

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

OR
FORMATION PLUGGING RECORD

Strike out upper line
when reporting plug-
ging off formations.

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bittling Building
Wichita, Kansas

Barton County. Sec. 10 Twp. 20 Rge. II (#) (W)

Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines 170' west 290' north S. E.

Lease Owner Derby Oil Co. corner of S.W. Quarter

Lease Name State Well No. 4

Office Address Wichita, Kansas

Character of Well (completed as Oil, Gas or Dry Hole) Oil

Date well completed Feb. 28th 1940 19

Application for plugging filed Feb. 11, 1947 19

Application for plugging approved Feb. 12, 1947 19

Plugging commenced Feb. 12, 1947 19

Plugging completed Feb. 17, 1947 19

Reason for abandonment of well or producing formation Exhausted

If a producing well is abandoned, date of last production Jan. 28, 1947 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 Herb Kerr

Producing formation Arbuckle Depth to top 3288' Bottom 3319 Total Depth of Well 3319 Feet

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

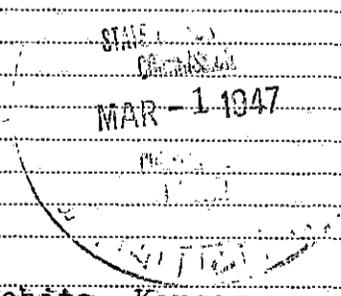
CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
				4 1/2 O. D.		2486'

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 hold. If cement or other plugs were used, state the character of same and depth placed, from 3240' feet to feet for each plug set.

dumped 6 sax cement plugged back to 2856' with rock and cement and dumped 4 sax cement and mudded hole. dumped 16 sax cement at 260' mudded to top surface and cemented with 10 sax.

3-1-47



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

Correspondence regarding this well should be addressed to Derby Oil Co. Wichita, Kansas

Address Harper Well Service Box C. Burrtton, Kansas

STATE OF _____, COUNTY OF _____, ss.

(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.

Harper Well Service
(Signature) Arthur K. Harper

(Address)

SUBSCRIBED AND SWORN to before me this 26th day of Feb, 1947

Ralph E. Arbogast
Notary Public.

My commission expires March 26, 1949

PLUGGING
FILE SEC 10 T 20 R 11 W
BOOK PAGE 100 LINE 16

STATE RIVERHEAD #4

Contr: Crow Drilling Location: SESW Approx. 170' W. of E.
 Drig. Started: 2/2/40 Line SW 1/4 290' N. of S. Line.
 Drig. Completed: 3/4/40 10-20-11W.

Casing Record

244' 7" O.D. Used Surface Casing at 250' cemented with 25
 3285' 4 1/2" 10 thrd. 9 1/2" Stand. Sacks Lono Star and S5 sacks Oil
 Max.
 Standard casing at 3288 cemented
 with 60 sacks Ideal regular cement

Drillers Log

Sand	80	Shale & Lino	3297
Shale & Shells	158	Lino	3301-3291
Shale	215		T.D.
Red Rock	345		
Shale & Shells	486		
Anhydrite	516		
Shale & Shells	707		
Red Shale & Shells	860		
Salt & Shale	1295		
Lino	1306		
Shale & Lino	1345		
Chert & Lino	1378		
Broken Lino	1403		
Lino	1454		
Shale & Lino Shells	1710		
Lino	1734		
Chert	1742		
Lino	1778		
Lino & Shale Streaks	1912		
Shale	1955		
Lino & Shale	2178		
Shale	2255		
Shale & Lino	2398		
Lino	2430		
Shale & Lino	2496		
Sandy Shale	2540		
Lino	2551		
Shale & Lino	2560		
Lino	2573		
Broken Lino	2598		
Shale	2636		
Lino	2935		
Lino & Shale	2980		
Shale & Shells	3029		

Cable Tools

Drilled plug @ 3288
 Rainbow Show Oil 3289
 First Oil 3293-95
 Increase Oil 3295-96
 360' fill up 45 mins.
 570' fill up 1 hr.
 No show 3296-97 T. D.
 Dolomite 3297
 Swabbed 24.9 bbls. 3 hrs.
 800' O. B.
 Swabbed 46.25 bbls. 7 1/2 hrs.
 2 ft. cavings in hole
 1500 Acid 5 bbls/hr 3 hrs.
 3000 Acid Swabbed 12 bbls.
 Per hr. 4 hrs. 200' O.B.
 State Potential 3/20/40 pumped
 89 bbls 8 hrs. Physical potential
 268 bbls.

Geological Log

Top Topoka 2646
 Slight stain no Porosity 2855-65
 Top Lansing 3050
 Sl. oolitic - sl. oil stain 3058-65
 Pity. oolitic, sl. stain, poor
 poros 3215-25
 Top Arbuckle 3287 corr
 T. D. 3297

Lino & Shale
 Lino

3063
 3287

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FEB 2 1940