

WELL PLUGGING RECORD

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

Graham County. Sec. 16 Twp. 7S Rge. 22 XXXXXX (W)

Location as "NE/CNW/SW" or footage from lines NE SE NE

Lease Owner Empire Drilling Company - Time Petroleum Associates

Lease Name Worcester Well No. 1

Office Address 650 Fourth National Bank Bldg. Wichita 2, Kansas

Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole

Date well completed August 3 1963

Application for plugging filed August 3 1963

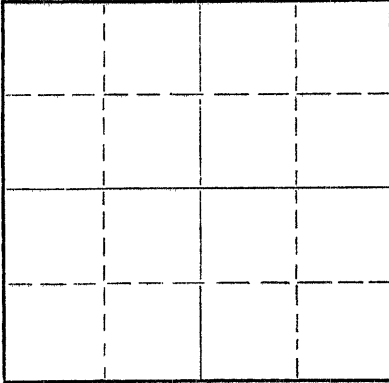
Application for plugging approved August 3 1963

Plugging commenced August 3 1963

Plugging completed August 3 1963

Reason for abandonment of well or producing formation Dry Hole

NORTH



Locate well correctly on above
Section Plat

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 W. L. Nichols, Morland, Kansas

Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3743 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 - Shale & Sand	0	162	8 5/8"	150'	-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 set at 540' with 20 sacks cement.
Plug set at 140' with 20 sacks cement.
Plug set at 35' with 10 sacks cement.

RECEIVED
STATE CORPORATION COMMISSION
AUG 14 1963
AUG 14, 1963
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Empire Drilling Company

Address 650 4th National Bank Bldg, Wichita 2, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.

Dan J. Kornfeld (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) Dan J. Kornfeld
650 4th Natl. Bank Bldg., Wichita 2, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 12th day of August 19 63

My commission expires October 21, 1966
Lucille H. Harr Notary Public.



L O G

COMPANY: Time Petroleum Associates - Empire Drilling Company
 CONTRACTOR: Empire Drilling Company
 FARM: Worchester #1
 LOCATION: NE SE NE Section 16-7S-22W, Graham County, Kansas
 COMMENCED: July 26, 1963 ELEVATION: 2313 KB
 COMPLETED: August 3, 1963 POTENTIAL: D & A

0	to	162	Surface - Shale & Sand
162	to	900	Shale
900	to	1070	Sand & Shale
1070	to	1240	Shale
1240	to	1460	Shale & Shells
1460	to	1670	Sand
1670	to	1931	Redbed
1931	to	1962	Anhydrite
1962	to	2300	Shale
2300	to	2515	Shale w/ lime streaks
2515	to	2640	Lime & Shale
2640	to	2900	Shale-Lime
2900	to	3015	Lime
3015	to	3480	Lime & Shale
3480	to	3530	Lime
3530	to	3563	Lime & Shale
3563	to	3605	Lime & Chert
3605	to	3743	Lime
3743			Rotary Total Depth

SET: 150' of 8 5/8" with 115 sacks cement.

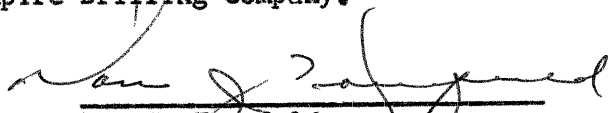
SAMPLE LOG TOPS:

Anhydrite	1931	+382
Topeka	3311	-998
Heebner	3508	-1195
Toronto	3533	-1220
Lansing	3549	-1236
Base Kansas City	3742	-1429
Rotary Total Depth	3743	

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 CONSERVATION DIVISION
 Wichita, Kansas

C E R T I F I C A T I O N

I, Dan J. Kornfeld, do hereby certify that the above and foregoing is a true and correct copy of the log on the Worchester #1, NE SE NE Section 16-7S-22W, Graham County, Kansas, as reflected by the files of Empire Drilling Company.


 Dan J. Kornfeld

Subscribed and sworn to before me, a Notary Public, within and for Sedgwick County, Kansas, this 12th day of August, 1963.


 Lucille H. Harr, Notary Public

My commission expires October 21, 1966.