

STATE OF KANSAS
STATE CORPORATION COMMISSION

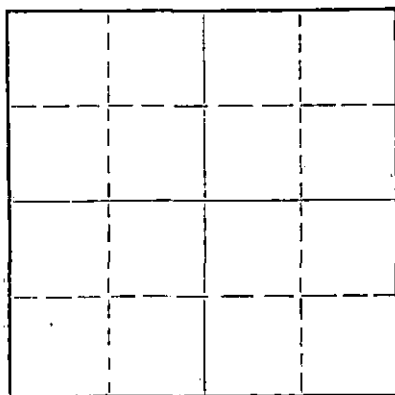
WELL PLUGGING RECORD

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

Sedgwick County, Sec. 31 Twp. 27 Rge. 4 West (W)

Location as "NE/CNW%SW%" or footage from lines NW SW SE
Lease Owner Shallow Water Refining Co.
Lease Name Bartholmew 16 #45 Well No. 4-95
Office Address Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Water Supply
Date well completed _____ 19____
Application for plugging filed _____ 19____
Application for plugging approved _____ 19____
Plugging commenced 11/10/67 _____ 19____
Plugging completed 11/20/67 _____ 19____
Reason for abandonment of well or producing formation depleted.

NORTH



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 Scott
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4730 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
				13"	258'	none
				8-5/8"	3843' 4314'	1841'

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.

Checked hole to 4730', pushed plug to 4250' and set 10' rock bridge.
Dumped 20' of sand, dumped 7 sacks of cement. Shot pipe at 2994', 2896'
and 2808', pumped in 78 barrels of oil, displaced it with 196 barrels of
water. Pushed plug from 1755' to 2750', circulated mud, shot pipe at
2720', 2625', 2534', 2475', 2414', 2350', 2289', 2222', 2160', 2096',
2031', 1944' and 1854', pipe came loose. Pulled 58 joints of 8 5/8".
Checked hole to 300' and set rock bridge from 300 to 275', dumped 6 yards
ready mix, tallied pipe.

PLUGGING COMPLETE.

FILED
NOV 28 1967
CONSERVATION DIVISION
WICHITA, KANSAS

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor KNIGHT CASING PULLING CO., INC. 11-28-67
Address CHASE, KANSAS

STATE OF KANSAS COUNTY OF RICE, ss.
NOEL J. KNIGHT (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) Noel Knight
CHASE, KANSAS
(Address)

SUBSCRIBED AND SWORN to before me this 22nd day of November, 1967

My commission expires February 15, 1971 Margaret Melcher Notary Public.

Sheet 16 Q

RECEIVED
STATE CORPORATION COMMISSION
AUG 23 1967
CONSERVATION DIVISION
Wichita, Kansas

STENCILED

Cities Service Oil Company

ORIGINAL

JUN 18 1960

Sec. 31-27-44
Sedgwick County, Kansas

Bartholomew Unit
Tract 16, #1-6

7110 S.W. 52

Drilg. Comm. 7-25-59
Drilg. Comp. 11-4-59
Dril. Sys. White & Ellis Drilg. Co.
Drill Ins. White & Ellis Drilg. Co.

Loc: 900' N. & 100' E. of 3/4 Corner
Elev: 1417' R.S. (5' above C.L.)
Notes: ALL measurements from R.S.

R.T.D. 4730'

T.D. 4730'

2.7. Produced & injected 6,017 bbls.
wtr. in 24 hrs. (Art. - 622')
(Inj. in nearby Miss. ls. well)

Steel Line Measurements Straight Hole Survey
None None

Company Records

1 1/2" diam. @ 250' w/175 mm.
3 5/8" cor. @ 421' w/1200 cor. powder.

Top Lansing Ls. 2855' (-1055)
Base 3171' (-2754) G.S.O.

Formation Description	Depth
sand & clay	50
red rock	75
shale & lime	253
shale & shale	610
shale	700
lime & shale strata	970
shale & lime	1060
lime	1260
red rock	1275
lime	1375
shale & lime	1460
lime	1520
lime & shale strata	1590
shale & lime strata	1910
lime & shale	1990
shale & lime strata	2030
lime	2055
shale	2125
lime & shale strata	2155
lime	2190
lime & shale	2145
shale & lime strata	2514
shale	2612
lime & shale	2640
arg. shale	2656
lime & shale	2676
lime	2777
shale & lime	2835
lime	2934
shale	3217
lime	3275
shale	3413
shale & lime	3733
lime	3919
shale	4204
lime	4230
sand	4257
lime	4264
sand	4270
lime	4320

Top Kansas City Ls. 3164' (-1767)
Base 3380' (-2572) G.S.O.

Top Miss. Ls. 3703' (-2028)
Base 3996' (-2379) G.S.O.

Top Hilsner Sd. 4080' (-2663)
Base 4085' (-2668) N.S.O.

Top Viola Ls. 4096' (-2681)
Base 4319' (-2802) N.S.O.

Top Simpson Sd. 4119' (-2702)
Base 4231' (-2820) G.S.O.

Top Arbuckle Ls. 4237' (-2930)
Fon. 492'
T.D. 4730' N.S.O.

Run Reno Wells Caliper Log & Comm Ray Log.

Drill Log

10-25-59 No.I. & R.U.C.T. Bailed & scrubbed hole clean.

11-4-59 No.O.C.T. (waiting on work pump.)

12-7-59 No.I.C.T.

14 Run Reno Pump w/121 joints (4212.6')
1 1/2" O.D. cold bar tubing & 1-6" sub.
No.O.C.T.

20 Produced & injected 7,072 bbls. wtr. in 7 1/2 hrs wells, operated 21 hrs., lost i injection system.

22 Produced & injected on art. 6,325 bbls. wtr., motor trouble on 2 injur wells.

23 Produced & injected on art. 6,017 bbls. wtr. in 24 hrs. Motor trouble on 2 motor, static fluid level 622', pumping fluid level 617'.

24 Produced & injected 6,017 bbls. wtr. in 24 hrs. Motor trouble on 2 motor, static fluid level 622', pumping fluid level 617'. (Arbuckle Ls. - Entry 1)
Well circulates.

T.D. 4730'

4-6-60