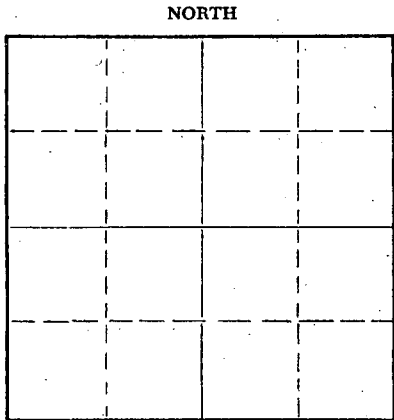


WELL PLUGGING RECORD

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

Barber County, Sec. 1 Twp. 31S Rge. 14W (E) (W)

Location as "NE/CNW/SW" or footage from lines SE SW SE  
Lease Owner Aylward Drilling Company  
Lease Name Lake Well No. 1  
Office Address 813 First Nat'l. Bank Bldg., Wichita, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole  
Date well completed November 24 19 54  
Application for plugging filed \_\_\_\_\_ 19 \_\_\_\_\_  
Application for plugging approved \_\_\_\_\_ 19 \_\_\_\_\_  
Plugging commenced December 18 19 54  
Plugging completed December 23 19 54  
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 Merle Rives, Box 8, Pratt, Kansas  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 4619 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" | 185'   | None       |
|           |         |      |    | 5-1/2" | 4611'  | 3587'      |
|           |         |      |    |        |        |            |
|           |         |      |    |        |        |            |
|           |         |      |    |        |        |            |
|           |         |      |    |        |        |            |

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.

Hole was plugged back to 4450' and casing perforated at 4232'. Filled hole with sand from 4450' to 4220' and ran 5 sacks of cement. Mudded hole to 300', set a 10' rock bridge and ran 12 sacks of cement at 290'. Bailed and mudded hole to 185', set a 10' rock bridge and ran 5 sacks of cement at 175'. Mudded hole to 40', set a 10' rock bridge and ran 10 sacks of cement on top. Plugging completed.

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor West Supply Co., Inc.  
Address Chase, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.  
Paul W. Hesse (employee of owner) or (~~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) Paul W. Hesse  
813 1st Nat'l Bank Bldg., Wichita, Kansas  
(Address)

SUBSCRIBED AND SWORN TO before me this 28th day of December, 19 54

My commission expires December 11, 1957 Duane Jessup Notary Public.

**PLUGGING**  
FILE SEC 1 T 31 R 14 W  
BOOK PAGE 87 LINE 7

12-29-54

LAKE #1

Casing Record:  
8-5/8" @ 85 w/100 sax  
5-1/2" @ 4611 w/175  
Pozmix

Company: Aylward Drilling Company  
Contractor: Aylward Drilling Company  
Commenced: November 6, 1954  
Completed: November 24, 1954

Location:  
SE SW SE  
Section 1-31-14  
Barber County, Kansas  
Elevation: 1694 R.B.

|                           | From | To       | Geological Tops                         | Sample       |
|---------------------------|------|----------|---|--------------|
| Sand Stone & Red Rock     | 0    | 25       | Heebner                                 | 3628 (-1934) |
| Red Rock & Sand           | 25   | 125      | Douglas Sand                            | 3767 (-2073) |
| Red Rock, Shale, & Shells | 125  | 560      | Prown Lime                              | 3801 (-2107) |
| Shale, Shells, & Red Rock | 560  | 690      | Lansing                                 | 3811 (-2117) |
| Red Bed & Shale           | 690  | 870      | Base K.C.                               | 4222 (-2528) |
| Shale & Shells            | 870  | 975      | Marmaton                                | 4238 (-2544) |
| Red Rock, Shale & Shells  | 975  | 1202     | Mississippi                             | 4306 (-2612) |
| Shale & Shells            | 1202 | 1230     | Kinderhook                              | 4332 (-2628) |
| Shale & Shells            | 1230 | 1540     | Maquoketa                               | 4392 (-2698) |
| Shale & Lime              | 1540 | 1680     | Viola ?                                 | None Called  |
| Lime                      | 1680 | 1735     | Simpson Shale                           | 4500 (-2806) |
| Limestone & Shale         | 1735 | 1890     | Simpson Sand                            | 4550 (-2856) |
| Lime & Shale              | 1890 | 2015     | Arbuckle                                | 4609 (-2915) |
| Lime & Shale              | 2015 | 2125     | Rotary Total Depth                      | 4612 (-2918) |
| Lime & Shale              | 2125 | 2255     |   |              |
| Lime & Shale              | 2255 | 2385     | <u>DRILL STEM TEST #1</u>               |              |
| Lime & Shale              | 2385 | 2480     | 3768-75 Open 1 hour: Rec. - 900' gas,   |              |
| Lime & Shale              | 2480 | 2615     | 75' oil and gas cut mud / 700' salt     |              |
| Shale & Lime              | 2615 | 2745     | water. B. H. P. in 20 minutes 1400#,    |              |
| Shale & Lime              | 2745 | 2870     | I.F.P. - 39#, F.F.P. - 240#             |              |
| Shale & Lime              | 2870 | 2975     |   |              |
| Lime & Shale              | 2975 | 3085     | <u>DRILL STEM TEST #2</u>               |              |
| Lime & Shale              | 3085 | 3190     | 4283-4315 Open 1 hour. Recovered -25'   |              |
| Lime & Shale              | 3190 | 3253     | mud B.H.P. in 20 minutes - 174#         |              |
| Lime & Shale              | 3253 | 3360     |   |              |
| Lime & Shale              | 3360 | 3448     | <u>DRILL STEM TEST #3</u>               |              |
| Lime & Shale              | 3448 | 3518     | 4384-4400 Open 1 hour. Gas in 2 min.    |              |
| Shale & Lime              | 3518 | 3586     | gauge 500,000' in 1 hour. Rec. 45" gas  |              |
| Lime & Shale              | 3586 | 3723     | cut mud, 60' h.o. and gas cut mud, 520' |              |
| Lime & Shale              | 3723 | 3775     | oil / 260 feet salt water. B.H.P. in 20 |              |
| Sand Lime & Shale         | 3775 | 3860     | min. 1196#. I.F.P. 174#, F.F.P. 360#.   |              |
| Lime & Shale              | 3860 | 3920     |   |              |
| Lime                      | 3920 | 3975     | <u>CABLE TOOL DATA</u>                  |              |
| Lime                      | 3975 | 4048     | Drilled plug, drilled deeper to 4619' - |              |
| Lime                      | 4048 | 4090     | HFW. Plug at 4605' -perf. 18 holes      |              |
| Lime & Shale              | 4090 | 4135     | 4549-66 no show; perf. 9 holes 4521-73, |              |
| Lime & Shale              | 4135 | 4180     | 15 holes 4380-93, 24 holes 4393-99,     |              |
| Lime & Shale              | 4180 | 4257     | show oil & water 4393-99; plug back to  |              |
| Lime & Shale              | 4257 | 4284     | 4450; perf. 9 holes 4404-12, no show;   |              |
| Chat & Shale              | 4284 | 4310     | perf. 11 holes 4232-4240, no show.      |              |
| Chate & Shale             | 4310 | 4315     |   |              |
| Lime & Shale              | 4315 | 4326     | D & A                                   |              |
| Lime & Shale              | 4326 | 4385     |   |              |
| Lime                      | 4385 | 4400     |   |              |
| Lime & Shale              | 4400 | 4552     |   |              |
| Shale Sand Lime           | 4552 | 4597     |   |              |
| Lime & Shale              | 4597 | 4612T.D. |   |              |

I certify that this is a true and correct copy of the above log to the best of my knowledge

PLUGGING  
WELL SEC. 1-31-14  
BOOK PAGE 87-117

Paul W. Hesse  
Paul W. Hesse

Subscribed and sworn to before me this \_\_\_\_\_ day of December 1954.

Duane Jessup  
Notary Public