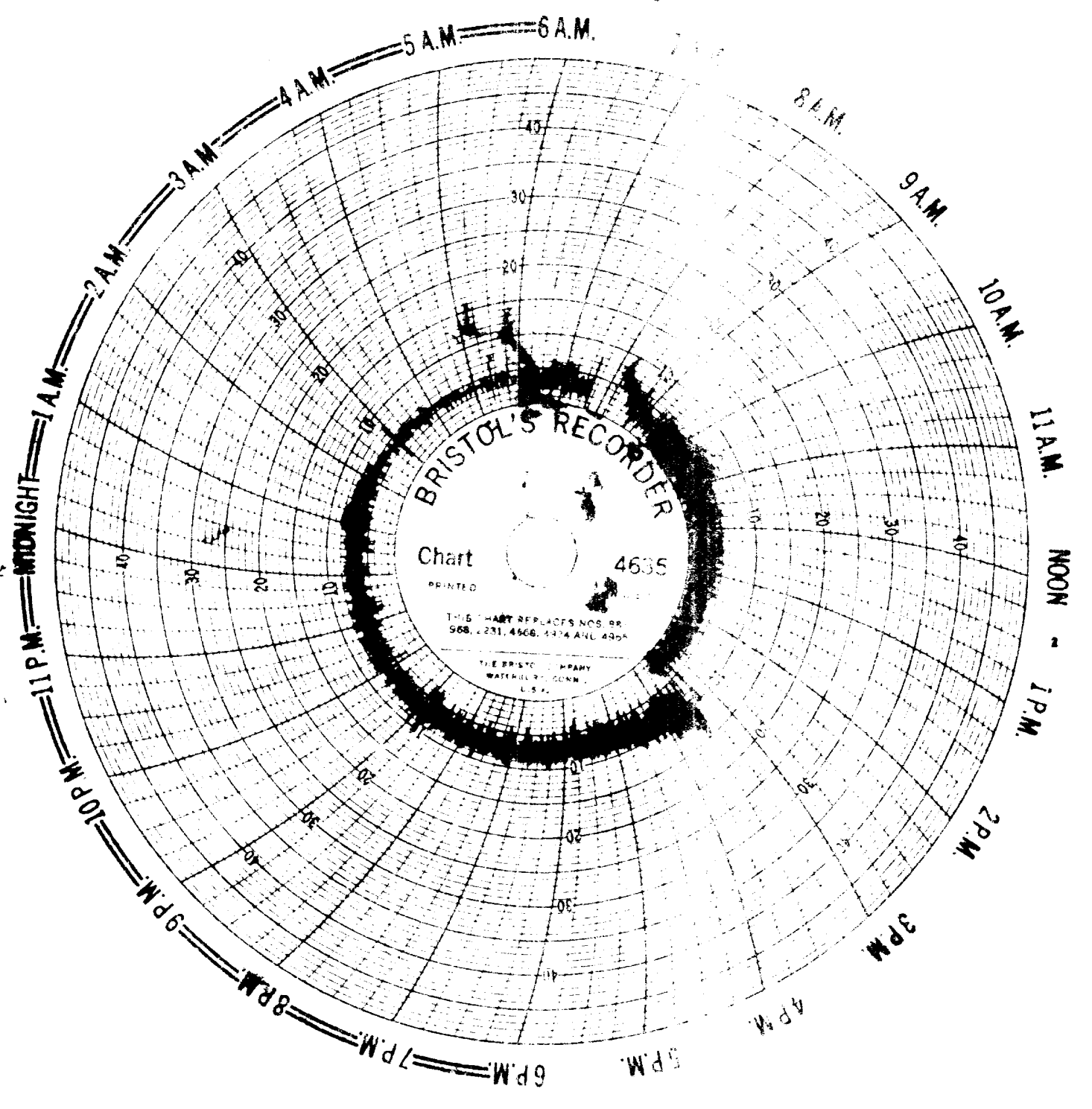
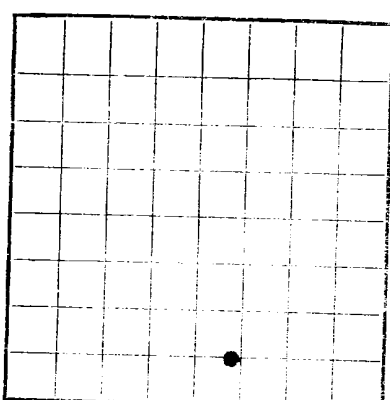






LOCATE WELL CORRECTLY

U. S. LAND OFFICE **New Mexico**SERIAL NUMBER **N.M. 048581**

LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company **Gackle Drilling Company, Inc.** Address **Box 2076, Hobbs, New Mexico**  
Lessor or Tract **Graham-Paige Federal** Field **Jalmat** State **New Mexico**  
Well No. **1** Sec. **27** T. **24** R. **36** Meridian **NMPM** County **Lea**Location **660** ft. <sup>N.</sup><sub>S.</sub> of **S.** Line and **1980** ft. <sup>E.</sup><sub>W.</sub> of **E.** Line of **27** Elevation **3307**  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date **March 11, 1961**Title **R. F. Montgomery**  
**Agent**

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

Commenced drilling **April 2,** 19**60** Finished drilling **April 12**, 19**60**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3398** to **3414 G** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **3469** to **3471 G & O** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from **3462** to **3471** No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
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—         |                |
| <b>8 5/8</b> | <b>24</b>          | <b>8</b>         | <b>LS</b> | <b>224</b>    | <b>Guide</b> |                     |             |             |                |
| <b>5 1/2</b> | <b>17 &amp; 14</b> | <b>9</b>         | <b>LS</b> | <b>8498.2</b> | <b>Guide</b> |                     | <b>3460</b> | <b>3461</b> | <b>Surface</b> |
|              |                    |                  |           |               |              |                     | <b>3485</b> | <b>3479</b> |                |

## MUDDING AND CEMENTING RECORD

| Size casing  | Where set   | Number sacks of cement | Method used      | Mud gravity | Amount of mud used |
|--------------|-------------|------------------------|------------------|-------------|--------------------|
| <b>8 5/8</b> | <b>224</b>  | <b>175</b>             | <b>P &amp; P</b> |             |                    |
| <b>5 1/2</b> | <b>3498</b> | <b>100</b>             | <b>P &amp; P</b> |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from **0** feet to **3499** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

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

## DATES

\_\_\_\_\_ **March 11,** 19**61** Put to producing \_\_\_\_\_ **April 17,** 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 **862,000 + 127** <sup>100 lbs. water on 29/64 250x TP</sup> Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_ Shut-in April 24th. Waiting on Orders

## EMPLOYEES

\_\_\_\_\_ **J. W. Dyer**, Driller \_\_\_\_\_ **W. J. Botkin**, Driller\_\_\_\_\_ **M. F. Young**, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET  | FORMATION                       |
|-------------|-------------|-------------|---------------------------------|
| <b>0</b>    | <b>1302</b> | <b>1302</b> | <b>Red Sh. &amp; Sand</b>       |
| <b>1302</b> | <b>1450</b> | <b>148</b>  | <b>Anhydrite</b>                |
| <b>1450</b> | <b>3148</b> | <b>1698</b> | <b>Salt &amp; Anhydrite</b>     |
| <b>3148</b> | <b>3299</b> | <b>151</b>  | <b>Anhydrite &amp; Dolomite</b> |
| <b>3299</b> | <b>3499</b> | <b>351</b>  | <b>Sand &amp; Dolomite</b>      |
|             |             |             | <b>Top Anhydrite 1302</b>       |
|             |             |             | <b>Top Salt 1450</b>            |
|             |             |             | <b>Base Salt 2960</b>           |
|             |             |             | <b>Top Yates 3299</b>           |
|             |             |             | <b>T. D. 3499</b>               |

(OVER)

16-48094-4

FORMATION RECORD-Continued

[illegible]

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

## HISTORY OF OIL OR GAS WELL

On April 17, 1960, Perf. 4 SPB, 3460-64. Acidized with 500 gals. and Aired. Strapped well in and started flowing @ rate of 900 MCFPD plus 20 Bbls. water per day. After flowing and swabbing 7 days, could not lower water below 1500 feet. Shut-in with 225# casing pressure. Small-ing orders.

• 91010 007