OGCC Form 5

OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO

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MAR 11 1959
OIL & GAS CONSERVATION COMMISSION

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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 Curtis — Operator Tennessee Gas Transmission Company
County Routt — Address P. O. Box 1772
City Casper — State Wyoming

Lease Name Andrew J. McDermott — Well No. 1 — Derrick Floor Elevation 6678'
Location SW/4 SE/4 (quarter quarter) — Section 24 — Township 6 N — Range 86 W — Meridian 6 th
675 feet from S (N or S) Section line and 2003 feet from E (E or W) Section Line

Drilled on: Private Land [X] Federal Land [ ] State Land [ ]
Number of producing wells on this lease including this well: Oil 1 ; Gas 0
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
Date March 4, 1959 — Title Patterson Lay, District Superintendent

The summary on this page is for the condition of the well as above date.
Commenced drilling 7-28-, 19 58 Finished drilling 8-15, 19 58

CASING RECORD

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST Time	PRESSURE TEST Psi
9-5/8" OD	32.30#	H-40	586.49' KB	250 sxs.(circ.) (to surface)	27 hrs.	30 min.	500
7" OD	20#	J-55	4050.70' KB	177 sxs.	72 hrs.		

AJJ -
DVR
WRS
HHM
JAM
FJP
JJO
FILE

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	Zone From	Zone To
	NONE		

TOTAL DEPTH 4519' — PLUG BACK DEPTH 4255'

Oil Productive Zone: From 4050' To 4255' — Gas Productive Zone: From To
Electric or other Logs run Schlumberger ES and Section Gauge — Date 8-16-, 1958
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 From	ZONE To	FORMATION	REMARKS
9-6-58	Lane Wells Vibra-Frac	156 Bbls.	4230'	4240'	Niobrara	Shot #1
9-8-58	Lane Wells Vibra-Frac	156 Bbls.	4174'	4184'	Niobrara	Shot #2
9-8-58	Lane Wells Vibra-Frac	156 Bbls.	4160'	4170'	Niobrara	Shot #3

Results of shooting and/or chemical treatment: Shot #1 - increase hole dia. from 9" to 12 1/2", Misrun on Caliper Survey of Shot #2 and #3.

DATA ON TEST

Test Commenced 5 ~~AM~~ or P.M. 10-6- 1958. Test Completed 7 A.M. ~~P.M.~~ 10-16-1958.

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 54 inches.
Number of strokes per minute 11
Diam. of working barrel 2 inches
Size Tbg. 2 3/8 in. No. feet run 4080
Depth of Pump 4020 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 104 API Gravity 38
Gas Vol. - Mcf/Day; Gas-Oil Ratio - Cf/Bbl. of oil
B.S. & W. trace %; Gas Gravity - (Corr. to 15.025 psi & 60°F)

24-40N-86W

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
Bentonite	1315		
Niobrara "A"	3484	3580	
Niobrara "B"	3841	3936	
Niobrara "C"	4140	4221	
Niobrara "D"	4310	4419	
Core Record:	None		

DST #1, 578-625', Mancos, ISI 44 min., open 91 min., FSI 30 min., immediate fair blow (air), decreasing in 5 min. to weak and remained weak throughout test. No gas to surface. Recovered 260' mud cut water. IHP 280, FHP 280, ISIP 185, FSIP 115, IFP 19, FFP 95 (Building).

DST #2, 3484-3650', Niobrara, ISI 32 min., open 75 min., FSI 31 min., tool opened w/very weak blow (air), dead in 6 min. By passed tool and reopened w/weak blow, died in 25 min. No gas to surface. Recovered 30' drilling mud. IHP 1750, FHP 1750, ISIP 15, FSIP 35, IFP 15, FFP 35.

DST #3, 3876-4050, Niobrara "B" Zone, ISI 32 min., open 121 min., FSI 46 min., tool opened w/ fair blow (air), decreasing to weak in 7 min. and remaining weak throught test. Recovered 75' VSGCM. ISIP 76, IFP 38, FFP 38, FSIBHP 76, HP 1938.

DST #4, 4140-4260', Niobrara "C" Zone, ISI 30 min., open 120 min., FSI 45 min., tool opened w/strong blow, remaining strong throughout test. Recovered 120' drilling mud, 300' GCM, 1085' HO & GCM & 120' MCO. ISIP (failed - too little air in chamber), IFP 452, FFP 820, FSIBHP 1308 (building), IHP 2042, FHP 2042.

Sand frac treatment (following Vibra Frac shown on reverse page) by Howco 9-16-58 down 7" casing w/20,000# 20-40 sand, 1/20# per gal FL2 and 895 Bbls. Lease Crude. Inj. rate 24 BPM @ 1200 PSI. Init. Inj. press. 1050 PSI. Final press. at end of flush 1400 PSI. SI press. from 1160 to 1000 PSI in 18 min. and 1000 PSI to 0 in 13 hrs.