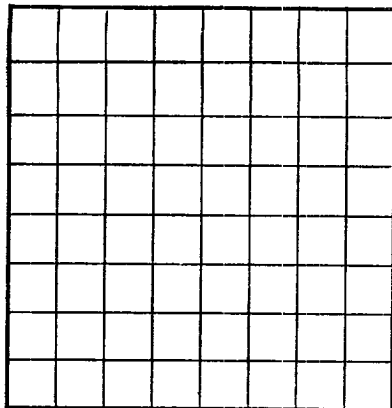




LOCATE WELL CORRECTLY

DUPLICATE

U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 032591-B  
LEASE OR PERMIT TO PROSPECTUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED

AUG 22 1951

## LOG OF OIL OR GAS WELL

U. S. CONSERVATION COMMISSION  
HOBBS-OFFICE

Company Barnsdall Oil Company Address Box J, Hobbs, New Mexico  
Lessor or Tract E. Elliott Field Drinkard State New Mexico  
Well No. 1-B Sec. 20 T. 21S R. 37E Meridian County Lea  
Location 660 ft. {N.} of N. Line and 660 ft. {E.} of W. Line of Sec. 20-21S-37E Elevation 3515'  
(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 June 18, 1947 Title Dist. Supt.

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

Commenced drilling 4-21-47, 19\_\_\_\_ Finished drilling 6-15-47, 19\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5220 to 5290 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 6550 to 6697 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— |            |
| 8 1/8       | 29.6            | 8                | Halliburton | 1000 Sacks reg. | Halliburton  | 5220-5290           |            |     | Perforated |
| 8 1/8       | 29.6            | 8                | Halliburton | 1000 Sacks reg. | Halliburton  | 5290-6550           |            |     | Perforated |
| 8 1/8       | 29.6            | 8                | Halliburton | 1000 Sacks reg. | Halliburton  | 6550-6697           |            |     | Perforated |
| 7           | 28.4            | 8                | Halliburton | 500 Sacks reg.  | Halliburton  | 6697-6800           |            |     | Perforated |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 13 3/8      | 296       | 300 Sacks reg.         | Halliburton |             |                    |
| 9 5/8       | 2846      | 1000 Sacks reg.        | "           |             |                    |
| 7           | 6548      | 500 Sacks reg.         | "           |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material Cement Length 12' Depth set 6697  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date    | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|---------|------------|-------------------|
|      |            | Acid           | 1000     | 6-7-47  | 6548-6697  |                   |
|      |            | "              | 2000     | 6-10-47 | " "        |                   |

## 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

Put to producing June 15, 1947, 19\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which 90 % was oil; \_\_\_\_\_ %  
emulsion; 10 % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 39

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

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

## EMPLOYEES

E. W. Wilson, Driller \_\_\_\_\_, Driller  
H. V. Creel, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                |
|-------|------|------------|--------------------------|
| 0     | 212  | 212        | Caliche, Sand & Redbed   |
| 212   | 265  | 53         | Sand & Redbed            |
| 265   | 307  | 42         | Redbed                   |
| 307   | 433  | 126        | Sand & Redbed            |
| 433   | 868  | 288        | Redbed                   |
| 868   | 1156 | 288        | Redbed                   |
| 1156  | 1249 | 84         | Redbed & shale           |
| 1249  | 1307 | 57         | Anhydrite                |
| 1307  | 1547 | 249        | Anhydrite & Redbed       |
| 1547  | 1747 | 200        | Anhydrite                |
| 1747  | 1971 | 224        | Anhydrite, Potash & Salt |
| 1971  | 2205 | 234        | Potash & Anhydrite       |
| 2205  | 2375 | 170        | Potash, Anhydrite & Salt |
| 2375  | 2496 | 121        | Potash & Salt            |
| 2496  | 2547 | 51         | Lime & Gypsum            |
| 2547  | 2591 | 44         | Lime & Anhydrite         |
| 2591  | 2722 | 131        | Lime                     |
| 2722  | 2850 | 128        | Lime & Anhydrite         |
| 2850  | 3000 | 150        | Lime, Sand & Gypsum      |
| 3000  | 3116 | 116        | Lime & Anhydrite         |
| 3116  | 3878 | 762        | Lime                     |
| 3878  | 4014 | 136        | Lime & Sand              |
| 4014  | 4118 | 104        | Lime                     |
| 4118  | 4345 | 227        | Sandy Lime               |
| 4345  | 6697 | 2352       | Lime                     |

(OVER)

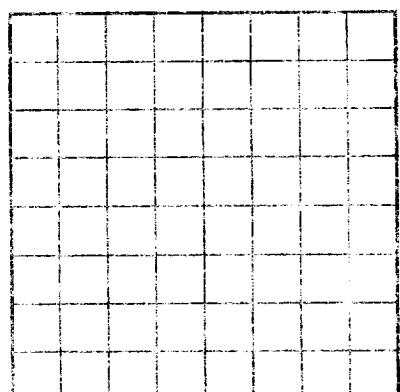
U. S. LAND OFFICE  
Serial Number  
Bears on Permit to Prospect

UNITED STATES

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED  
JUN 25 1921  
ON COMMISSION  
HOURS OFFICE

DUPLICATE



LOCATE WELL CORRECTLY

Company  
Address  
Field  
Section  
Location  
The information given in this log is a complete and correct record of the well and all work done thereon  
as far as can be determined from all available records

Signed  
Title  
The summary on this page is for the condition of the well at above date  
Completed drilling

OIL OR GAS SANDS OR ZONES

| Depth (feet) | From | To |
|--------------|------|----|
| No. 1        | from | to |
| No. 2        | from | to |
| No. 3        | from | to |

IMMEDIATE WATER SANDS

| Depth (feet) | From | To |
|--------------|------|----|
| No. 1        | from | to |
| No. 2        | from | to |

CASING RECORD

| Depth (feet) | From | To |
|--------------|------|----|
| No. 1        | from | to |
| No. 2        | from | to |

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 "detracked" 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.

HISTORY OF OIL OR GAS WELL

| MUDGING AND CEMENTING RECORD |      |    |                    |
|------------------------------|------|----|--------------------|
| Depth (feet)                 | From | To | Amount of mud used |
| No. 1                        | from | to |                    |
| No. 2                        | from | to |                    |
| No. 3                        | from | to |                    |
| PLUGS AND ADAPTERS           |      |    |                    |
| Depth (feet)                 | From | To | Amount of mud used |
| No. 1                        | from | to |                    |
| No. 2                        | from | to |                    |
| SHOOTING RECORD              |      |    |                    |
| Depth (feet)                 | From | To | Amount of mud used |
| No. 1                        | from | to |                    |
| No. 2                        | from | to |                    |
| TOOLS USED                   |      |    |                    |
| Depth (feet)                 | From | To | Amount of mud used |
| No. 1                        | from | to |                    |
| No. 2                        | from | to |                    |
| DATES                        |      |    |                    |
| Depth (feet)                 | From | To | Amount of mud used |
| No. 1                        | from | to |                    |
| No. 2                        | from | to |                    |
| EMPLOYEES                    |      |    |                    |
| Depth (feet)                 | From | To | Amount of mud used |
| No. 1                        | from | to |                    |
| No. 2                        | from | to |                    |
| FORMATION RECORD             |      |    |                    |
| Depth (feet)                 | From | To | Amount of mud used |
| No. 1                        | from | to |                    |
| No. 2                        | from | to |                    |
| No. 3                        | from | to |                    |
| No. 4                        | from | to |                    |
| No. 5                        | from | to |                    |
| No. 6                        | from | to |                    |
| No. 7                        | from | to |                    |
| No. 8                        | from | to |                    |
| No. 9                        | from | to |                    |
| No. 10                       | from | to |                    |
| No. 11                       | from | to |                    |
| No. 12                       | from | to |                    |
| No. 13                       | from | to |                    |
| No. 14                       | from | to |                    |
| No. 15                       | from | to |                    |
| No. 16                       | from | to |                    |
| No. 17                       | from | to |                    |
| No. 18                       | from | to |                    |
| No. 19                       | from | to |                    |
| No. 20                       | from | to |                    |
| No. 21                       | from | to |                    |
| No. 22                       | from | to |                    |
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| No. 24                       | from | to |                    |
| No. 25                       | from | to |                    |
| No. 26                       | from | to |                    |
| No. 27                       | from | to |                    |
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| No. 39                       | from | to |                    |
| No. 40                       | from | to |                    |
| No. 41                       | from | to |                    |
| No. 42                       | from | to |                    |
| No. 43                       | from | to |                    |
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| No. 71                       | from | to |                    |
| No. 72                       | from | to |                    |
| No. 73                       | from | to |                    |
| No. 74                       | from | to |                    |
| No. 75                       | from | to |                    |
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| No. 77                       | from | to |                    |
| No. 78                       | from | to |                    |
| No. 79                       | from | to |                    |
| No. 80                       | from | to |                    |
| No. 81                       | from | to |                    |
| No. 82                       | from | to |                    |
| No. 83                       | from | to |                    |
| No. 84                       | from | to |                    |
| No. 85                       | from | to |                    |
| No. 86                       | from | to |                    |
| No. 87                       | from | to |                    |
| No. 88                       | from | to |                    |
| No. 89                       | from | to |                    |
| No. 90                       | from | to |                    |
| No. 91                       | from | to |                    |
| No. 92                       | from | to |                    |
| No. 93                       | from | to |                    |
| No. 94                       | from | to |                    |
| No. 95                       | from | to |                    |
| No. 96                       | from | to |                    |
| No. 97                       | from | to |                    |
| No. 98                       | from | to |                    |
| No. 99                       | from | to |                    |
| No. 100                      | from | to |                    |