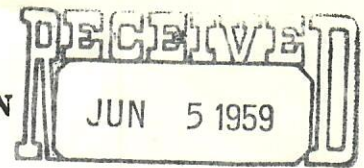


OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF COLORADO

## WELL COMPLETION REPORT

OIL & GAS  
CONSERVATION COMMISSION

## INSTRUCTIONS

Within thirty (30) days after the completion of any well, the owner or operator shall transmit to the Director three (3) copies of this form, for wells drilled on Patented or Federal lands and four (4) copies for wells drilled on State lands. Upon request, geological information will be kept confidential for six months after the filing thereof.

Field Wildcat Disc. Rubin Operator Plains Exploration Company  
County Washington Address 1135 Petroleum Club Building  
City Denver 3, State Colorado  
Lease Name Mitchell Well No. 1 Derrick Floor Elevation 4528' K.B.  
Location SE NW Section 28 Township 2N Range 54W Meridian 6th P.M.  
(quarter quarter)  
1983' feet from N Section line and 1990' feet from W Section Line  
Nor S E or W

Drilled on: Private Land ☒ Federal Land ☐ State Land ☐  
Number of producing wells on this lease including this well: Oil 1; Gas 0  
Well completed as: Dry Hole ☐ Oil Well ☒ 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 Russell H. Volk  
Date June 4, 1959 Title Russell H. Volk, President

The summary on this page is for the condition of the well as above date.  
Commenced drilling February 18, 1959 Finished drilling Set 4 1/2" csg. Feb. 24, 1959

## CASING RECORD

| SIZE   | WT. PER FT. | GRADE | DEPTH LANDED | NO. SKS. CMT. | W.O.C. | PRESSURE TEST |     |
|--------|-------------|-------|--------------|---------------|--------|---------------|-----|
|        |             |       |              |               |        | Time          | Psi |
| 8-5/8" | 24          | New   | 142          | 90            | 24     |               |     |
| 4-1/2" | 9 1/2       | New   | 4935         | 125           | 72     |               |     |

## CASING PERFORATIONS

| Type of Charge           | No. Perforations per ft. | Zone                             |           | AJJ  |
|--------------------------|--------------------------|----------------------------------|-----------|------|
|                          |                          | From                             | To        |      |
| "E" Type Bullets         | 8                        | 4827 1/2'                        | 4828 1/2' | DYR  |
|                          |                          |                                  |           | WRS  |
|                          |                          |                                  |           | HHM  |
|                          |                          |                                  |           | JAM  |
|                          |                          |                                  |           | FJP  |
|                          |                          |                                  |           | JJD  |
|                          |                          |                                  |           | FILE |
| TOTAL DEPTH <u>4939'</u> |                          | PLUG BACK DEPTH <u>4899 1/2'</u> |           |      |

Oil Productive Zone: From 4824' To 4834' Gas Productive Zone: From 4788' To 4824'  
Electric or other Logs run L-W's Electrolog, Permalog & Csg. Record Date 2-23-59 & 3-1-59, 19  
Was well cored? Yes Has well sign been properly posted? Yes

## RECORD OF SHOOTING AND/OR CHEMICAL TREATMENT

| DATE   | SHELL, EXPLOSIVE<br>OR CHEMICAL USED | QUANTITY | ZONE      |           | FORMATION | REMARKS         |
|--------|--------------------------------------|----------|-----------|-----------|-----------|-----------------|
|        |                                      |          | From      | To        |           |                 |
| 3-1-59 | Bullets                              | 8        | 4827 1/2' | 4828 1/2' | "D" Sand  | SWR @ 6.75 BOPH |
|        |                                      |          |           |           |           |                 |
|        |                                      |          |           |           |           |                 |

Results of shooting and/or chemical treatment: \_\_\_\_\_

## DATA ON TEST

Test Commenced 8 A.M. or P.M. March 12, 1959 Test Completed 8 A.M. or P.M. March 13, 1959

For Flowing Well:

Flowing Press. on Csg. \_\_\_\_\_ lbs./sq.in.

Flowing Press. on Tbg. \_\_\_\_\_ lbs./sq.in.

Size Tbg. \_\_\_\_\_ in. No. feet run \_\_\_\_\_

Size Choke \_\_\_\_\_ in.

Shut-in Pressure \_\_\_\_\_

For Pumping Well:

Length of stroke used 54 inches.

Number of strokes per minute 10

Diam. of working barrel 1 1/2 inches

Size Tbg. 2 in. No. feet run 4887'

Depth of Pump 4814 feet.

If flowing well, did this well flow for the entire duration of this test without the use of swab or other artificial flow device? \_\_\_\_\_

SEE REVERSE SIDE

TEST RESULTS: Bbls. oil per day 99.98 API Gravity 37  
Gas Vol. 20 Mcf/Day; Gas-Oil Ratio 233 Ct/Bbl. of oil  
B.S. & W. 1 %; Gas Gravity .667 (Corr. to 15.025 psi & 60°F)



# FORMATION RECORD

Give name, top, bottom and description of all formations encountered, and indicate oil, gas and water bearing intervals, cored sections and drill stem tests.

| FORMATION NAME | TOP   | BOTTOM | DESCRIPTION AND REMARKS  |
|----------------|-------|--------|--|
| Niobrara       | 3970' | 4330'  | Shale gray to dark gray mottled white to brown calcareous.                                 |
| Timpas         | 4330' | 4384'  | Limestone, white to buff dense   |
| Carlile        | 4384' | 4457'  | Dark gray shale  |
| Greenhorn      | 4457' | 4688'  | Limestone gray to buff coarse crystalline to dense shale dark gray.                        |
| Mowry          | 4688' | 4693'  | Bentonite gray shale dark gray   |
| Brown Lime     | 4693' | 4773'  | Shale dark gray, trace limestone brown, crystalline.                                       |
| "D" Sand       | 4773' | 4835'  | Sand gray fine silty sands w/interbedded shale dark gray and siltstone gray.               |
| Base of "D"    | 4835' | 4862'  |  |
| "J" Sand       | 4862' | 4939'  | Sand gray fine to medium partly silty w/some siltstone gray and shales dark gray to black. |