

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

RECEIVED
AUG 20 1962
OIL & GAS
CONSERVATION COMMISSION



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 Wildcat Operator Vincent & Welch, Inc.
County Logan Address 1507 Denver Club Building
City Denver 2 State Colorado

Lease Name J. Lael DeLand Well No. 1 Derrick Floor Elevation 4500'
Location 1/4 NW SE Section 20 Township 12N Range 52W Meridian 6th
1980 feet from S Section line and 1980 feet from E 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 None; Gas None
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 August 17, 1962 Signed Richard P. Lيمان
Title Geologist

The summary on this page is for the condition of the well as above date.
Commenced drilling August 8, 19 62 Finished drilling August 13, 19 62

CASING RECORD

| SIZE | WT. PER FT. | GRADE | DEPTH LANDED | NO. SKS. CMT. | W.O.C. | PRESSURE TEST | |
|--------|-------------|-------|--------------|---------------|--------|---------------|-----|
| | | | | | | Time | Psi |
| 8-5/8" | 24# | | 288 | 235 | 12 | | |
| | | | | 50/50 posmix | | | |
| | | | | 3% CaCl | | | |

CASING PERFORATIONS

| Type of Charge | No. Perforations per ft. | From | Zone | To |
|----------------|--------------------------|------|------|----|
| Dry Hole | | | | |
| | | | | |
| | | | | |

TOTAL DEPTH 5230' PLUG BACK DEPTH _____

Oil Productive Zone: From Dry Hole To _____ Gas Productive Zone: From _____ To _____
Electric or other Logs run Induction-Electrical & Microlog Date August 13, 1962
Was well cored? Yes Has well sign been properly posted? _____

RECORD OF SHOOTING AND/OR CHEMICAL TREATMENT

| DATE | SHELL, EXPLOSIVE OR CHEMICAL USED | QUANTITY | ZONE | | FORMATION | REMARKS |
|------|-----------------------------------|----------|------|----|-----------|---------|
| | | | From | To | | |
| | Dry Hole | | | | | |
| | | | | | | |
| | | | | | | |

Results of shooting and/or chemical treatment: Dry Hole

DATA ON TEST

Test Commenced A.M. or P.M. 19 Test Completed A.M. or P.M. 19
For Flowing Well: For Pumping Well:
Flowing Press. on Csg. _____ lbs./sq.in. Length of stroke used _____
Flowing Press. on Tbg. _____ lbs./sq.in. Number of strokes per minute _____
Size Tbg. _____ in. No. feet run DRY HOLE Diam. of working barrel _____
Size Choke _____ in. Size Tbg. _____ in. No. feet run _____
Shut-in Pressure _____ Depth of Pump _____ 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 _____ API Gravity _____ | |
| Gas Vol. _____ Mcf/Day; | Gas-Oil Ratio _____ Cf/Bbl. of oil |
| B.S. & W. _____ %; | 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 | 4278' | | |
| Greenhorn | 4810' | | |
| Bentonite | 4974' | | |
| "D" Sand | 5070' | 5150' | Sandstone, fine grain, gray-white, good yellow fluorescence, light tan stain, fair porosity with shale stringers. |
| "J" Sand | 5196' | 5230' TD | Sandstone and shale, reworked and tight upper bench shaled out. Lower bench - sandstone, fine grain, clayfilled, tight, wet. |
| | | | DST #1 5071.75-5077/75 = 5063.75-5091.50 Tool Open for 3 hours 3 minutes, fair to good blow air for 5 minutes when tool was closed for ISIP. Tool re-opened after 35 minutes. Gas to surface in 25 minutes, estimated rate of 120,000 CFPD. Recovered 120' oil and gas cut mud (5-10% oil), 200' oil and heavily gas cut water (5% oil), 2100' Water. IFP: 345# FFP: 1056# ESP: 30"/1168# FSP: 30"/1168# IHP: 2698# FHP: 2662# Test Not Conclusive. |
| | | | DST #1-A 5072.25-5078.25 Tool Open 2 hours 55 minutes, good blow air 5 minutes. Tool closed for ISIP. Gas to surface immediately after tool shut-in. Tool re-opened after 30 minutes. Gas to surface immediately. Recovered: 544' fluid - 112' (free oil) 37° (8/10 bbl.), 10' oil cut mud (60% oil), 422' water (3.1 bbls.). IFP: 60# FFP: 212# ISP: 30"/1168# FSP: 30"/1132# IHP: 2715# FHP: 2660# Bottom Chart bled off 2712-1762# Test Conclusive. |
| | | | CORE #1 5075-5101.5' |
| | | | 5075 - 5079 Sandstone, fine grain - medium grain, with shale laminations, good even yellow fluorescence, good odor, even light tan stain, fair-good porosity. |
| | | | 5079 - 5079½ Sandstone and shale, interbedded tight. No show. |
| | | | 5079½ - 5084 Sandstone, fine grain, with few shale laminations and clay nodules, fair porosity. Looks wet. No show. |
| | | | 5084 - 5085½ Sandstone and shale, interbedded with some reworking. No show. |
| | | | 5085½ - 5089 Sandstone and shale, reworked. No show. |
| | | | 5089 - 5090½ Sandstone, fine grain, good even fluorescence and stain, good odor, bleeding oil on vertical fractures, poor porosity. |
| | | | 5090½ - 5094 Sandstone and shale, interbedded and reworked No show. |
| | | | 5094 - 5095½ Bentonite. |
| | | | 5095½ - 5097½ Shale, dark gray, carbonaceous. |
| | | | 5097½ - 5101½ Sandstone, fine grain, with shale laminations Looks wet. No show. -- Bottom 6", sandstone fine grain, gray, clean, fair to good porosity, looks wet, no show. |