

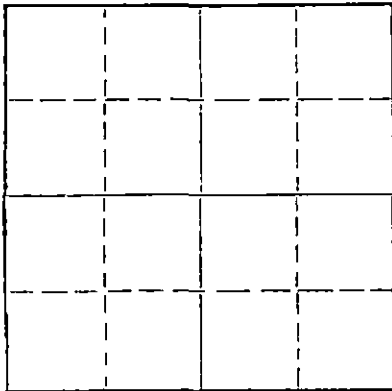
STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

WELL PLUGGING RECORD

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

NORTH



Locate well correctly on above
Section Plat

Kiowa County, Sec. 27 Twp. 30 Rge. 18 (E) W (W)
Location as "NE/CNW&SW&" or footage from lines 1980' FNL 1980' FWL
Lease Owner Cities Service Oil Company
Lease Name Koehn Well No. 1
Office Address _____
Character of Well (completed as Oil, Gas or Dry Hole) Dry hole
Date well completed 3-29 1967
Application for plugging filed 4-4 1967
Application for plugging approved 4-6 1967
Plugging commenced 4-11 1967
Plugging completed 4-16 1967
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 A. Elving
Producing formation None Depth to top - Bottom - Total Depth of Well 5165 Feet
Show depth and thickness of all water, oil and gas formations. PBTD 5129'

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TD	SIZE	PUT IN	PULLED OUT
				8-5/8"	452'	None
				4-1/2"	5154'	3022'

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.

5129' to 325' - Mud
325' to 315' - Rock Bridge
315' to 303' - 4 sx cement
303' to 240' - 21 sx cement
240' to 40' - Mud
40' to 30' - Rock Bridge
30' to base of cellar - 10 sg cement

RECEIVED
STATE CORPORATION COMMISSION
APR 24 1967
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Southwest Casing Pulling Co., Inc.
Address Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
W. J. Devaney (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) *W. J. Devaney*
Box 308, Great Bend, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 20th day of April, 1967

Bob L. Emerson
Notary Public.

My commission expires May 24, 1970

WELL RECORD

Company Cities Service Oil Company Well No. 1 Farm Koehn "A"
 Location 2130' FNL and 1980' FWL Sec. 27 T. 30 R. 18W
2195' KB
 Elevation 2193' DF, 2185' GL County Kiowa State Kansas
 Initial Prod. D&A Contractor Graham-Michaelis Drilling Co.
 Acid Frac 20,000 gals. 3% gel acid and 20,000#
SO w/ 306,000 SCF CO₂; 1500 gals. acid (3 treatments) Drlg. Comm. Feb. 5, 1967
 T.D. 5165' Drlg. Comp. Feb. 20, 1967

CASING RECORD:

8-5/8" 28# @ 452' cem. with 200 sx Pozmix 50-50% CaCl₂, 75 sx common, 2% CaCl₂. Cement circulated.
 4-1/2" 9.5# 8 rd. J-55 @ 5164' cem. with 100 sx common; TOC @ 4780'.

FORMATION RECORD:

soil and sand	252'
red bed	454
gypsum	500
red bed	1105
red bed and sand	1551
red bed, shale and salt	1910
anhydrite, shale and lime	2300
lime and shale	3107
shale and lime	3252
lime and shale	3352
shale and lime	3597
lime and shale	5060
lime and chert	5165 TD

CORES:

- #1, 5035-60', Miss., green shale and limestone, stain and odor last 1 1/2'.
- #2, 5060-75', Miss., limestone, poor to fair por., light stains and bleeding.
- #3, 5075-88 1/2', Miss., limestone with scattered chert nodules, poor to fair por., scattered oil and gas bleeding.

DRILL STEM TESTS:

- #1, 5044-60', Miss., 3-30-60-30, GTS in 5 mins., 40 MCF in 60 mins., rec. 5' gassy drilling mud; ISIP 1694#, IFP 34#, FFP 0#, FSIP 1649#.
- #2, 5060-75', Miss., 3-30-60-30, GTS in 2 mins., 1750 MCF in 60 mins., rec. 15' sli. oil and gas-cut drilling mud; ISIP 1694#, IFP 157#, FFP 257#, FSIP 1672#.
- #3, 5075-88 1/2', Miss., 5-30-60-30, good to fair blow, rec. 30' sli. oil and gas-cut drlg. mud; ISIP 1001#, IFP 22#, FFP 34#, FSIP 890#.

ELECTRIC LOG TOPS:

Heebner	4208 (-2013)
Lansing	4373 (-2178)
Base Kansas City	4826 (-2631)
Marmaton	4840 (-2645)
Ft. Scott	4962 (-2767)
Cherokee	4970 (-2775)
Mississippi	5030 (-2835)

COMPLETION:

Perf. Miss. 5063-73.
 Acidized with 250 gals. 15%, frac with 20,000 gals. and 20,000# 20-40 sand, 306,000 SCF CO₂.
 Flowed 48 bbls. oil, 255 bbls. water, 24 hrs.
 Squeezed 5063-73 with 300 sx.
 D. O. cement 5129'.
 Perf. Miss. 5063-70.
 Acidized with 250 gals. 15%.
 Flowed 5 bbls. fluid, 10% oil.
 Acidized with 1000 gals. 15% CRA.
 Flowed 7 bbls. oil, 29 bbls. water, 7 hrs.
 Squeezed 5063-70 with 150 sx cement and 1000 gals. diesel oil.
 Swabbed load back.
 Shut-in. To P&A.

SLOPE TESTS:

347'	1°
1110'	1°
1910'	1/2°
2743'	3/4°
3252'	3/4°
3997'	1°
4758'	3/4°
4905'	3/4°
5165'	1/2°

RECEIVED
 OIL AND GAS ADMINISTRATION COMMISSION
 APR 24 1967
 CONSERVATION DIVISION
 Wichita, Kansas