Box 673
(Address)

SUBSCRIBED AND SWORN to before me this 16th day of January, 19 67

Deanne Becker

Notary Public.

My commission expires November 18, 1967



15-051-19279-000

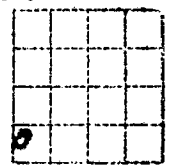
WELL LOG BUREAU KANSAS GEOLOGICAL SOCIETY
412 Union National Bldg. Wichita, Kansas

Company MAZDA OIL CORPORATION
Farm Henderson "F" No. 1

SEC. 22 T. 11 R. 18W
NW SW SW

Total Depth. 3505'
Comm. 12-5-47 Comp. 1-5-48
Shot or treated.
Contractor. Earl F. Wakefield
Issued. 3-13-48

County. Ellis
KANSAS



CASING:
5 1/2" @ 3496' - ✓

Elevation. _____

Production. Potential - 3000

Figures Indicate Bottom of Formations.

soil, sand & clay	40
shale & shells	385
red bed	520
sand & P. iron	670
shale & red bed	750
sand	905
shale & red bed	1070
red bed	1238
anhydrite lime	1265
anhydrite	1278
shale & shells	1555
iron & shale	1570
salt & shale	1715
shale	1835
lime	1865
broken lime & shale	1945
shale & lime	1995
shale	2050
lime	2070
lime & shale breaks	2117
lime	2295
lime & shale	2625
shale & shells	2675
lime & shale	2830
lime	2870
shale	2890
shale & lime	2944
lime	2985
lime & iron	3025
lime hard	3052
cherty lime	3065
lime	3153
lime & cherty	3169
shale & lime	3218
lime	3307
cherty lime	3338
lime	3470
lime & shale	3485
simpson dolomite	3498
arbuckle lime	3505
Total Depth	3505'

Drilled plug & cleaned out to bottom
3498' Filled up 1300' of Oil, no
water the 1st hr. Swabbed hole
for 1 hr made 42 BO lowering the
fluid level to 1500' off bottom
Filled up 2765' (Static fluid level)
in 7 hrs.
Drilled deeper to 3502' Swabbed
hole for 1 hr at 2300' off bottom
made 27 bbls of Oil
Swabbed hold for 1 hr at 2300' off
bottom made 17 BO
Drilled deeper to 3505'
Swabbed Hole for 1 hr @ 2300'
of bottom - made 42 BO
Swabbed Hole for 1 hr @ 2300'
off bottom - made 23 BO

Depthograph potential 4545 BO
no water on Jan. 5, 1948

TOPS:

Topeka Limestone	2921
Heebner shale	3151
Toronto lime	3173
Lansing K.C. (No S.KC)	3191
Basal Paen. Conglomerate	3444
Simpson Dolomite	3483
Simpson Shale	3488
Arbuckle Dolomite	3494

San Juan Expl. Co

15-051-19279-000

LEASE: Henderson F1
OWNER: ~~Mazda Oil Corporation~~
CONTRACTOR: Earl F. Wakefield
COMM: 12-5-47 COMP: 12-22-47
Elevation 1965 D.F.

LOCATION: NW SW SW
(S/2 SW/4) Sec. 22-11-18
Ellis County, Kansas

CASING : 8 5/8 cemented @ 142'
5 1/2" O.D. 3498'
Tubing: 2" EUE, 114 Jts.

SOIL, SAND & CLAY	40	LIME	3307
SHALE & SHELLS	142	CHERTY LIME	3338
SHALE & SHELLS	385	LIME	3470
RED BED	520	LIME & SHALE	3485
SAND & P. IRON	670	SIMPSON DOLOMITE	3498
SHALE & RED BED	750	ARBUCKLE LIME	3500
SAND	905	TOTAL DEPTH	3500 rotary
SHALE & RED BED	1070		
RED BED	1238		
ANHYDRITE LIME	1265	TOP OF ARBUCKLE	3498
ANHYDRITE	1278		
SHALE & SHELLS	1555		
IRON & SHALE	1570		
SALT & SHALE	1715		
SHALE	1835		
LIME	1865		
BROKEN LIME & SHALE	1945		
SHALE & LIME	1995		
SHALE	2050		
LIME	2070		
LIME & SHALE BREAKS	2117		
LIME	2295		
LIME & SHALE	2625		
SHALE & SHELLS	2675		
LIME & SHALE	2830		
LIME	2870		
SHALE	2890		
SHALE & LIME	2944		
LIME	2985		
LIME & IRON	3025	Initial	
LIME HARD	3052	Potential: 960 B/D	
CHERTY LIME	3065		
LIME	3153		
LIME & CHERTY	3169		
SHALE & LIME	3218		

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

I hereby certify that the above is a true and correct copy of
the log of the Henderson F-1 well located in the (S/2 SW/4) Sec.
22-11-18, Ellis County, Kansas

Earl F. Wakefield

Subscribed and sworn to before me this 29th day of December 1947

Jeane Gafney

My Commission Expires: 12-23-50

Worked over in May 1953 to shut off Dakota Waters