

OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO

RECEIVED DEC 26 1957



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 Atwood East Operator Kansas-Nebraska Natural Gas Co., Inc. for Excelsior Oil Corporation
County Logan Address 300 N. St. Joseph Ave. City Hastings, State Nebraska
Lease Name Miller Well No. 3 Derrick Floor Elevation 3981
Location C E 1/2 NW NW Section 25 Township 7N Range 53W Meridian 6th
660 feet from N Section line and 990 feet from W Section Line Principal

Drilled on: Private Land [X] Federal Land [ ] State Land [ ]
Number of producing wells on this lease including this well: Oil Two; Gas
Well completed as: Dry Hole [ ] Oil Well [X] 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 George H. Whipple Title Production Supt.
Date Dec. 21, 1957

The summary on this page is for the condition of the well as above date.
Commenced drilling September 18, 1957 Finished drilling September 28, 1957
under surface casing

CASING RECORD

Table with columns: SIZE, WT. PER FT., GRADE, DEPTH LANDED, NO. SKS. CMT., W.O.C., PRESSURE TEST (Time, Psi). Rows include 8-5/8" 22.7# 323 G.L. 250 24 hrs. plus and 5-1/2" 14# 4464 K.B. 150.

CASING PERFORATIONS

Table with columns: Type of Charge, No. Perforations per ft., From, Zone, To. Row: Super Casing Jets (McCullough) 4 Shts./ft. 4415 4419 K.B.

TOTAL DEPTH 4479 K.B. PLUG BACK DEPTH 4460 K.B.

Vertical index table with entries: AJJ, DVR, FJK, WRS, HHS, AH, JJD, FILE.

Oil Productive Zone: From 4410 To 4422 K.B. Gas Productive Zone: From To
Electric or other Logs run E.S., Micro, & Gamma Ray Date Sept. 28, 1957
Was well cored? Yes Has well sign been properly posted? Yes

RECORD OF SHOOTING AND/OR CHEMICAL TREATMENT

Table with columns: DATE, SHELL, EXPLOSIVE OR CHEMICAL USED, QUANTITY, ZONE (From, To), FORMATION, REMARKS. Row: None.

Results of shooting and/or chemical treatment:

DATA ON TEST

Test Commenced 6:30 A.M. Oct. 5, 1957 Test Completed 5:00 P.M. Oct. 5, 1957

For Flowing Well: Flowing Press. on Csg., Flowing Press. on Tbg., Size Tbg., Size Choke, Shut-in Pressure.
For Pumping Well: Length of stroke used, Number of strokes per minute, Diam. of working barrel, Size Tbg., Depth of Pump.

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 322 API Gravity 32° (Est.)
Gas Vol. 128.8 Mcf/Day; Gas-Oil Ratio 400 Cf/Bbl. of oil
B.S. & W. Trace %; Gas Gravity .83 (Corr. to 15.025 psi & 60°F)

(See Remarks on Reverse Side)

FORMATION RECORD

25-7N-53W

Give name, top, bottom and description of all formations encountered, and indicate oil, gas and water bearing intervals, cored sections and drill stem tests.

INSTRUCTIONS

FORMATION NAME	TOP	BOTTOM	DESCRIPTION AND REMARKS
Niobrara	3586		
Carlile	3954		
Greenhorn	4144		
1st Bentonite	4236		
2nd "	4296		
"D" Sand	4390		
T.C.	4479		
Core #1	4405	4423	Recovered 17 ft.
	4405	4408	Reworked sandstone & shale - no show
	4408	4410	Sandstone, fine-grained, carbonaceous streaks and spots, stain, slight swamp odor. Slightly bleeding gas.
	4410	4420	Sandstone, fine-grained, saturated, good odor, bleeding fresh water, looks flushed. Slight vertical fracture bleeding oil along three tight fractures.
	4420	4423	Black Shale
D.S.T. #1	4407	4422	Tool open 1 hr. 5 min. Shut in 30 min. Gas in 2 1/2 min. Est. 15 to 25 MCF gas PD diminishing to weak blow. Recovered 3728 ft. of oil and 150 ft. of muddy water.
			IHP 2375
			IFF 738
			FFP 731
			SIP 1045
			FHP 2285

REMARKS: This well was swabbed in and tested for 10 1/2 hrs. through 5 1/2 casing. The well flowed most of the ~~time~~ period with the assistance of an occasional pull of the swab. The well was subsequently put on pump and a quarterly G.O.R. test on the pump will be submitted.

(See Remarks on Reverse Side)