



SEP 3 1957

OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO

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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 Atwood, East Operator Lowell J. Williamson, Inc. County Logan Address 2150 South Bellaire City Denver 22 State Colorado

Lease Name Brotzman Well No. 2 Derrick Floor Elevation 3973' Location SE/4 NE/4 NE/4 Section 24 Township 7N Range 53W Meridian 6th 990 feet from N Section line and 330 feet from E Section Line

Drilled on: Private Land [X] Federal Land [] State Land [] Number of producing wells on this lease including this well: Oil 1; Gas Well completed as: Dry Hole [X] 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 September 12, 1957 Signed Leonard R Young Title Geologist

The summary on this page is for the condition of the well as above date. Commenced drilling August 31, 1957 Finished drilling September 7, 1957

CASING RECORD

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST	
						Time	Psi
8-5/8"	28#	Used	222'	150	24 hrs.		

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	Zone	
		From	To

TOTAL DEPTH 4458' PLUG BACK DEPTH

Oil Productive Zone: From To Gas Productive Zone: From To Electric or other Logs run Elgen Electronic Log Date September 6-7, 1957 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		

Results of shooting and/or chemical treatment:

DATA ON TEST

Test Commenced A.M. or P.M. 19 Test Completed A.M. or P.M. 19 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 inches. Number of strokes per minute Diam. of working barrel inches Size Tbg. in. No. feet run 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?

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)

SEE REVERSE SIDE

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	3590	3967	
Carlile	3967	4162	
Greenhorn	4162	4312	
Bentonite	4312	4407	
"D" Sand	4407	4458' Total Depth	
Core No. 1	4422-4447'	Recovered 25':	
	4422-4427'		Sand, gray, very fine grained, reworked, hard tight, with shale laminations, no show.
	4427-4428½'		Shale with sand laminations.
	4428½-4429'		Sand, gray, fine grained, vertical fractures, good porosity and permeability, carbonaceous, residual oil stain.
	4429-4430½'		Sand, gray, fine grained, good porosity and permeability, vertical fractures, good stain, odor and fluorescence.
	4430½-4432'		Sand, fine grained, good porosity and permeability, vertical fractures, residual stain and fluorescence, wet.
	4432-4437'		Sand, gray, fine grained, good porosity and permeability, vertical fractures, good stain and odor.
	4437-4439½'		Sand, gray, fine grained, good porosity and permeability, vertical fractures, spotted stain.
	4439½-4447'		Shale with few sand laminations.
Drill Stem Test #1	4428-4434'		Tool open 1 hour 30 minutes; SI 30 minutes. God blow immediately. Gas to surface in 15 minutes. Recovered 375' oil and 300' water. No pressures due to malfunction of timing mechanism.