

WELL COMPLETION REPORT

RECEIVED
MAY 3 1957

CONSERVATION COMMISSION

Field	Mt. Hope East	Operator	Reserve Petroleum Company
County	Logan	Address	Box 179
		City	Loveland
		State	Colorado

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 ☐

Date 5-1-57 Signed Jack E. Kennedy
Title Director

The summary on this page is for the condition of the well as above date.

Commenced drilling	January 12	1957	Finished drilling	January 22	1957
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SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST	
						Time	Psi
8 5/8"	24#	J-55	73'	75	12 hrs.		

Type of Charge	No. Perforations per ft.	From	Zone	To
TOTAL DEPTH	5056'	PLUG BACK DEPTH		

Oil Productive Zone: From _____ To _____ Gas Productive Zone: From _____ To _____
Electric or other Logs run electric log Date January 22, 1957
Was well cored? yes Has well sign been properly posted? yes

DATE	SHELL, EXPLOSIVE OR CHEMICAL USED	QUANTITY	ZONE		FORMATION	REMARKS
			From	To		

Results of shooting and/or chemical treatment:

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.
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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
ELECTRIC LOG TOPS			
Niobrara	3950		
Carlile	4373		
Greenhorn	4584		
Bentonite	4742		
"D" Sand	4837		
"J" Sand	4944		
Total depth	5056		
DRILLSTEM TESTS			
#1	4947	4954	Packer failed.
#2	4948	4954	Open 65", shut-in 15", weak blow that died in 50", recovered 185' of muddy water with oil scum. FP 100-120#, S.I. 500#, Hyd. 2600#.
CORES			
#1	4806	4831	Recovered 21' (barrel jammed) 21' shale, black, fissile, "poker chip".
#2	4831	4840	Recovered 7' (bearing locked) 4 3/4' shale, black, fissile, "poker chip". 1/4' sand, brown, fine-grained, poor P & P, wet, no show. (contacts beveled from rotating inner barrel) 1/2' shale, black. 1/2' sand, tight, "reworked", no show. 1' sand, gray, fine-grained, fair P & P, wet, no show. (lower contact beveled from rotating inner barrel)
#3	4942	4969	Recovered 25 1/2' 3' shale, black, fissile. 2' sand, dark gray, very shaly, "reworked", abundant phosphatic linguloid fragments, no shows. 3' sand, gray-brown, shaly, reworked, tight, show in sand inclusions. 3' sand, gray, hard & tight, glauconitic shale partings, even stain & fluorescence, bleeding oil. 2' sand, reworked, tight, spotty stain in upper foot. 1 1/2' sand, heavily reworked, no show, tight. 1/2' sand and shale, laminated, no show. 10 1/2' sand, light gray, fine-grained, fair-good P & P, wet.

TEST RESULTS: Bbls. oil per day _____
Gas Vol. _____
Gas Gravity _____
API Gravity _____
Gas Oil Ratio _____
Gas Vol. _____
Gas Gravity _____
(Corr. to 15.025 psi & 60°F)