

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADORECEIVED
FEB 4 - 1965OIL & GAS
CONSERVATION COMMISSION

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 Wildcat Operator Cardinal Petroleum Co.-Ginther Warren & John
County Adams Address P. O. Box 1077 Page
City Billings State Montana
Lease Name Noonen Well No. 1 Derrick Floor Elevation 5124
Location NW NE Section 22 Township 3S Range 59W Meridian 6 PM
(quarter quarter)
660 feet from N Section line and 1980 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 _____; 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.

Signed C.B. Dugger
Date February 1, 1965 Title C. B. Dugger District Manager

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

Commenced drilling 1-9-65, 19 _____ Finished drilling 1-19-65, 19 _____

CASING RECORD

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST	
						Time	Psi
8-5/8"	20#	J-55	255	100			

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	Zone	
		From	To

TOTAL DEPTH 6280'

PLUG BACK DEPTH _____

DVR	<input checked="" type="checkbox"/>
WRS	<input type="checkbox"/>
HHM	<input type="checkbox"/>
JAM	<input type="checkbox"/>
FJP	<input checked="" type="checkbox"/>
JJD	<input checked="" type="checkbox"/>
FILE	<input type="checkbox"/>

Oil Productive Zone: From _____ To _____ Gas Productive Zone: From _____ To _____
Electric or other Logs run Yes Date Jan. 19 19 65
Was well cored? No 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:

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.

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 _____ Ct/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
Niobrara	5290	5682	Shale, dark brn to dark gray, very calcareous, speckled.
Ft. Hays	5682	5724	Limestone, white to pink, micro crystalline to sub-sucrosic
Carlile	5724	5790	Siltstone, medium to dark gry, very glauconitic, and shale, dark gray to black, silty.
Greenhorn	5790	5854	Shale, medium to dark brown, very calcareous
Bentonite	6010	6013	Bentonite, white, soft
"D" Sand	6104	6161	Sandstone, light gray to tan, fine grained, some clay filled, some siliceous and some with poor to fair porosity and permeability. Top portion had fair to good fluorescence and light stain.
"J" Sand	6179	TD 6280	Sandstone, white to light gray, fine to medium grained, glauconitic, some clay filled and some with poor-fair porosity and permeability. Local zones with fair to good fluorescence, light oil stain.
			NO CORES
			DST #1 ("D") 6109-6147 Open 123 minutes. Immediate fair blow continuing to end of test. Recovered: 200' heavily mud cut water and 1700' slightly gas cut water. IFP 126#, FFP 834#; ISIP (30 min) 1505#, FSIP (30 min.) 1463#; IHP 3321#, FHP 3302#.
			DST #2 6219-6228 - Packer failure - Misrun.
			DST #3 ("J") 6221-6226 Open 2 hours; Immediate weak blow, increasing to fair blow in 20 min., and continuing through test. Recovered: 30' water cut mud, 90' muddy water, 530' clear water. IFP 62#, FFP 176#; ISIP (30 min.) 1505#, FSIP (30 min.) 1454#; IHP 3322#, FHP 3188#.