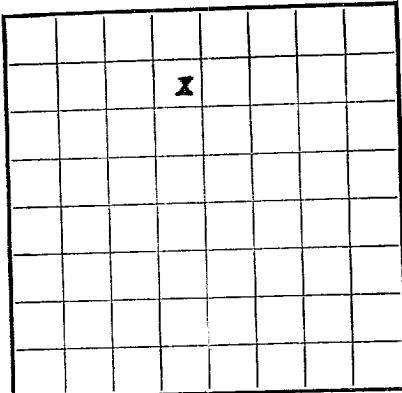


LAS CRUCES  
U. S. LAND OFFICE 029392-A  
SERIAL NUMBER  
LEASE OR PERMIT TO PROSPECTUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY  
**KEOHANE SAUNDERS WELCH & IVERSON** Address **ARTESIA, NEW MEXICO**  
Company **HINKLE A** Field **SHUGART** State **NEW MEXICO**  
Lessor or Tract **12 A** Sec. **35** T. **18S** R. **31E** Meridian **N.M.P.M.** County **EDDY**  
Well No. **12 A** Sec. **35** T. **18S** R. **31E** Meridian **N.M.P.M.** County **EDDY**  
Location **990** ft. **N** of **2310** ft. **E** of **35-18S-31E** Elevation **-**  
(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 **[Signature]** Title **AGENT**  
Date

The summary on this page is for the condition of the well at above date.  
Commenced drilling **JUNE 27TH**, 19 **58** Finished drilling **NOVEMBER 15**, 19 **58**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)  
No. 1, from **3801** to **3807** No. 4, from **2698** to **2728**  
No. 2, from **3852** to **3860** No. 5, from **2860** to **2774**  
No. 3, from **3864** to **3877** No. 6, from to

## IMPORTANT WATER SANDS

No. 1, from to  
No. 2, from to  
No. 3, 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</b>    |                 |                  |      | <b>898</b>  | <b>REG.</b>  |                     | <b>3801</b> | <b>3807</b> |         |
| <b>7</b>    |                 |                  |      | <b>4115</b> | <b>N</b>     |                     | <b>3852</b> | <b>3860</b> |         |
|             |                 |                  |      |             |              |                     | <b>3864</b> | <b>3877</b> |         |
|             |                 |                  |      |             |              |                     | <b>2698</b> | <b>2728</b> |         |
|             |                 |                  |      |             |              |                     | <b>2760</b> | <b>2774</b> |         |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set   | Number sacks of cement | Method used   | Mud gravity | Amount of mud used |
|-------------|-------------|------------------------|---------------|-------------|--------------------|
| <b>8</b>    | <b>898</b>  | <b>50 SACKS</b>        | <b>DENTON</b> | <b>-</b>    | <b>-</b>           |
| <b>7</b>    | <b>4115</b> | <b>225 SACKS</b>       | <b>DENTON</b> | <b>-</b>    | <b>-</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 feet to feet, and from feet to feet  
Cable tools were used from **0** feet to **4292** feet, and from feet to feet

## DATES

Put to producing **12/18/58**, 19  
The production for the first 24 hours was **60** barrels of fluid of which **100** % 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

**HOMER LOWREY**, Driller **CLYDE TIDWELL**, Driller  
Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET  | FORMATION                  |
|-------|-----|-------------|----------------------------|
|       |     | <b>10</b>   | <b>SAND &amp; GYP</b>      |
|       |     | <b>60</b>   | <b>GYP &amp; RED BED</b>   |
|       |     | <b>215</b>  | <b>RED BED</b>             |
|       |     | <b>295</b>  | <b>SAND &amp; RED BED</b>  |
|       |     | <b>370</b>  | <b>SAND &amp; RED ROCK</b> |
|       |     | <b>500</b>  | <b>RED ROCK</b>            |
|       |     | <b>525</b>  | <b>RED BED</b>             |
|       |     | <b>620</b>  | <b>RED ROCK</b>            |
|       |     | <b>660</b>  | <b>RED BED</b>             |
|       |     | <b>725</b>  | <b>RED ROCK</b>            |
|       |     | <b>870</b>  | <b>ANHY.</b>               |
|       |     | <b>893</b>  | <b>SALT</b>                |
|       |     | <b>920</b>  | <b>ANHY.</b>               |
|       |     | <b>925</b>  | <b>RED ROCK</b>            |
|       |     | <b>935</b>  | <b>SALT</b>                |
|       |     | <b>945</b>  | <b>ANHY.</b>               |
|       |     | <b>955</b>  | <b>SALT</b>                |
|       |     | <b>985</b>  | <b>RED BED</b>             |
|       |     | <b>1945</b> | <b>SALT</b>                |
|       |     | <b>1965</b> | <b>ANHY</b>                |

| FROM- | TO- | TOTAL FEET | FORMATION   |
|-------|-----|------------|-------------|
|       |     | 2070       | ANHY & SALT |
|       |     | 2125       | SALT        |
|       |     | 2410       | ANHY.       |
|       |     | 2530       | ANHY BROKEN |
|       |     | 2630       | ANHY        |
|       |     | 2680       | ANHY-SAND   |
|       |     | 2725       | SAND        |
|       |     | 2760       | LIME        |
|       |     | 2770       | SAND        |
|       |     | 2805       | LIME        |
|       |     | 2835       | SANDY LIME  |
|       |     | 3155       | LIME        |
|       |     | 3175       | LIME SANDY  |
|       |     | 3195       | LIME        |
|       |     | 3215       | LIME SANDY  |
|       |     | 3435       | LIME        |
|       |     | 3485       | RED SAND    |
|       |     | 3570       | LIME        |
|       |     | 3590       | LIME SANDY  |
|       |     | 3687       | LIME        |
|       |     | 3707       | LIME, SANDY |
|       |     | 3788       | LIME        |
|       |     | 3829       | LIME, SANDY |
|       |     | 3855       | LIME        |
|       |     | 3895       | LIME        |
|       |     | 3903       | LIME SAND   |
|       |     | 3916       | LIME        |
|       |     | 3965       | SANDY LIME  |
|       |     | 4003       | LIME        |
|       |     | 4032       | SANDY LIME  |
|       |     | 4096       | LIME        |
|       |     | 4202       | GRAY SAND   |
|       |     | 4225       | LIME        |
|       |     | 4252       | SANDY LIME  |
|       |     | 4261       | LIME        |
|       |     | 4284       | LIME SANDY  |
|       |     | 4292       | GRAY SAN    |
|       |     |            | LIME L. D.  |

ELECTRIC LOG ATTACHED

HISTORY OF OIL OR GAS WELL

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 made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

REMARKS

OUT OF OIL OR GAS

FOR OIL OR GAS WELL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY