

15-163-03930-00-00

1-21-37

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD
OR
FORMATION PLUGGING RECORD

RECEIVED
JAN 21 1937
Strike out upper line when reporting plugging of formations.
BY _____

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

Rooks County, Sec. 24 Twp. 8 Rge. (E) 19 (W)
Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines 330' E - 990' S of NW Cor.

Lease Owner Empire Oil & Refining Company
Lease Name Ham Well No. 1
Office Address Bartlesville, Okla.

Character of Well (Completed as Oil, Gas or Dry Hole) Dry Hole
Date, well completed December 21, 1936

Application for plugging filed 193
Application for plugging approved 193
Plugging Commenced December 23, 193 6
Plugging Completed December 30, 193 6
Reason for abandonment of well or producing formation Hole full of water

If a producing well is abandoned, date of last production 193

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. T. Alexander
Producing formation Arbuckle Depth to top 3522 Bottom Total Depth of Well 3598 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
Arbuckle lime erosional		3522	3575	20"	-	-
solid	water	3575	3598	15 1/2"	715'	715'
				12 1/2"	1388'	1310'
				10"	2835'	2835'
				8 1/2-8"	3268'	3268'
				7"	3443'	3443'

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.

Hole filled with mud from bottom to 3176' (top of Kansas City lime)
Bridge hole 725' to 735' cement with 25 sax. mud. Fill to top with cement plug @ surface.

PLUGGING
FILE SEC 24-8-R-19W
BOOK PAGE 75 LINE 1

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

Correspondence regarding this well should be addressed to Empire Oil & Refining Company
Address c/o C. S. Warren, Oil Hill, Kansas.

STATE OF Kansas, COUNTY OF Butler, ss.

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) H. Cleavelly
Empire Oil & Refining Co. Bartlesville, Kan
(Address)

SUBSCRIBED AND SWORN to before me this 7 day of January 1937

My commission expires June 6, 1939
Notary Public.

15-163-03930-0000
WELL RECORD

Company Empire Oil & Refg. No. 1 Farm Hamm
 Location 330'N - 330'E of N $\frac{1}{2}$ Cor. Sec. 24 T. 8 R. 19W
 Elevation _____ County _____ Rocks _____ State Kansas
 Date Commenced: 10-7-36
 Date Completed 12-21-36 Initial Production P. & A.
 Drld. by R. J. Wixson T.D. 3598'

Casing Record:

15 $\frac{1}{8}$ " 715' Pulled
 12 $\frac{3}{8}$ " 1105' U.R. 1388' Pulled 1310'
 10" 2400' U.R. to 2835' Pulled
 8 $\frac{1}{2}$ " 3180' U.R. 3236' Pulled
 6 5/8" 3440' Pulled

Water Record:

475' HFW
 560-65' HFW
 725' HFW
 1190-1210' 8 BWPB
 1230' HFW
 2360-70' 1 BW
 2460-70' 1 1/2 BW
 2740-45' 1 BW
 2800-05' 1000' wtr.
 2900-05' 1 BWPB
 2965-70' 1 BWPB
 3280-85' 1 BWPB
 3545-49' 1 BWPB
 3591-98' 1500' wtr.

Formation:

Depth

Slate blue	770
Sand	775
Shale blue	785
Blue mud	800
Lime	810
Slate blue	830
Shale blue	835
Slate white	860
Sand	865
Slate white	880
Sand, water	915
Slate light	920
Sandy shale, light	1005
Sand	1030
Red rock	1040
Sand	1075
Slate	1100
Slate blue (hole caving)	1105
Red rock	1140
Red shale	1230
Red sand	1260
Red shale	1335
Red rock	1345
Red shale	1370
Red rock	1375
Gyp	1378
S.L.M. Corr.	1378-1389
Anhydrite	1440
Red rock	1455
Red rock & lime shells	1500
Red rock	1505
Shale blue	1525
Red rock	1575
Lime	1580
Red rock	1590
Red rock and shells	1620
Red rock	1630
Green shale	1675
Red rock	1680
Dark slate	1685
Light shale	1700
Shale brown	1725
Shale blue	1735
Shale red	1740
Salt	1820
Shale	1825

PLUGGING
 SEC 24 T. 8 R. 19W
 BOOK PAGE 75 LINE 1

Formation:

Depth:

Surface	10
Lime	45
Blue mud	265
Black mud	340
Lime	380
Brown mud	475
Sand	535
Lime	550
Sand	565
Sandy shale	595
Pink rock	600
Blue mud	650
Shale blue	675
Sand	690
Blue mud	695
Iron	700
Blue slate and iron	705
Blue slate	710
Lime	715
Red rock	725
Water sand	745
Sand	750

WELL RECORD

Formation:	Depth:	Formation:	Depth:	Formation:	Depth:
Red shale	1850	Shale blue	2735	Erosional Sil.	3575
Lime	1855	Shale brown	2740	Solid Sil. ls.	3598
Shale blue	1860	Sandy lime	2750		
Slate blue	1865	Slate blue	2765		
Red rock	1875	Lime (caving)	2775	Top Oswald	3176 Cor
Lime	1890	Lime	2785	Top Cherty cong.	3452
Shale blue	1900	Slate blue	2795	Top Eros. Sil. ls.	3522
Shale grey	1920	Lime white	2805	Top Solid Sil. ls.	3575
Lime	1940	Lime	2835	Total Depth	3598
Red rock	1965	Slate blue	2840	1500' of water from	
Lime	1980	Lime	2845	3591-3598'	
Shale grey	1985	Slate blue	2855		
Shale brown	1990	Shale blue	2870		
Red rock	2010	Lime	2880		
Lime grey	2015	Slate blue	2900		
Lime	2035	Lime	2905		
Red rock	2075	Red rock	2910		
Lime	2170	Lime & shale	2940		
Red rock	2175	Shale black	2960		
Lime	2185	Lime	2965		
Red rock	2190	Lime broken	2970		
Lime	2250	Lime white	2975		
Lime broken	2255	Shale light	2980		
Red rock (caving)	2265	Lime	3070		
Lime (hole caving)	2285	Slate blue	3075		
Red rock	2290	Lime	3080		
Lime	2305	Shale variegated	3085		
Lime, broken	2330	Lime	3150		
Lime grey	2350	Blue green shale	3160		
Lime	2375	Red rock	3170		
Red rock (hole caving)	2395	Lime	3175		
Lime (ing)	2403	Sand Line Corr.	3175-3180		
Hole caving 2403		Lime	3187		
Red rock	2410	Shale blue	3192		
Lime	2435	Lime	3200		
Slate blue	2440	Lime brown	3205		
Lime	2485	Lime	3220		
Red rock	2500	Slate blue	3225		
Lime	2525	Lime white	3230		
Slate	2535	Lime	3240		
Lime	2545	Shale blue	3245		
Slate	2550	Lime	3263		
Lime	2570	Shale blue	3268		
Shale blue	2575	Lime	3315		
Lime	2600	Shale blue	3320		
Shale light	2615	Lime	3370		
Lime	2625				
Shale blue	2632	S.O. 3365-70'			
Shale	2648	Shale	3385		
Lime	2650	Lime	3393		
Shale blue	2660	Lime & shale	3398		
Slate blue	2662	Black shale	3405		
Lime	2665	Lime	3412		
Slate blue	2670	Shale red blue	3440		
Shale & shells	2695	(hole caving 3440)			
Shale blue	2700	Shale	3445		
Red rock	2715	Lime	3450		
		Conglomerate	3522		

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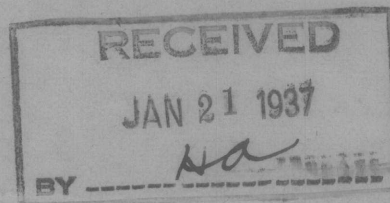
ONCE-ALWAYS

EMPIRE OIL & REFINING COMPANY

~~CONFIDENTIAL~~

EMPIRE OIL & REFINING CO.
CITIES SERVICE OIL CO.
~~EMPIRE GAS & FUEL CO. (INC.)~~
EMPIRE PIPELINE CO.

El Dorado, Kansas
Jan. 20, 1937



75-1

State Corporation Commission
Conservation Division
800 Bitting Building
Wichita, Kansas

Gentlemen:

Attached herewith is the Well Plugging Record of the work done in connection with the plugging and abandoning of our Mira Ham well No. 1, Section 24-8-19W, Rooks County, Kansas, drilled as a dry hole.

Attached also is Well Plugging Application confirming verbal application made to the Conservation Agent and log of the well.

Yours very truly,

EMPIRE OIL & REFINING COMPANY

C. S. Warren
Superintendent of Production

EH:
Attach.

