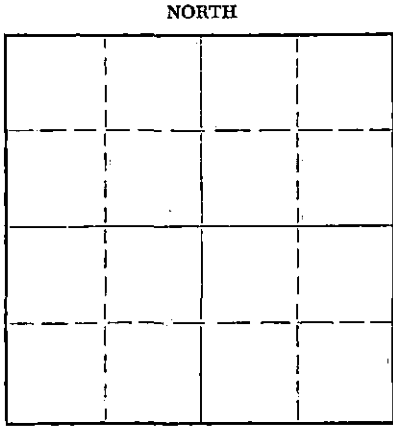


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Kingman County. Sec. 23 Twp. 28 Rge. 7W (E) (W)
Location as "NE/CNW/SW" or footage from lines 330' E. 330' N. of Cen.
Lease Owner Cities Service Oil Company
Lease Name Mann Well No. 1
Office Address Box 144, Great Bend, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed December 10, 19 58
Application for plugging filed December 10, 19 58
Application for plugging approved December 10, 19 58
Plugging commenced December 10, 19 58
Plugging completed December 10, 19 58
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 Fred Hampel
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4350 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"	402'	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.

4350-240', heavy mud.
240-175', wood plug, 1/4 sack hulls, 20 sacks cement.
175-40', heavy mud.
40' to base of cellar, wood plug, 1/4 sack hulls, 10 sacks cement.

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

Name of Plugging Contractor Barbour Drilling Company
Address Tulsa, Oklahoma

STATE OF Kansas, COUNTY OF Barton, ss.
V. M. Conover (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) V. M. Conover
Box 144 - Great Bend, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 2nd day of January 19 59

W. D. Smith
Notary Public.

My commission expires March 12, 1959,

PLUGGING
 FILE SEC. 23 T. 28 R. 7W
 BOOK PAGE 4 LINE 21

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 CONSERVATION DIVISION
 Wichita, Kansas

WELL RECORD

15-095-01337-0000

WILDCAT.....
 DISCOVERY.....
 POOL.....

PLUGGING
 FILE SEC. 23 T. 28 R. 7 W
 BOOK PAGE 4 LINE 21

COMPANY Cities Service Oil Company WELL # 1 FARM Mann
 LOCATION 330' North and 330' East of Center
Section 23, Township 28, Range 7 W.
 ELEV. 1537 (1534 Gr.) CO. Kingman STATE Kansas
 IP. Dry hole. P. & A. December 10, 1958.
 PERFS.....
 FRAC..... ACID None
 T.D. 4350' PBTD..... GRAV/GOR.....
 DRLG. COMM. Nov. 19, 1958 COMP. Dec. 9, 1958 CONTRACTOR Barbour Drlg. Company

CASING RECORD:

8-5/8" at 402' with 275 sacks cement.

FORMATION RECORD:

red bed and soil	0-20
sand	35
red rock and shale	50
red rock	310
shale and shells	934
Anhydrite	967
shale, shells and salt	1145
shale and lime	1405
lime and shale	2050
shale and lime	2290
shale	2450
shale and lime	2575
lime and shale	2695
lime	2935
lime and shale	3060
sand and shale	3183
lime	3645
lime and shale	3710
shale and lime	3820
lime	3860
lime and shale	3927
shale	3939
chert	3960
chert and lime	4035
lime	4060
cherty lime	4070
lime	4175
lime and chert	4185
cherty lime	4210

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chert and lime	4215
lime and shale	4265
shale	4310
shale and lime	4332
sand	4346
4346 = 4350 Rotary T.D.	
Corr. Heebner	2943
Corr. Douglas	2973
Corr. Brown limestone	3186
Corr. Lansing	3194
Corr. Base Kansas City	3670
Corr. Mississippi	3943
Corr. Kinderhook	4224
Corr. Viola	4334
Corr. Simpson Sand	4340
Pen.	10'
Corr. T.D.	4350

D.S.T. 3483-3500, open 1 hour, rec. 40' oil spotted mud and 280' slightly muddy salt water; IBHP 1460# in 30 mins., FBHP 1375# in 30 minutes.
 D.S.T. 3556-74, open 1 hr., rec. 30' mud with show oil in tool; IBHP 1480# in 30 minutes, FBHP 1180# in 30 minutes.
 D.S.T. 3584-95, open 1 hour, rec. 6' muddy salt water & 154' salt water; IBHP 1260# in 30 minutes, FBHP 455# in 45 minutes.
 D.S.T. 3618-45, open 1 hr., rec. 700' salt water; IBHP 1545# in 30 minutes, FBHP 1540# in 30 minutes.
 D.S.T. 3941-50, open 1 hour, gas in 9 mins. 56 MCF in 1 hr; rec. 55' mud; IBHP 1532# in 30 mins., FBHP 1410# in 45 minutes.
 (over)

D.S.T. 3950-60, open 1 hour, rec. 50'
mid with few specks oil and 45' middy
salt water; IBHP 1528# in 30 mins.,
FBHP 1399# in 45 minutes.

D.S.T. 4323-36, open 1 hour, rec. 2880'
salt water; IBHP 1560# in 30 mins.,
FBHP 1520# in 30 mins.

Slope Tests (Totco):

90'	-	1°
118'	-	3/4°
218'	-	1°
360'	-	1/2°
550'	-	0°
1025'	-	3/4°
1400'	-	1/2°
1850'	-	1 1/2°
2500'	-	1/2°
2935'	-	1 1/2°
3204'	-	1°
3515'	-	1°