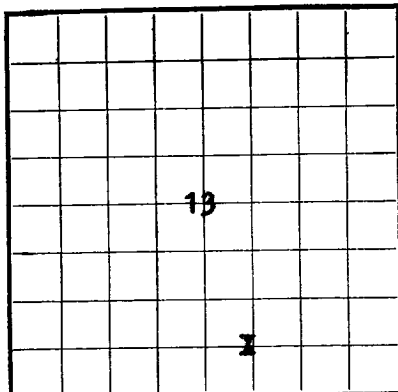




### LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe, N.M.  
SERIAL NUMBER SF 078064  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 101 S. Behrend, Farmington, N.M.  
Lessor or Tract Federal - Carson Unit Field Bisti State New Mexico  
Well No. 34-13 Sec. 13 T. 25N R. 12W Meridian NMPM County San Juan  
Location 660 ft. N. of S Line and 1976 ft. EX of E Line of Sec. 13 Elevation 6421 KB  
(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 \_\_\_\_\_ Original signed by  
B. W. SHEPARD

Date February 24, 1958 Title Exploitation Engineer

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

Commenced drilling May 13, 1957 Finished drilling May 21, 1957

## OIL OR GAS SANDS OR ZONES

(cross)

(Denote gas by  $G$ )

No. 1, from 1876 to 1894 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 | Baker's Cut and pulled from | Perforated |      | Purpose            |
|-------------|-----------------|------------------|--------|--------|-----------------------------|------------|------|--------------------|
|             |                 |                  |        |        |                             | From—      | To—  |                    |
| 8-5/8"      | 24              | 8                | Nat'l. | 208    | Baker                       | -          | -    | Surface Production |
| 4-1/2"      | 9.6             | 8                |        | 5082   |                             | 78%        | 199% |                    |
|             |                 |                  |        |        | HISTOKA OR CIT OZ           | CYS MEIT   |      |                    |

### MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 8-5/8"      | 218       | 130                    | Displacement | ---         | ---                |
| 4-1/2"      | 5096      | 150                    | "            | ---         | ---                |
|             |           |                        |              |             |                    |
|             |           |                        |              |             |                    |

## 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 5104 feet, and from - feet to - feet.

Cable tools were used from - feet to - feet, and from - feet to - feet.

## DATES

February 24, 1958 Put to producing February 13, 1958

The production for the first 24 hours was 1010 barrels of fluid of which 99.9 % was oil; ----- % emulsion; ----- % water; and 0.1 % sediment. Gravity, RBE. Approx. 39° API

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

Rock pressure, lbs. per sq. in. -----

**EMPLOYEES** Brinkerhoff Drilling Company

|            |         |            |         |
|------------|---------|------------|---------|
| E. Babcock | Driller | J. Speaker | Driller |
| C. Adams   | Driller |            | Driller |

# FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION       |
|-------|------|------------|-----------------|
| 1250  | 1418 | 168        | Pictured Cliffs |
| 1418  | 1589 | 171        | Lewis           |
| 1589  | 2070 | 481        | Cliff House     |
| 2070  | 3692 | 1622       | Allison-Menefee |
| 3692  | 3854 | 162        | Point Lookout   |
| 3854  | 4778 | 924        | Mancos          |
| 4778  | -    | -          | Gallup          |

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