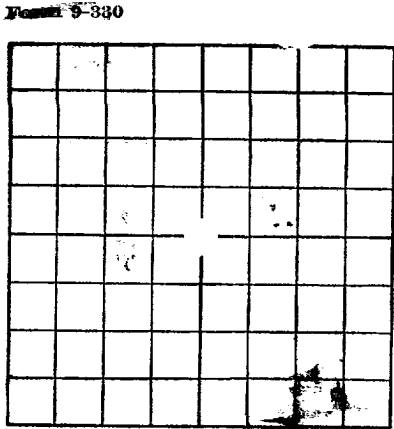




U. S. LAND OFFICE  
SERIAL NUMBER  
LEASE OR PERMIT TO PROSPECT

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company \_\_\_\_\_ Address \_\_\_\_\_  
Lessor or Tract \_\_\_\_\_ Field \_\_\_\_\_ State \_\_\_\_\_  
Well No. \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Meridian \_\_\_\_\_ County \_\_\_\_\_  
Location \_\_\_\_\_ ft. {N.} of \_\_\_\_\_ Line and \_\_\_\_\_ ft. {E.} of \_\_\_\_\_ Line of \_\_\_\_\_ 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 \_\_\_\_\_

Date \_\_\_\_\_ Title \_\_\_\_\_

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

Commenced drilling \_\_\_\_\_, 19\_\_\_\_ Finished drilling \_\_\_\_\_, 19\_\_\_\_

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ 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. 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 |         |
|             |                 |                  |      |        |              |                     |            |    |         |
|             |                 |                  |      |        |              |                     |            |    |         |
|             |                 |                  |      |        |              |                     |            |    |         |
|             |                 |                  |      |        |              |                     |            |    |         |
|             |                 |                  |      |        |              |                     |            |    |         |
|             |                 |                  |      |        |              |                     |            |    |         |
|             |                 |                  |      |        |              |                     |            |    |         |
|             |                 |                  |      |        |              |                     |            |    |         |
|             |                 |                  |      |        |              |                     |            |    |         |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |
|             |           |                        |             |             |                    |

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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

\_\_\_\_\_ 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_  
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 \_\_\_\_\_, Driller

FORMATION RECORD

| FROM | TO   | TOTAL FEET | FORMATION                        |
|------|------|------------|----------------------------------|
| 2546 | 2580 | 34         | Sandy brown shale and anhydrite  |
| 2580 | 2595 | 15         | Brown shale                      |
| 2595 | 2615 | 20         | Lime and anhydrite               |
| 2615 | 2625 | 10         | Sandy lime                       |
| 2625 | 2631 | 6          | Sandy lime                       |
| 2631 | 2635 | 4          | <u>TOP BIG LIME 2631</u>         |
| 2635 | 2656 | 21         | Lime                             |
| 2656 | 2675 | 19         | Lime                             |
| 2675 | 2695 | 20         | Lime                             |
| 2695 | 2715 | 20         | Lime                             |
| 2715 | 2727 | 12         | Brown lime                       |
| 2727 | 2751 | 24         | Lime                             |
| 2751 | 2771 | 20         | Gray lime                        |
| 2771 | 2783 | 12         | Lime---Correction steel line     |
|      |      |            | measurement---depth 2809, three  |
|      |      |            | feet in pay sand, 350 fee oil in |
|      |      |            | 8" hole in 15 hours.             |
| 2806 | 2838 | 32         | Pay sand                         |
| 2838 | 2874 | 36         | Hard white lime                  |
| LEOM | LO   | LOLVT LEEL | LOBN7LION                        |

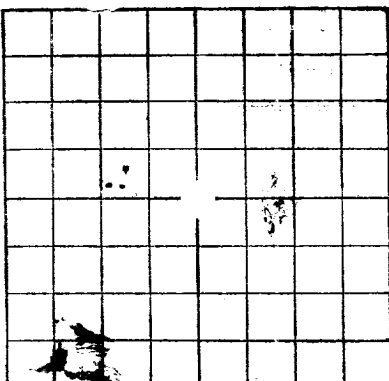
FORMATION RECORD—Continued

(OVER)

## DEPARTMENT OF THE INTERIOR

# GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL



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 \_\_\_\_\_

Location  $\left. \begin{array}{l} \text{ft. } \{ \text{N.} \\ \text{S.} \end{array} \right\}$  of \_\_\_\_\_ Line and \_\_\_\_\_ ft.  $\left\{ \begin{array}{l} \text{E.} \\ \text{W.} \end{array} \right\}$  of \_\_\_\_\_ Line of \_\_\_\_\_ Elevation \_\_\_\_\_

Well No. \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Meridian \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_

Lessor or Trust \_\_\_\_\_

Company \_\_\_\_\_ Address \_\_\_\_\_

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

Title \_\_\_\_\_ Date \_\_\_\_\_

|                    |    |  |                   |    |
|--------------------|----|--|-------------------|----|
| Commenced drilling | 18 |  | Finished drilling | 19 |
|--------------------|----|--|-------------------|----|

**OIL OR GAS SANDS OR ZONES**

(7) and (8) are

|             |    |             |    |
|-------------|----|-------------|----|
| No. 1, from | to | No. 4, from | to |
| No. 2, from | to | No. 5, from | to |
| No. 3, from | to | No. 6, from | to |

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASINO RECORD

## CASING RECORD

[illegible]

**MUDDING AND CEMENTING RECORD**

[illegible]

## PLUGS AND ADAPTERS

[illegible]

|                 |  |  |  |
|-----------------|--|--|--|
| SHOOTING RECORD |  |  |  |
|-----------------|--|--|--|

## SHOOTING RECORD

[illegible]

TOOLS USED

|      |         |                |         |                |
|------|---------|----------------|---------|----------------|
| test | test to | test, and from | test to | test, and from |
| test | test to | test, and from | test to | test, and from |

| DATES |     |
|-------|-----|
| 1     | 2   |
| 3     | 4   |
| 5     | 6   |
| 7     | 8   |
| 9     | 10  |
| 11    | 12  |
| 13    | 14  |
| 15    | 16  |
| 17    | 18  |
| 19    | 20  |
| 21    | 22  |
| 23    | 24  |
| 25    | 26  |
| 27    | 28  |
| 29    | 30  |
| 31    | 32  |
| 33    | 34  |
| 35    | 36  |
| 37    | 38  |
| 39    | 40  |
| 41    | 42  |
| 43    | 44  |
| 45    | 46  |
| 47    | 48  |
| 49    | 50  |
| 51    | 52  |
| 53    | 54  |
| 55    | 56  |
| 57    | 58  |
| 59    | 60  |
| 61    | 62  |
| 63    | 64  |
| 65    | 66  |
| 67    | 68  |
| 69    | 70  |
| 71    | 72  |
| 73    | 74  |
| 75    | 76  |
| 77    | 78  |
| 79    | 80  |
| 81    | 82  |
| 83    | 84  |
| 85    | 86  |
| 87    | 88  |
| 89    | 90  |
| 91    | 92  |
| 93    | 94  |
| 95    | 96  |
| 97    | 98  |
| 99    | 100 |

**DATE**

|    |                  |
|----|------------------|
| 19 | Put to producing |
|----|------------------|

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 | Driller |
|---------|---------|

FORMATION RECORD

[illegible]

**FORMATION RECORD—Continued**