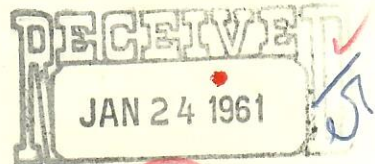




00264510

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

WELL COMPLETION REPORT

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 Minto West Divide Operator Cabeen Exploration Corporation
County Logan Address 945 Petroleum Club Building
City Denver, State Colorado
Lease Name Whittier Well No. 2 Derrick Floor Elevation 4178 KB
Location S 1/2 SE 1/4 Section 27 Township 9N Range 53W Meridian 6th
(quarter quarter)
660 feet from S Section line and 1320 feet from E Section Line
N or 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.

Date 1/23/61

Signed [Signature]
Title District Drilling & Production Mgr.

The summary on this page is for the condition of the well as above date.
Commenced drilling August 4, 1960 Finished drilling August 11, 1960

CASING RECORD

| SIZE | WT. PER FT. | GRADE | DEPTH LANDED | NO. SKS. CMT. | W.O.C. | PRESSURE TEST | |
|--------|-------------|-------|--------------|---------------|--------|---------------|-----|
| | | | | | | Time | Psi |
| 8 5/8" | 24 | H | 96 | 75 | 12 | | |
| 5 1/2" | 14 | J | 4987 | 125 | | | |

CASING PERFORATIONS

| Type of Charge | No. Perforations per ft. | From | Zone To |
|------------------|--------------------------|------|---------|
| 80 gm. glass jet | 3 | 4908 | 4922 |
| 80 gm. glass jet | 1 | 4908 | 4922 |

(SQUEEZED)
Re-perf.

| | |
|-------------------------|-----------------------------|
| TOTAL DEPTH <u>5000</u> | PLUG BACK DEPTH <u>4932</u> |
|-------------------------|-----------------------------|

Oil Productive Zone: From 4908 To 4922 Gas Productive Zone: From To
Electric or other Logs run Ind-ES, ML Date August 10, 1960
Was well cored? yes Has well sign been properly posted? yes

RECORD OF SHOOTING AND/OR CHEMICAL TREATMENT

| DATE | SHELL, EXPLOSIVE OR CHEMICAL USED | QUANTITY | ZONE | | FORMATION | REMARKS |
|------|-----------------------------------|-------------|------------|----|-----------|---------|
| | | | From | To | | |
| 9/14 | Sand fracture treatment | 10,000 gal. | 27,850 lb. | | | |

Results of shooting and/or chemical treatment: Increase production from 5 BBL/day to 83 BBL/day.

DATA ON TEST

Test Commenced 8 A.M. or P.M. 10/2 1960 Test Completed 8 A.M. or P.M. 10/9 1960

For Flowing Well:

For Pumping Well:

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

Length of stroke used 64 inches.

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

Number of strokes per minute 16

Size Tbg. in. No. feet run

Diam. of working barrel 1 1/2 inches

Size Choke in.

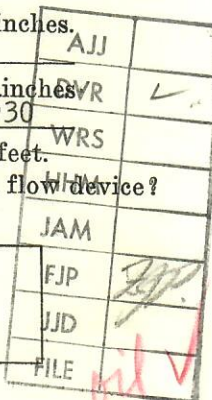
Size Tbg. 2 1/2 in. No. feet run 4930

Shut-in Pressure

Depth of Pump 4906 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?

TEST RESULTS: Bbls. oil per day 83 API Gravity 37
Gas Vol. 52 Mcf/Day; Gas-Oil Ratio 620 Cf/Bbl. of oil
B.S. & W. 58 %; Gas Gravity (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 | 3978 | | |
| Carlile | 4332 | | |
| Greenhorn | 4545 | | |
| Bentonite | 4695 | | |
| Dakota D | 4795 | | DST #2 4798-4801 GTS 24 min. 9 MCF Rec. 30" GCM |
| Dakota J | 4897 | | DST #1 4911-4920 405" mud cut oil in 2 hr. |
| Total Depth | 5000 | | Cored 4907-21 Permeable oil sat. sand. |

TEST RESULTS: Bbls. oil per day 50
Gas Vol. 50 Mcf/day
Gas-Oil Ratio 500
Gas Gravity 0.80 (Corr. to 15.025 psi & 60°F)

10/20/50

| DATE | SHALL EXPOSURE OR CHEMICAL USED | QUANTITY | FORMATION | REMARKS |
|------|---------------------------------|-------------|-----------|---------|
| 8/14 | Sand fracture treatment | 10,000 gal. | | |

RESULTS OF SHOOTING AND/OR CHEMICAL TREATMENT

Was well cored? Yes

Electric or other logs run IND-2, MI

Oil Productive Zone: From 4908 To 4922

Gas Productive Zone: From August 10 To August 10, 1950

Has well sign been properly plotted? Yes

TOTAL DEPTH 5000

PLUG BACK DEPTH 4932

| TYPE OF CHARGE | NO. PERFORATIONS PER FT. | FROM | TO |
|------------------|--------------------------|------|------|
| 80 gm. glass jet | 3 | 4908 | 4922 |
| 80 gm. glass jet | 1 | 4908 | 4922 |

| SIZE | WT. PER FT. | GRADE | DEPTH LANDED | NO. SKR. CMT. | W.O.C. | TIME | PRESSURE TEST |
|--------|-------------|-------|--------------|---------------|--------|------|---------------|
| 2 1/2" | 14 | 1 | 4987 | 125 | 12 | | |
| 2 3/4" | 24 | H | 92 | 72 | 12 | | |

CASING RECORD

Completed drilling August 4, 1950 Finished drilling August 11, 1950

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

Date 10/20/50

Signed _____

Title District Drilling & Production Mgr.

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.

Well completed as: Dry Hole ☐ Gas Well ☒ Oil Well ☐

Number of producing wells on this lease including this well: Oil ☐ Gas ☐

Drilled on: Private ☐ Permitted ☐ Cased ☐ and ☐

Location SW 28 Sec 27 T12N R10E

Lease Name _____

Field _____

County _____

Operator _____

Address _____

City _____

State _____

Post Office _____

Within thirty (30) days after the completion of any well, the owner or operator shall transmit to the State Engineer a copy of this report, and a copy of this report shall be filed in the office of the State Engineer.

DATA ON TEST

| | | | |
|-------------------------------|------------------|-------------------------------|--------------|
| Test Commenced 8 A.M. or P.M. | 10/20 | Test Completed 1 A.M. or P.M. | 10/20 |
| For Flowing Well: | | For Pumping Well: | |
| Flowing Press. on Gage | lbs./sq.in. | Length of stroke used | inches |
| Flowing Press. on Tpg | lbs./sq.in. | Number of strokes per minute | 10 |
| Size Tpg | in. No. test run | Diam. of working barrel | 1 1/2 inches |
| Size Choke | in. | Size Tpg. in. No. test run | 4930 |
| Shut-in Pressure | | Depth of Pump | 4905 feet |

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

TEST RESULTS: Bbls. oil per day 50
Gas Vol. 50 Mcf/day
Gas-Oil Ratio 500
Gas Gravity 0.80 (Corr. to 15.025 psi & 60°F)

10/20/50