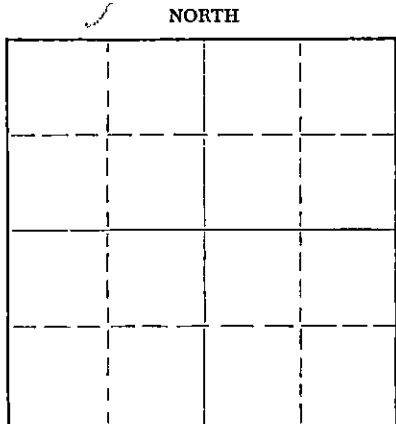


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

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

Kingman County, Sec. 13 Twp. 30 Rge. 9 (E) W. (W)
Location as "NE/CNW/SE/SW" or footage from lines Gen. SW SE NW
Lease Owner Cities Service Oil Company, et al.
Lease Name Harder 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 13 19 59
Application for plugging filed December 13 19 59
Application for plugging approved December 13 19 59
Plugging commenced December 13 19 59
Plugging completed December 13 19 59
Reason for abandonment of well or producing formation Dry Hole



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 Fred W. Hampel
Producing formation None 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"	406'	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.

4350-300', heavy mud.
300-246', wood plug, hulls and 18 sacks cement.
246- 35', heavy mud.
35' to base of cellar, wood plug, hulls and 10 sacks cement.

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DEC 29 1959
CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Lohmann-Johnson Drilling Co., Inc.
Address 320 Indiana Bank Building, Evansville, Indiana

STATE OF Kansas, COUNTY OF Barton, ss.
John D. Forsyth (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) John D. Forsyth
Box 144, Great Bend, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 17th day of December 19 59

W.D. Smith
Notary Public.

My commission expires March 12, 1963.



WELL RECORD

COMPANY Cities Service Oil Co., et al WELL NO. 1 FARM Harder
C SW SE NW
 LOCATION 990' West and 330' North of Center, Section 13, Township 30, Range 9W
 ELEVATION 1608 D.F. (1605 Gr.) COUNTY Kingman STATE Kansas
 I.P. Dry hole. P. & A. 12-13-59 ACID None
 T.D. 4350' CONTRACTOR Lohmann-Johnson Drlg. Co., Inc.
 DRIG. COMM. November 27, 1959 COMP. December 12, 1959

GASING RECORD:

8-5/8" at 406' with 350 sacks cement.

FORMATION RECORD:

Sand	0-60
Shale	407
Shale and sand	925
Red bed, shale and lime	1141
Lime and shale	1465
Shale and Lime	1635
Lime and shale	1825
Lime	2100
Lime and shale	2345
Shale	2675
Lime and shale	2880
Shale	3025
Shale and lime	3128
Shale, sand and Lime	3256
Lime and shale	3440
Shale, sand and Lime	3537
Lime	4350 T.D.

Heebner	3237
Douglas	3377
Lansing	3530
Base Kansas City	4026
Mississippi	4247
Pen.	103'
T.D.	4350

Slope Tests (Syfo): 375' - 2°
 1000' - 0°
 1500' - 0°
 2000' - 0°
 2500' - 1°
 3000' - 0°
 4000' - 0°

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 Wichita, Kansas