

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADORECEIVED
AUG 28 1957

00270684

WELL COMPLETION REPORT

OIL & GAS
CONSERVATION COMMISSION

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 MCKENZIE Operator NORTHERN NATURAL GAS PRODUCING COMPANY
County WELD Address 202 MILE HIGH CENTER
City DENVER State COLORADO

Lease Name MCKENZIE "A" Well No. 1 Derrick Floor Elevation 4510'
Location SW OF SE Section 13 Township 9N Range 57W Meridian
(quarter quarter)
660 feet from S Section line and 1980 feet from SE 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 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.

Signed Adam J. Butler A.M. Butler
Title Denver District Landman

Date _____
The summary on this page is for the condition of the well as above date.
Commenced drilling 4-23, 1957 Finished drilling 7-10, 1957

CASING RECORD

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST	
						Time	Psi
8-5/8	28	H-40	212'	125	24		
5-1/2	15 1/2	J-55	5963'	250	48		

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	From	Zone	To
Jet	Four	5913		5918
Jet	Four	5900		5905
Jet	Four	5882		5892

TOTAL DEPTH 5970 PLUG BACK DEPTH 5898

Oil Productive Zone: From 5882 To 5892 Gas Productive Zone: From 5882 To 5892
Electric or other Logs run Induction and Radial Date 5-17, 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		
5-18-57	Oil Frac.	10,000	5913	5918	J Sand	
5-27-57	Oil Frac.	4,000	5900	5905	J Sand	
6-20-57	Oil Frac.	3,000	5882	5892	J Sand	

Results of shooting and/or chemical treatment: _____

DATA ON TEST

Test Commenced 4 ~~MONDAY~~ P.M. 8-7 19 57. Test Completed 4 ~~MONDAY~~ P.M. 8-8 19 57

For Flowing Well:

Flowing Press. on Csg. 500 lbs./sq.in.
Flowing Press. on Tbg. 160 lbs./sq.in.
Size Tbg. 2 in. No. feet run 5882
Size Choke 20/64 in.
Shut-in Pressure 1100 lbs.

For Pumping Well:

Length of stroke used AJJ inches.
Number of strokes per minute DVR
Diam. of working barrel 1.56 inches
Size Tbg. _____ in. No. feet run WPS
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? yes

TEST RESULTS: Bbls. oil per day 8 API Gravity _____
Gas Vol. 615 Mcf/Day; Gas-Oil Ratio _____ Cf/Bbl. of oil
B.S. & W. 80 %; Gas Gravity _____ (Corr. to 15.025 psi & 60°F)

AJJ
DVR
1.56
WPS
AH
JJD
FILE

Producer.

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
Ogallala	0	150'	shale and water bearing sands
Tertiary	150'	1300'	shale
Pierre	1300'	5019'	shale (dark gray)
Niobrara	5019'	5297'	shale (calcareous)
Ft. Hayes	5297'	5334'	limestone
Codell	5334'	5346'	sandstone
Carlisle	5346'	5490'	shale
Greenhorn	5490'	5520'	limestone
Graneros	5520'	5704'	shale
Mowry	5704'	5803'	shale
"D" Sand	5803'	5820'	sandstone
Cretaceous	5820'	5882'	shale
"J" Sand	5882'	5970'	sandstone
Cored	5804'	5829'	sand and shale w/ slight show oil & gas at 5817'-18'
Cored	5885'	5935'	sandstone w/ show of oil & gas at 5885' - 5935'

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST
8-5/8	28	H-40	212'	125	SL	Time
5-1/2	15 1/2	L-22	5883'	250	48	Per

Type of Charge	No. Perforations per ft.	From	To
Jet	Four	5882	5918
Jet	Four	5900	5905
Jet	Four	5882	5892
TOTAL DEPTH	5970	PLUG BACK DEPTH	5892

Oil Productive Zone: From 5882 To 5882
Electric or other logs run
Was well cored? Yes
Has well sign been properly posted? Yes

DATE	SHELL EXPOSURE OR CHEMICAL USED	QUANTITY	FORMATION	REMARKS
5-18-57	Oil Trac.	10.000	5882 To 5918	1 Sand
5-27-57	Oil Trac.	1.000	5900 To 5905	1 Sand
6-20-57	Oil Trac.	3.000	5882 To 5892	1 Sand

TEST RESULTS: Bbl. oil per day		DATA ON TEST	
Gas Vol. 615 Mcf/day	Gas Gravity 80	Test Completed 4:10 P.M. 8-8	10-57
Flowing Press. on Top 160 lbs./sq. in.	Flowing Press. on Casing 500 lbs./sq. in.	For Pumping Well:	
Size Top 2 in. No. test run 5882	Size Casing 20 1/2 in.	Length of stroke used	inches
Shut-in Pressure 1100 lbs.	Depth of Pump	Number of strokes per minute	inches
	Size Top 2 in. No. test run	Diam. of working barrel	inches
		Test Results	FILE