

## LOG OF OIL OR GAS WELL

Date November 25, 1960 Title District Production Supt.

~~The summary on this page is for the condition of the well at above date.~~

Commenced drilling November 8, 1960 Finished drilling November 17, 1960

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from 151 to 192 No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from AMERICAN to AMERICAN No. 3, from AMERICAN to AMERICAN

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated |     | Purpose |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|-----|---------|
|             |                 |                  |      |        |              |                     | From—      | To— |         |
| 5/8"        | 26.4#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 1 1/8"      | 30.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 1 3/8"      | 33.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 1 1/2"      | 36.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 1 7/8"      | 39.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 2"          | 42.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 2 1/8"      | 45.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 2 1/4"      | 48.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 2 3/8"      | 51.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 2 1/2"      | 54.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 2 7/8"      | 57.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 3"          | 60.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 3 1/8"      | 63.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 3 1/4"      | 66.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 3 3/8"      | 69.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 3 1/2"      | 72.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 3 7/8"      | 75.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 4"          | 78.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 4 1/8"      | 81.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 4 1/4"      | 84.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 4 3/8"      | 87.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 4 1/2"      | 90.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 4 7/8"      | 93.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 5"          | 96.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 5 1/8"      | 99.0#           | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 5 1/4"      | 102.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 5 3/8"      | 105.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 5 1/2"      | 108.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 5 7/8"      | 111.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 6"          | 114.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 6 1/8"      | 117.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 6 1/4"      | 120.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 6 3/8"      | 123.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 6 1/2"      | 126.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 6 7/8"      | 129.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 7"          | 132.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 7 1/8"      | 135.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 7 1/4"      | 138.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 7 3/8"      | 141.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 7 1/2"      | 144.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 7 7/8"      | 147.0#          | 8.75             | 302  | 32     | 12           | 12                  | 12         | 12  | 12      |
| 8"          | 150.0#          |                  |      |        |              |                     |            |     |         |

### MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 5/8"        | 352'      | 220                    | Pump & Plug | Fresh water |                    |
| 1 1/2"      | 4733'     | 120                    | Pump & Plug | 10.2        |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_ *ms*

## SHOOTING RECORD

| <b>Size</b> | <b>Shell used</b> | <b>Explosive used</b> | <b>Quantity</b> | <b>Date</b> | <b>Depth shot</b> | <b>Depth cleaned out</b> |
|-------------|-------------------|-----------------------|-----------------|-------------|-------------------|--------------------------|
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|             |                   |                       |                 |             |                   |                          |

## TOOLS USED

Rotary tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

-----~~December 26~~-----, 19-~~60~~ Put to producing -----~~November 21~~-----, 19-~~60~~

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil: ----- %

emulsion: ---% water; and ---% sediment. Gravity. °Bé. ---

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

\_\_\_\_\_, Driller

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

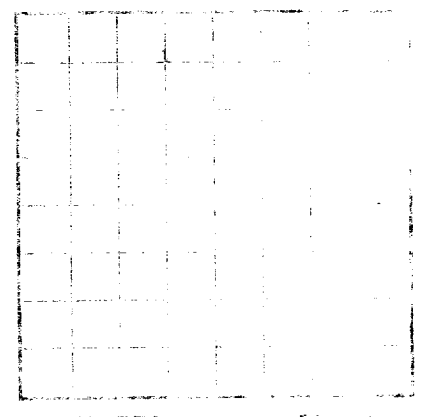
# FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                          |
|-------|------|------------|------------------------------------|
| 0     | 9    | 9          | K.B. to ground level.              |
| 9     | 725  | 716        | Undifferentiated shale, and sand.  |
| 725   | 1128 | 403        | Anhydrite w/shale & sand stringers |
| 1128  | 4335 | 3207       | Salt w/anhydrite stringers         |
| 4335  | 4558 | 223        | Anhydrite                          |
| 4558  | 4583 | 25         | Limestone                          |
| 4583  | 4734 | 151        | Sandstone w/silt & shale.          |
|       |      |            | Electric Log Tops:                 |
|       |      |            | T/Rustler - 725'                   |
|       |      |            | T/salt 1128'                       |
|       |      |            | B/salt 4335'                       |
|       |      |            | T/Lamar 4558'                      |
|       |      |            | T/Delaware 4583'                   |

Electric Log Tops:  
T/Rustler - 725'  
T/salt 1128'  
B/salt 4335'  
T/Lamar 4558'  
T/Delaware 4583'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



1. Drilled 9 7/8" hole with rotary tools to 352' 7 5/8" on 26.4" casing and cemented with 250 sacks 50-50 Portland, 50 gal. circulated cement to surface. MOC 18 hrs. Tested casing to 600 psi. Held 6 3/4" hole from 352' to 4596'. Cased from 4596' to 4734' with 6 11/16" wire line. Ran sonic gamma ray and laterolog logs. Ran 149 joints 4 1/2" OD, 9.5#, 2-55 casing, cemented at 4733' with 70 sacks 50-50 Portland, 25 gal. latex cement. MOC 18 hrs. (temperature 500° F.) Top cement at 4750' (temperature 500° F.) MOC 18 hrs., pressure tested casing to 1500 psi, held okay. Oil or gas sands or zones. Perforated casing with jets, 4600' to 4620'. Ran casing and tested well into flowing state. Potential test at 4620' showed 69 barrels oil in 23 hrs., 4 1/2 BS. Gas not measured.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes in the casing, state fully, and if any casing was attached, or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

10-43004-2 U. S. GOVERNMENT PRINTING OFFICE

| DATE | DEPTH | TIME | REMARKS |
|------|-------|------|---------|
|      |       |      |         |

| MIDDLING AND CEMENTING RECORD |      |         |                       |
|-------------------------------|------|---------|-----------------------|
| DATE                          | TIME | REMARKS | AMOUNT OF CEMENT USED |
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