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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED

556 15 1942

3. GEOLOGICAL SURVEY  
Denver, Colorado

# C. S. LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company KEOHANE-SAUNDERS-MELCH-IVERSON Address 676 V. P. Wilson  
Artesia, New Mexico  
Lessor or Tract \_\_\_\_\_ Field Shugart State New Mexico  
Well No. 2 B Sec. 34 T. 18 R. 31 Meridian NMPM County Eddy  
Location 1650 ft. {N} of 8 Line and 810 ft. {E} of 4 Line of SECTION 34 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.

Date December 24, 1945. Signed Harry Jones  
Title Drilling Supt.

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

Commenced drilling December 2, 1944 Finished drilling Ex January 24, 1945

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

(Denote gas by  $G$ )

|                                        |                            |
|----------------------------------------|----------------------------|
| No. 1, from <u>2730</u> to <u>2742</u> | No. 4, from _____ to _____ |
| No. 2, from _____ to _____             | No. 5, from _____ to _____ |
| No. 3, from _____ to _____             | 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—  |         |
| 2 1/2       | 10.5            | 12               | AMERICAN | 890    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 3           | 11.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 3 1/2       | 12.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 4           | 13.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 4 1/2       | 14.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 5           | 15.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 5 1/2       | 16.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 6           | 17.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 6 1/2       | 18.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 7           | 19.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 7 1/2       | 20.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 8           | 21.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 8 1/2       | 22.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 9           | 23.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 9 1/2       | 24.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 10          | 25.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 10 1/2      | 26.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 11          | 27.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 11 1/2      | 28.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 12          | 29.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 12 1/2      | 30.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 13          | 31.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 13 1/2      | 32.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 14          | 33.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 14 1/2      | 34.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 15          | 35.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 15 1/2      | 36.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 16          | 37.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 16 1/2      | 38.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 17          | 39.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 17 1/2      | 40.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 18          | 41.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 18 1/2      | 42.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 19          | 43.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 19 1/2      | 44.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 20          | 45.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 20 1/2      | 46.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 21          | 47.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 21 1/2      | 48.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 22          | 49.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 22 1/2      | 50.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 23          | 51.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 23 1/2      | 52.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 24          | 53.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |
| 24 1/2      | 54.5            | 12               | AMERICAN | 842    | 1/2"         | 1/2"                | 1/2"       | 1/2" | 1/2"    |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8"          | 890       | 50                     | Halliburton |             |                    |
| 7"          | 2642      | 100                    | Halliburton |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

## 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 |
|------|------------|----------------|----------|---------|------------|-------------------|
| 4W   | 1          | Nitro-Glycerin | 30       | 1-20-45 | 2742 to    | 2750              |
|      |            |                |          |         |            |                   |
|      |            |                |          |         |            |                   |
|      |            |                |          |         |            |                   |

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from 0 feet to 2742 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing **February 1,** 19**45**

The production for the first 24 hours was 150 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 38

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

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

**Paris Davis**

## EMPLOYEES

R. L. Thomas

**Bill FONG**

E. I. Chisman

# FORMATION RECORD

| FROM- | TO-  | TOTAL FEET | FORMATION           |
|-------|------|------------|---------------------|
| 0     | 35   |            | Gyp                 |
| 35    | 140  |            | Red Bed             |
| 140   | 250  |            | Red Bed & Red Sand  |
| 250   | 415  |            | Red Bed             |
| 415   | 460  |            | Red Rock            |
| 460   | 705  |            | Red Bed             |
| 705   | 740  |            | Anhydrite           |
| 740   | 750  |            | Red Bed             |
| 750   | 770  |            | Red Rock            |
| 770   | 845  |            | Anhydrite           |
| 845   | 875  |            | Salt                |
| 875   | 915  |            | Anhydrite           |
| 915   | 925  |            | Red Clay            |
| 925   | 950  |            | Anhydrite           |
| 950   | 985  |            | Salt                |
| 985   | 1000 |            | Anhydrite & Red Bed |
| 1000  | 1120 |            | Salt                |
| 1120  | 1150 |            | Anhydrite           |
| 1150  | 1260 |            | Salt                |
| 1260  | 1300 |            | Anhydrite           |
| 1300  | 1375 |            | Salt                |
| 1375  | 1365 |            | Anhydrite           |
| 1365  | 2395 |            | Lime                |
| 2395  | 2420 |            | Anhydrite           |
| 2420  | 2435 |            | Red Bed             |

**E F F E C T S**