

A 10x10 grid with handwritten '10' in the center and '1' in the bottom-left corner.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

### LOCATE WELL CORRECTLY

Company Shell Oil Company Address 101 S. Behrend, Farmington, N.M.  
 Lessor or Tract Federal - Carson Unit Field Bisti State New Mexico  
Carson Unit  
 Well No. 14-14 Sec. 14 T. 25N R. 18W Meridian NMPM County San Juan  
 Location 660.1 ft. (N. of S. Line and 660.5 (E. of W. Line of Sec. 14 Elevation 6365.6 KB  
 (SE) (SW) (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 BW Shepard

Date December 5, 1957 Title Exploitation Engineer

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

Commenced drilling September 24-----, 1957 Finished drilling October 3-----, 1957

### OIL OR GAS SANDS OR ZONES

ONE OR TWO SHAKES OF WATER

(gross) (Denote gas by G)

No. 1, from 4818 to 4927 No. 4, from \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_

to 4917 1957

## IMPORTANT WATER SANDS

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

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used  | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 8-5/8"      | 103       | 85                     | Displacement | -           | -                  |
| 4-1/2"      | 1956      | 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 |
|------|------------|----------------|----------|------|------------|-------------------|
|      |            |                | None     |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |
|      |            |                |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 4960 feet, and from feet to feet.

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

## DATES

December 5, 1957 Put to producing, 1957

The production for the first 24 hours was 511 barrels of fluid of which 99.8% was oil; 0.2% emulsion; 0% water; and 0.2% sediment. Gravity 28.6° API Approx. 39° API

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

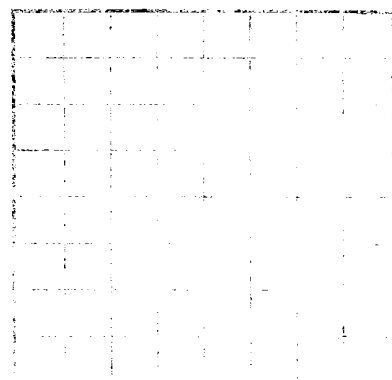
Rock pressure, lbs. per sq. in.

## EMPLOYEES

| EMPLOYEES            |         | Brinkerhoff Drilling Co.  |
|----------------------|---------|---------------------------|
| <u>E. M. Burton</u>  | Driller | <u>E. C. Cary</u> Driller |
| <u>E. D. Schulze</u> | Driller | Driller                   |

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION         |
|-------|------|------------|-------------------|
| 1150  | 1350 | 200        | Pictured Cliffs   |
| 1350  | 1532 | 182        | Lewis             |
| 1532  | 2053 | 521        | Cliff House       |
| 2053  | 3636 | 1583       | Allison - Menefee |
| 3636  | 3802 | 166        | Point Lookout     |
| 3802  | 4718 | 916        | Mancos            |
| 4718  | -    | -          | Gallup            |



LIBRARY OF CONGRESS

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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.

## HISTORY OF OIL OR GAS WELL

10-48094-2 U. S. GOVERNMENT PRINTING OFFICE

| FROM | TO | TOTAL FEET | FORMATION RECORD             |
|------|----|------------|------------------------------|
|      |    |            | INSTRUMENTS                  |
|      |    |            | DATES                        |
|      |    |            | TOOLS USED                   |
|      |    |            | SIGHTING RECORD              |
|      |    |            | PLANS AND ADAPERS            |
|      |    |            | MAPPING AND CENTERING RECORD |

SHELL OIL COMPANY

Carson Unit

WELL NO. 14-14

Bisti

## DRILLING REPORT

FOR PERIOD ENDING

10-3-57

(FIELD)  
San Juan, New Mexico

(COUNTY)

14

(SECTION OR LEASE)

T25N R12W

(TOWNSHIP OR RANCHO)

| DAY                | DEPTHS |      | REMARKS                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------|--------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | FROM   | TO   |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 9-24<br>to<br>9-25 | 0      | 1787 | <u>Location:</u> 660.1' N and 660.5' E of SW Corner Section 14, T25N, R12W, NMPM, San Juan County, New Mexico<br><br><u>Elevations:</u> DF 6364.4<br>Gr 6357.2<br>KB 6365.6<br><br>Spudded 3:00 P.M. 9-24-57. Ran and cemented (92') 8-5/8", 24#, J-55, Spang casing at 103' with 85 sacks cement treated with 2% calcium chloride. Good returns to surface. Flanged up and waited on cement. Tested BOP and casing with 500 psi. O.K. |
| 9-26<br>to<br>10-1 | 1787   | 4882 | <u>Drilled 3095'</u>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 10-2<br>to<br>10-3 | 4882   | 4960 | <u>Drilled 78'</u> . Ran Electrical Survey and Microlog. Ran and cemented (4945') 4-1/2", 9.5# casing at 4956' with 150 sacks 4% gel treated cement. Displaced with oil. Released rig 8:00 A.M. 10-3-57. Checked BOP daily.<br><br>Mud Summary:<br>Wt 9.4-9.9#/gal.<br>vis. 45-80 sec.<br>WL 5.6-6.8 cc<br>FC 2/32"<br><br>Contractor: Brinkerhoff Drilling Company<br><br>Drillers: G. M. Burton<br>M. D. Schulze<br>R. C. Cary       |

| CONDITION AT BEGINNING OF PERIOD |      |    |             |           |
|----------------------------------|------|----|-------------|-----------|
| HOLE                             |      |    | CASING SIZE | DEPTH SET |
| SIZE                             | FROM | TO |             |           |
|                                  |      |    |             |           |
| DRILL PIPE SIZES                 |      |    |             |           |



R. D. Allen

SIGNED

| CONDITION AT BEGINNING OF PERIOD |      |      |             |           |
|----------------------------------|------|------|-------------|-----------|
| HOLE                             |      |      | CASING SIZE | DEPTH SET |
| SIZE                             | FROM | TO   |             |           |
| 12 1/4"                          | 0    | 103  | 8 5/8"      | 103'      |
| 7 7/8"                           | 103  | 4960 | 4 1/2"      | 4956'     |
| DRILL PIPE SIZES 4 1/2"          |      |      |             |           |



E. B. Johnstone

SIGNED

Handwritten text, possibly a signature or date, located in the bottom left corner of the page.