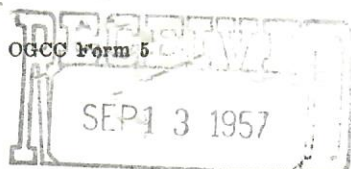




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OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADOOIL & GAS
CONSERVATION COMMISSION

WELL COMPLETION REPORT

AJJ	DVR	FJK	WKS	HHA	AH	JJD	FILE		

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
(quarter quarter)
990 feet from N Section line and 330 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 _____
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 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, 19 57 Finished drilling September 7, 19 57

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.	From	Zone	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, 19 57
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: For Pumping Well:
Flowing Press. on Csg. _____ lbs./sq.in. Length of stroke used _____ inches.
Flowing Press. on Tbg. _____ lbs./sq.in. Number of strokes per minute _____
Size Tbg. _____ in. No. feet run _____ Diam. of working barrel _____ inches
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)

24 -7N-53W

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.