

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

RECEIVED
JUN 25 1957
OIL & GAS
CONSERVATION COMMISSION



00249134

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 West Buckingham Operator Lowell J. Williamson, Inc.
County Weld Address 2150 South Bellaire
City Denver 22 State Colorado
Lease Name Duell Well No. 3 Derrick Floor Elevation 4912
Location NE/4 SW/4 Section 25 Township 8N Range 60W Meridian 6th Prin.
(quarter quarter)
1980 feet from S Section line and 1994 feet from W 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 2; 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 June 21, 1957 Signed Lowell J. Williamson
Title Geologist
The summary on this page is for the condition of the well as above date.
Commenced drilling March 27, 1957 Finished drilling April 15, 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	128	125	24 hrs.		

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	Zone	
		From	To
TOTAL DEPTH <u>6908'</u>		PLUG BACK DEPTH	

AJJ
DVR
FJK
VRS
HHA
AH
JJD
FILE

Oil Productive Zone: From _____ To _____ Gas Productive Zone: From _____ To _____
Electric or other Logs run Elgen Electronic & Permalog Date April 14, 1957
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		

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?

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
Soil and sand	0	120	Soil and sand
Pierre	120	6070	Shale
Niobrara	6070	6395	Shale and limestone
Greenhorn	6395	6798	Shale and limestone
"D" Sand	6798	6878	Sand and shale
"J" Sand	6878	6908	Sand
DST #1	6797-6878'		Tool open 2 hrs, shut in 20 mins. Weak blow throughout test. Recovered 50 feet of drilling mud. IHP 3880#, FHP 3770#, IFP 120#, FFP 210#, BHP 490#.
Core #1,	6795 to 6820':		
	6795-6796		Sandstone, light gray, fine grained, angular to sub-rounded grains, argillaceous, very shaly, tite, bleeding oil from 2" streak of sand.
	6796-6798		Sandstone, light gray, fine grained, angular to sub-rounded grains, very argillaceous, shaly, low porosity, no permeability, good oil stain and fluorescence, "bleeding".
	6798-6799		As above, becoming increasingly shaley, slight vertical fracturing, show as above.
	6799-6800		Sandstone as above, oil show occuring in streaks with tite, barren sand.
	6800-6803		Sandstone, light gray, fine grained, very argillaceous and shaly, low porosity, no permeability, poor show of oil, vertical fractures from 6801 to 6802 and 6803 to 6803 1/2.
	6803-6812		Intermingled sandstone and shale, very hard, tight, no show.
	6812-6820		Shale, dark gray to black, slightly silty and sandy.
Samples:	6820-6865		Shale, black, locally slightly silty.
	6865-6878		Shale as above, very silty.
Core #2	6878 to 6902':		
	6878-6883		Sandstone, lt gry, f.g., very argill., intermingled w/blk carb. sh., fair por., no perm. vert. fracs from 6882-6883, poor spotty fluor. in top 3'.
	6883-6888		Sandstone, lt gry, f.g., argular to sub-rounded, very argill., good por., no perm., no show.
	6888-6890		Sandstone as above, good por., low perm., vert. fracs.
	6890-6894		Sandstone, lt gry, f.g., argular to sub-rounded, argill., fair por., low perm. spotty oil stn & fluor.
	6894-6897		As above, increase in perm., vert fracs from 6896-6897, spotty show as above.
	6897-6900		Sandstone, lt gry, f.g., ang. to sub-rounded, argill., fair por., low perm., closed vert fracs, no show except along frac. planes.
	6900-6903		Sandstone as above, good porosity, poor to fair perm., closed and open vert fracs, show of oil along frac. planes.

TEST RESULTS: Bbls oil per day _____
 Gas Vol _____ Mcl/Day _____
 B.S. & W. _____ %
 Gas Gravity _____
 (Corr. to 15.855 psi & 60°F)
 GI Bbl. of oil _____
 API Gravity _____