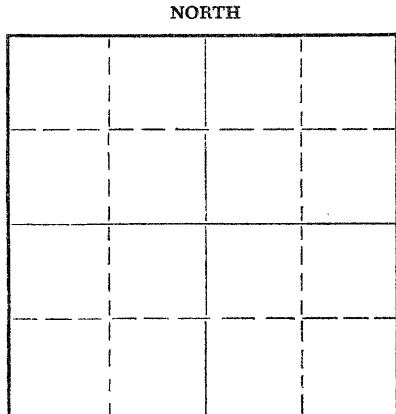


STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 North Market, Insurance Bldg.
Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above
Section Plat

Rooks County. Sec. 19 Twp. 8S Rge. 17 (H) W (W)
Location as "NE/CNW%SW%" or footage from lines C SE NE SE
Lease Owner Cities Service Oil Company
Lease Name Reeder Well No. 4
Office Address Bartlesville, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed October 13 19 59
Application for plugging filed October 13 19 59
Application for plugging approved October 13 19 59
Plugging commenced October 13 19 59
Plugging completed October 13 19 59
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 Eldon Petty, Hays, Kansas
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3378 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	273'	8-5/8"	273'	None

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.

Heavy rotary mud T.D. to 500'
Howco Wood Plug & 20 sx. cement, thru drill pipe to 435'
Mud to 180'
Howco Plug & 20 sx. cement thru drill pipe to 116'
Heavy mud to 35'
Howco plug 1/2 sx. hulls & 10 sx cement to base of cellar.

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OCT 29 1959
CONSERVATION DIVISION
WICHITA, KANSAS

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

Name of Plugging Contractor Peel Brothers, Inc.
Address P. O. Box 359, Hoisington, Kansas

STATE OF KANSAS, COUNTY OF BARTON, ss.
M. M. HARDIN (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) M M Hardin

SUBSCRIBED AND SWORN TO before me this 7/8 day of October, 1959
W. D. Smith
(Address)

My commission expires March 17, 1963
Notary Public.



WELL RECORD

WILDCAT.....

DISCOVERY.....

POOL.....

COMPANY Cities Service Oil Company WELL # 4 FARM Reeder

LOCATION 1650' North and 330' West of SE Corner

Section 19, Township 8, Range 17W.

ELEV. 1912 CO. Rocks STATE Kansas

IP. Dry hole. P. and A. 10-13-59

PERFS.

FRAC.

T.D. 3378' PBTD.

DRLG. COMM. Sept. 29, 1959 COMP. Oct. 12, 1959 CONTRACTOR Peel Bros., Inc.

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Wichita, Kansas
ACID
GRAV/GOR

CASING RECORD:

8-5/8" at 273' with 175 sacks cement.

FORMATION RECORD:

lime	0-40
shale	273
shale and shells	540
sand	570
shale and shells	600
sand	955
shale and shells	1240
anhydrite	1280
shale and shells	1460
shale	1760
shale and lime	1870
lime and shale	2115
shale and lime	2685
lime and shale	2905
lime	2975
lime and shale	3055
lime	3060
lime and shale	3072
lime	3100
shale and lime	3145
lime and shale	3272
lime	3275
lime and shale	3310
shale and lime	3332
lime and shale	3367
lime	3378 T.D.

Heebner	3033
Dodge	3055
Lansing	3074
Base Kansas City	3301
Conglomerate	3338
Artuckle	3348
Pen.	30'
T.D.	3378

D.S.T. 3056-72, open 1 hr., rec. 3' mud;
B.H.P. 10# in 30 minutes.

D.S.T. 3075-3100, open 1 hr., rec. 8' mud;
B.H.P. 20# in 30 minutes.

D.S.T. 3099-3145, open 1 hr., rec. 125'
slightly muddy salt water; B.H.P. 1160#
in 30 minutes.

D.S.T. 3235-75, open 1 hr., rec. 15' mud
with few specks oil; B.H.P. 470# in
30 minutes.

D.S.T. 3275-3310, open 1 hr., rec. 10' mud;
B.H.P. 20# in 30 minutes.

D.S.T. 3335-55, open 1 hr., rec. 9' mud;
B.H.P. 30# in 30 minutes.

D.S.T. 3355-67, open 1 hr., rec. 25' mud;
B.H.P. 13# in 30 minutes.

Slope Tests (Syfo):

500'	- 1°
1000'	- 0°
1500'	- 1°
2000'	- 1°
2550'	- 0°
3000'	- 1°

7-7/8" Rotary hole.

DRILLERS' LOG

Well Owner:	Cities Service Oil Company	C SE NE SE
Farm Name:	Reeder Well No. 4	Sec. 19-88-17W
Commenced:	9/29/59	
Completed:	10/13/59	
Total Depth:	3378'	Rooks County, Kansas
Casing:	8 5/8" @ 273' cemented	Elevation:
Contractor:	Peel Brothers, Inc.	Production: Dry

Figures below indicate bottoms of formations:

Post rock	0-	40
Shale		273
Shale and Shells		540
Sand		570
Shale and Shells		800
Sand		955
Shale and Shells		1240
Anhydrite		1280
Shale and Shells		1460
Shale		1760
Shale and Lime		1870
Lime and Shale		2905
Lime		2975
Lime and Shale		3055
Lime		3060
Lime and Shale		3066
Lime		3100
Shale and Lime		3272
Lime		3275
Lime and Shale		3355
Lime		3378
Total Depth		3378

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 STATE CORPORATION COMMISSION
 OCT 28 1959
 CONSERVATION DIVISION
 Wichita, Kansas