



**OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO**

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. *Am 1-2129*

Field Mount Hope North Fork (Sanel) Operator Signet Operating & Exploration Company
County Logan Address 245 Petroleum Club Building
City Denver 2 State Colorado

Lease Name Green City Denver 2 State Colorado
Location C SW/4 NW/4 Well No. 1 Derrick Floor Elevation 4242'
2031 (quarter quarter) Section 20 Township 9N Range 53W Meridian 6th
1980 feet from N Section line and 645 feet from W Section Line
N or S

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 March 27, 1959

Signed Ed H. Lanning
Title Engineer

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

Commenced drilling February 12, 19 59 Finished drilling February 18, 19 59

CASING RECORD

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST	
						Time	Psi
8-5/8"	28#	J	99'	100	24 hrs.		
5-1/2"	14# & 15.5#	J	5106'	200	72 hrs.		

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	From	Zone To
Bullets	6	5048	5052

TOTAL DEPTH	5120'	PLUG BACK DEPTH	5090'
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Oil Productive Zone: From 5046' To 5056' Gas Productive Zone: From _____ To _____
Electric or other Logs run Induction, Micro & Gamma Ray Date February 18, 19 59
Was well cored? No 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		
	None					

Results of shooting and/or chemical treatment:

DATA ON TEST

Test Commenced 8 A.M. of ~~XXX~~ March 14 19 59 Test Completed 8 A.M. ~~of XXX~~ March 15 19 59
For Flowing Well: For Pumping Well:

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 64 inches.

Number of strokes per minute 16

Diam. of working barrel 1-1/16 inches

Size Tbg. 2 in. No. feet run 5084

Depth of Pump 5052 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 54 API Gravity 39.6°
 Gas Vol. 21,050 Mcf/Day; Gas-Oil Ratio 389 Cf/Bbl. of oil
 B.S. & W. 60 %; 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
Niobrara	4242'		
Fort Hays	4405'		
Codell	4450'		
Carlile	4455'		
Greenhorn	4664'		
Bentonite	4804'		
"D" Sand	4894'		
"J" Sand	4999'		
Total Depth	5120'	Electric Log	
			Dst #1, 5000-5016'. Tool open 1 hour, shut in 15 minutes. Recovered 115' mud. IFP 78#; FFP 78#; SIP 623#; HP 2702#.
			DST #2, 5026-5040'. Tool open 1 hour, shut in 30 minutes. Recovered 130' slightly oil and gas cut mud. 634,000 CFGPD. IFP 38#; FFP 113#; SIP 995#; HP 2647#.
			DST #3, 5044-5052'. Tool open 36 minutes, shut in 18 minutes. Gas to surface in 2 minutes. Spray of distillate to surface in 7 minutes. Blow decreasing in 34 minutes. Initial blow 209,000 CFGPD. Recovered 920' free oil, 360' of heavy oil cut mud, 150' of water. IFP 122#; FFP 360#; SIP 995#; HP 2628#.

TEST RESULTS: 21.050

Gas Vol. 21.050

Gas Gravity 0.85

Oil Gravity 0.85

Water Gravity 1.00

Gas Solubility 0.00

Oil Solubility 0.00

Water Solubility 0.00

Gas Viscosity 0.00

Oil Viscosity 0.00

Water Viscosity 0.00

Gas Surface Tension 0.00

Oil Surface Tension 0.00

Water Surface Tension 0.00

Gas Permeability 0.00

Oil Permeability 0.00

Water Permeability 0.00

Gas Formation Volume Factor 0.00

Oil Formation Volume Factor 0.00

Water Formation Volume Factor 0.00

Gas Compressibility 0.00

Oil Compressibility 0.00

Water Compressibility 0.00

Gas Density 0.00

Oil Density 0.00

Water Density 0.00

Gas Viscosity Index 0.00

Oil Viscosity Index 0.00

Water Viscosity Index 0.00

Gas Prandtl Number 0.00

Oil Prandtl Number 0.00

Water Prandtl Number 0.00

Gas Thermal Conductivity 0.00

Oil Thermal Conductivity 0.00

Water Thermal Conductivity 0.00

Gas Specific Heat 0.00

Oil Specific Heat 0.00

Water Specific Heat 0.00

Gas Refractive Index 0.00

Oil Refractive Index 0.00

Water Refractive Index 0.00

Gas Dielectric Constant 0.00

Oil Dielectric Constant 0.00

Water Dielectric Constant 0.00

Gas Viscosity Index 0.00

Oil Viscosity Index 0.00

Water Viscosity Index 0.00

Gas Prandtl Number 0.00

Oil Prandtl Number 0.00

Water Prandtl Number 0.00

Gas Thermal Conductivity 0.00

Oil Thermal Conductivity 0.00

Water Thermal Conductivity 0.00

Gas Specific Heat 0.00

Oil Specific Heat 0.00

Water Specific Heat 0.00

Gas Refractive Index 0.00

Oil Refractive Index 0.00

Water Refractive Index 0.00

Gas Dielectric Constant 0.00

Oil Dielectric Constant 0.00

Water Dielectric Constant 0.00