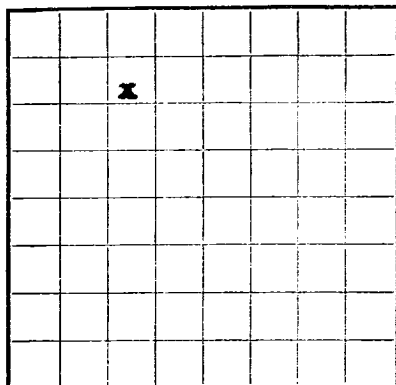
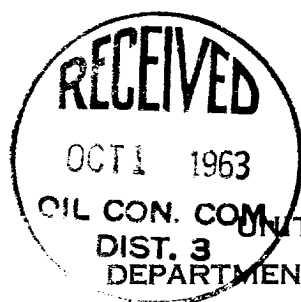




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Jicarilla Apache**  
SERIAL NUMBER **102**  
LEASE OR PERMIT TO PROSPECT

## LOG OF OIL OR GAS WELL

Company **Pan American Petroleum Corporation** Address **P.O. Box 480, Farmington, New Mexico**Lessor or Tract **Jicarilla Apache 102** Field **Basin Dakota** State **New Mexico**Well No. **11** Sec. **10** T. **26N** R. **4W** Meridian **N.M.P.M.** County **Rio Arriba**Location **1190** ft. **N** of **N** Line and **1350** ft. **E** of **W** Line of **Section 10** Elevation **4331**  
(Derrick floor relative to spot)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. **Fred L. Nabors**  
SignedCHECKED BY  
**F. H. HOLLINGSWORTH**Date **September 26, 1963**

Title

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

Commenced drilling **August 3,** 19**63** Finished drilling **August 15**, 19**63**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7780** to **7792 (G)** No. 4, from toNo. 2, from **7814** to **7826 (G)** 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— |                     |
| <b>10-3/4"</b> | <b>30.77</b>    | <b>8</b>         | <b>J-55</b> | <b>235</b> | <b>Ball</b>  | <b>Surface</b>      |            |     | <b>Intermediate</b> |
| <b>7-5/8"</b>  | <b>24.6</b>     | <b>8</b>         | <b>J-55</b> | <b>210</b> | <b>Ball</b>  | <b>Surface</b>      |            |     | <b>Oil string</b>   |
| <b>4-1/2"</b>  | <b>10.5</b>     | <b>8</b>         | <b>J-55</b> | <b>85</b>  | <b>Ball</b>  | <b>Surface</b>      |            |     |                     |
| <b>4-1/2"</b>  | <b>11.6</b>     | <b>8</b>         | <b>J-55</b> | <b>85</b>  | <b>Ball</b>  | <b>Surface</b>      |            |     |                     |

## MUDDING AND CEMENTING RECORD

| Size casing    | Where set   | Number sacks of cement | Method used               | Mud gravity | Amount of mud used |
|----------------|-------------|------------------------|---------------------------|-------------|--------------------|
| <b>10-3/4"</b> | <b>218</b>  | <b>140</b>             | <b>Halliburton 1 Plug</b> |             |                    |
| <b>7-5/8"</b>  | <b>3895</b> | <b>140</b>             | <b>Halliburton 2 Plug</b> |             |                    |
| <b>4-1/2"</b>  | <b>8037</b> | <b>500</b>             | <b>Halliburton 1 Plug</b> |             |                    |

## 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

Completed as shut in Gas Well **September 18**, 19**63** 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 **861** Gallons gasoline per 1,000 cu. ft. of gasRock pressure, lbs. per sq. in. **700 (CPE)**

## EMPLOYEES

, Driller , Driller  
**R. E. Lutho** **W. E. Seitzinger**  
, Driller , Driller  
**J. E. Peacock**

## FORMATION RECORD

| FROM— | TO—  | TOTAL FEET | FORMATION                      |
|-------|------|------------|--------------------------------|
| 0     | 3594 | 3594       | Surface Sand and Shale         |
| 3594  | 3678 | 84         | Pictured Cliffs Sand and Shale |
| 3678  | 4540 | 862        | Lewis Shale                    |
| 4540  | 5820 | 1280       | Mesa Verde Group               |
| 5820  | 6934 | 1114       | Mancos Shale                   |
| 6934  | 7310 | 376        | Gallup Sand and Shale          |
| 7310  | 7692 | 382        | Mancos Shale                   |
| 7692  | 7750 | 58         | Greenhorn Shale                |
| 7750  | 7770 | 20         | Graneros Shale                 |
| 7770  | 7914 | 144        | Graneros Dakota                |
| 7914  | 8037 | 123        | Dakota Sand and Shale          |

(OVER)

