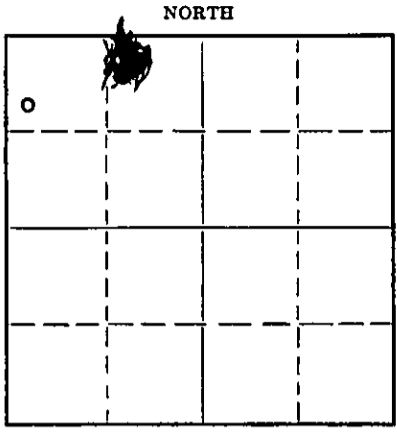


15-169-00913-00-00

STATE OF KANSAS
STATE CORPORATION COMMISSION
All Information Completely
Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bitting Building
Wichita, Kansas

WELL PLUGGING RECORD

Saline County. Sec. 2 Twp. 16S Rge. 3W (E) (W)
Location as "NE/CNW/SW" or footage from lines SW NW NW
Lease Owner Spaeth Bros. & Snyder
Lease Name Bjorklund Well No. 3
Office Address P. O. Box 569, Salina, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) abandoned Oil well
Date well completed October 13, 1950 19
Application for plugging filed February 14, 1953 19
Application for plugging approved February 16, 1953 19
Plugging commenced February 17, 1953 19
Plugging completed February 21, 1953 19
Reason for abandonment of well or producing formation oil depleted



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 Ruel Durkes
Producing formation Depth to top Bottom Total Depth of Well 338 1/2 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" | 290' | 0 |
| | | | | 5-1/2" | 3377' | 2838' |

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.

Plugged back with crushed rock from 348 1/2 feet to 3370 feet. Dumped 6 sacks of cement with dump bailer at 3370 feet. Top of cement 3332 feet. Filled with mud to 175 feet. Set rock bridge and dumped 15 sacks of cement. Top of cement 130 feet. Filled hole with mud to 20 feet. Set rock bridge, dumped 5 sacks of cement for cap.

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

Name of Plugging Contractor J. & M. Casing Pulling Company
Address P. O. Box 711, Great Bend, Kansas

STATE OF KANSAS COUNTY OF SALINE, ss.
J. E. Spaeth (employee 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) J. E. Spaeth
405 E. Park Lane - Salina, Kansas (Address)

SUBSCRIBED AND SWORN to before me this 4th day of March, 1953
Charles O. Smith, Notary Public.

My commission expires November 15, 1956

23-8390-6-51-20M
PLUGGING
PAGE SEC 2 T 16 R 3W
BOOK PAGE 79 LINE 12

CONSERVATION DIVISION
WICHITA, KANSAS

15-169-00913-00-00

ROTARY DRILLERS' LOG

Spaeth Bros. & Snyder
405 Park Lane
Salina, Kansas

Elevation: 1291.30 KB
Laughlin-Simmons 1289 D. F.
1286 G. L.

Bjorklund #3

Top 8 5/8" x 5 1/2" Hinderliter
head 6.50' below top of K. B.

50' So. C SW¹/₄ NW¹/₄ NW¹/₄
Section 2-16S-#3W
Saline County, Kansas

"CASING RECORD"
8 5/8"-290'. cemented with 210
sax cement, cement circu-
lated.
5 1/2"-3377', cemented on bottom
with 50 sacks.

Commenced: September 3, 1950
Completed: September 19, 1950

Contractor: E. K. Carey, Contractor (Rig #2) Box 620, McPherson, Kansas.
Geologist: Donald Hoy Smith, 5206 East Central, Wichita, Kansas

Figures Indicate Bottom of Formations K.B.

| | | | |
|-----------------------------|------|------------------|---------|
| Rotary Table, Base & Cellar | 8 | Lime | 2508 |
| Clay - Shale | 30 | Lime and Shale | 2560 |
| Sand | 40 | Shale and Lime | 2635 |
| Shale and Shells | 290 | Lime and Shale | 2710 |
| Lime | 360 | Shale and Lime | 2780 |
| Lime and Shale | 635 | Shale | 2804 |
| Lime | 900 | Mississippi Lime | 3116 |
| Shale and Lime | 1160 | Shale and Lime | 3125 |
| Shale and Shells | 1665 | Shale | 3223 |
| Lime and Shale | 1890 | Lime | 3239 |
| Lime | 1950 | Shale | 3295 |
| Shale and Lime | 2110 | Lime | 3377 TD |
| Shale | 2167 | | |

GEOLOGIST - TOPS

| | | | | | |
|------------------|------|---------|--------------------|-----------|---------|
| Lansing - K.C. | 2167 | (- 876) | Maquoketa Shale | 3232 | (-1941) |
| Mississippi | 2804 | (-1513) | Maquoketa Dolemite | 3295 | (-2004) |
| Kinderhook Shale | 3060 | (-1769) | Viola | 3348 | (-2057) |
| Misener Sand | 3221 | (-1930) | Pay | 3363 - 77 | |
| Hunton | 3222 | (-1931) | Total Depth | 3377 | (-2086) |

Drill Stem Test #1 - 3363 - 3377, Tool open 30 minutes; Recovered 580' mud; 10 min BHP - 1200#.
Drill Stem Test #2 - 3363 - 3377; Tool open 3 hrs. Recovered 520' heavy oil cut mud; 540' oil and water; 300' water with traces of oil; 10 min. BHP - 800#.

The above Rotary Drillers' Log is complete and correct to the best of my knowledge.

E. K. CAREY, CONTRACTOR

(Signed) Herbert Rhoton
By Herbert Rhoton, Supt.

15-169-00913-00-00

September 27, 1950

TIME LOG

Spaeth Bros. & Snyder
 No. 3 Bjorklund
 SW 1/4 NW Sec. 2-168-SW
 Northeast Olsson Pool
 Saline County, Kansas

Elevations: 1286 Ground Level
 1289 Derrick Floor
 1291 Rotary Bushing
 Contr.: E. K. Carey
 Spud: 9-3-50
 Size hole: 7-7/8"
 3-5/8" csg @ 290'; 5-1/2" csg @ 3377'

Note: All measurements are from the top of the Rotary Bushing which is 2' above the Derrick Floor.

2-foot time from 2150' to 3200'; 1' Time from 3200' to Total Depth

| Depth | Time | Remarks |
|-----------|-------------------------------|------------------------------------|
| 2150-2160 | 8- 9- 8- 8- 8 | |
| 2160-2180 | 8- 7- 8-12-17-18-14-18-13-15 | Lansing-Kansas City 2167 |
| 2180-2200 | 14-12-13- 7-15-17-13-12-11- 5 | |
| 2200-2220 | 10-15-22-15-22- 9- 8- 5- 7- 8 | Trip 2210 |
| 2220-2240 | 10-10-16- 9- 8- 8-11-11-13-13 | |
| 2240-2260 | 19-13- 7- 6- 8-10-10-10- 6- 4 | |
| 2260-2280 | 4- 3- 1- 2- 2- 2- 3- 4- 6-12 | |
| 2280-2300 | 14- 8- 5- 5- 5-11-16-19-20-20 | |
| 2300-2320 | 19-22-14-15-15-15-15-18-12-12 | |
| 2320-2340 | 15-10-19-10- 9-10-11-10-20-15 | |
| 2340-2360 | 17-16-12-21-20-20- 9-17-15-15 | |
| 2360-2380 | 18-20-22-22-20-23-22-21-25-17 | |
| 2380-2400 | 15-11- 7-1 - 3- 5- 4- 6-14-11 | |
| 2400-2420 | 13- 9- 4- 2- 2- 2- 2- 7-11-18 | |
| 2420-2440 | 17-16-15-15-13-13-13-14-12- 7 | |
| 2440-2460 | 9-14-18-19-12- 9-10-12- 9-13 | |
| 2460-2480 | 4- 3- 2- 3-13-17-18-18-17-17 | |
| 2480-2500 | 15-15-15-13-17-17-13-14-11-10 | Trip 2486 |
| 2500-2520 | 9-10-10-12-13- 6- 9-10-12-11 | |
| 2520-2540 | 14-14-10- 6-12- 7- 5-16-10-13 | |
| 2540-2560 | 15- 6- 4- 4- 7-13- 8- 7- 7-10 | Case Kansas City 2542 |
| 2560-2580 | 11-10- 9-10-12-13-10- 9-11-12 | |
| 2580-2600 | 11-14-13- 6- 6-12- 9- 9- 8- 7 | |
| 2600-2620 | 12-13-12-13-19-15- 9- 9-12-13 | |
| 2620-2640 | 15-18-18-18-17-18-16- 9- 9-15 | |
| 2640-2660 | 17-14-10-17-16-15-18-15-18-18 | |
| 2660-2680 | 11-11-11- 8-10-12-13-13- 9-10 | Cherokee shale 2660 |
| 2680-2700 | 18-13-11-10-10-10-11- 9- 9-10 | |
| 2700-2720 | 14-14-12-11-12-15- 8- 8-13-12 | |
| 2720-2740 | 14-14-14-18-15-12-13-12-13-12 | |
| 2740-2760 | 9-11-10-10-13-14-14-11-14-11 | |
| 2760-2780 | 14-11-13-12-18-18-16-12-15-17 | |
| 2780-2800 | 15-12-12-14-10- 9-10-13-12-16 | / S.R. 2802-04 |
| 2800-2820 | 18-11-14-14-19-16-18-15- 7-13 | Trip 2802; "Mississippi Lime" 2804 |
| 2820-2840 | 25-25-10-10-19-15-19-26-27-30 | S.R. 32-34 |

PLUGGING
 FILE SEC 216 R 32
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15-169-00913-00-00

Page 12 TIME LOG
Spaeth Bros. & Snyder vs Bjorklund
Sw NW NW Sec. 2-163-34
Northeast Olsson Pool
Saline County, Kansas

| | |
|-----------|-------------------------------|
| 2840-2860 | 19-13-10- 7-16-15-18-26-19-31 |
| 2860-2880 | 22-14-18-15- 9- 9-14-26-26-12 |
| 2880-2900 | 8-16-10-11-16- 9-10- 8- 5- 5 |
| 2900-2920 | 9- 8-11- 6- 6-12-13- 9- 8-12 |
| 2920-2940 | 16-15-16-14-10- 8-27-29-15-14 |
| 2940-2960 | 20- 8-10-11-13-11-11- 9- 9-12 |
| 2960-2980 | 10- 8- 7-10- 8-15-11-11-11-10 |
| 2980-3000 | 12-16-13-12-12-30-30-15-10- 9 |
| 3000-3020 | 13-25-24-19-23-18-34-30-40-18 |
| 3020-3040 | 22-20-26-19-15-21-23-16-20-20 |
| 3040-3060 | 22-24-25-29-28-25-22-14-17-23 |
| 3060-3080 | 13-18-15-15-18-19-20-13-25-17 |
| 3080-3100 | 16-18-18-18-18-18-14-18-18-19 |
| 3100-3120 | 23-21-22-17-16-17-16-16-14-11 |
| 3120-3140 | 12-12-12-13-16-14-15-21-11-12 |
| 3140-3160 | 12-12-13-12-14-14-12-14-14-13 |
| 3160-3180 | 13-11-12-12-12-11-11-12-12-11 |
| 3180-3200 | 12-11-11-12-13-11-12-12-12-13 |
| 3200-3210 | 6- 6- 6- 6- 7- 6- 6- 6- 5- 6 |
| 3210-3220 | 5- 6- 7- 7- 5- 7- 7- 6- 7- 6 |
| 3220-3230 | 6- 9-16-16-15-14-17-13-14-15 |
| 3230-3240 | 15-15-14-14-14-13-15-13-13- 7 |
| 3240-3250 | 7- 3-10- 8- 7- 7- 7- 7- 8- 7 |
| 3250-3260 | 7- 6- 8- 3- 7- 6- 6- 7- 7- 7 |
| 3260-3270 | 8- 7- 6- 7- 8- 7- 6- 6- 6- 6 |
| 3270-3280 | 5- 6- 7- 6- 7- 7- 7- 6- 7- 7 |
| 3280-3290 | 7- 8- 7- 8- 6- 8- 8- 8- 8- 8 |
| 3290-3300 | 8- 7- 7- 7- 7- 8- 7-10- 6- 6 |
| 3300-3310 | 7- 7- 8- 8- 8- 7- 9- 8- 9- 9 |
| 3310-3320 | 7- 8- 9-10- 8- 7- 9- 8- 8- 8 |
| 3320-3330 | 8- 8- 3- 3- 6- 7- 7- 8- x- 8 |
| 3330-3340 | 7- 8- 8- 8- 8- 6- 9- 8- 9- 8 |
| 3340-3350 | 8- 8- 8- 9- 8- 8- 9- 9-12-16 |
| 3350-3360 | 14-19-17-17-17-16-16-16-17-17 |
| 3360-3370 | 16-15-15-14-10-10-11-10-12-13 |

3370-3377 I.M. 13-12-12-17-10-10-12

S.K. 42-44, 53-60
S.K. 62-64, S.K. 76-78
S.K. 32-36, 38-42, 38-2900
S.K. 02-04

Trip 2942
S.K. 78-80

S.K. 06-08, Trip 3018

Kinderhook shale 3060

Wisener sand 3221
Manton 3222

Maquoketa shale 3252; Trip 3239

Maquoketa dolomite 3295

x equals Kelly correction, 3328
equals 29

Viola 3343

S.K. 63-66, S.K. 67-68, Circ.
hrs. @ 3368

Lost circulation at 3377, Circ. 2
hrs. @ 3377, Drill stem test No. 1
3363-37, 1/2 hr, rec. 530' drilling
mud; 10 min. SHP 1200 pounds,
Drill stem test No. 2 3363-77
3 hrs, rec. 520' heavy oil cut mud,
540' oil & wtr, 300' wtr with trace
oil; 10 min. SHP 300 pounds

5-1/2" casing 3377

(Time Log Condensed by Don A. Smith)

3370
6-12
337 D.S.

15-169-00913-00-00

April 14, 1953.

Spaeth Bros. & Snyder,
Att: Mr. J. E. Spaeth,
P. O. Box 569,
Salina, Kansas

Gentlemen:

You filed a well plugging application form dated February 14, 1953, and requested a permit to plug your Bjorklund well No. 3, located S. N. W. of Section 2-Township 16South, Range 3 west, Saline County Kansas. We issued you a plugging permit, File No. 79-12, dated February 16, 1953, and the well was plugged about the 24th day of February.

Before we are able to complete our file on this well, it will be necessary for you to complete the attached well plugging record form and file it with this department. The Kansas plugging law states that this form shall be filed not later than 15 days after plugging has been completed. We desire to complete our file on this well without further delay and we ask you to give this matter your immediate attention.

Very truly yours,

STATE CORPORATION COMMISSION
CONSERVATION DIVISION

FY: _____
WELL PLUGGING SUPERVISOR

SSG:lav
Encls. (1)