

MAY 15 1958



00417745

OIL & GAS
CONSERVATION COMMISSIONOIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

WELL COMPLETION REPORT

AJJ	
DVR	
WRS	12
HHM	
JAM	
FJP	✓
JJD	✓
FILE	

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 Second-Greek Operator Jack Rouse
County Adams Address 911 Midland Savings Bldg., Denver, Colo
City _____ State _____

Lease Name Monaghan Well No. 2 Derrick Floor Elevation 5399.45
Location NW1/4 SW1/4 Section 8 Township 3 So. Range 65 W Meridian 6 P.M.
(quarter quarter)
2310 feet from S Section line and 330 feet from W 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 2; 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 May 1, 1958Signed J. Rouse
Title Operator

The summary on this page is for the condition of the well as above date.
Commenced drilling Oct. 24, 1957 Finished drilling Nov. 14, 1957

CASING RECORD

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST	
						Time	Psi
10-3/4"	40.50	H-40	185'	300	24 hrs.	36 mins	3000#
5 1/2"	15.50 & 17	J-55	8375	300 and	72 hrs.		

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	From	Zone	To
Combination jet and bullet	4	8323		8327
		8332		8340

TOTAL DEPTH 8450' PLUG BACK DEPTH 8375 8342

Oil Productive Zone: From _____ To _____ Gas Productive Zone: From _____ To _____
Electric or other Logs run Electric, Micro, Induction Date _____, 19____
Was well cored? yes - see descriptions 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		
1/16/58	Oil sd. frac'd	24000#	8323	8327	Upper Dakota	
		sd. f.o.	8332	8340	" "	

Results of shooting and/or chemical treatment: _____

DATA ON TEST

Test Commenced 8 A.M. or P.M. Jan. 18, 1958 Test Completed 8 A.M. or P.M. Jan 19, 1958
For Flowing Well: Packed
Flowing Press. on Csg. off lbs./sq.in.
Flowing Press. on Tbg. 260 lbs./sq.in.
Size Tbg. 2 1/2 in. No. feet run 8311
Size Choke 16/64 in. adjustable
Shut-in Pressure _____

If flowing well, did this well flow for the entire duration of this test without the use of swab or other artificial flow device?
yes

SEE REVERSE SIDE

TEST RESULTS: Bbls. oil per day 134 API Gravity 39 API Corr. _____
Gas Vol. 40 Mcf/Day; Gas-Oil Ratio 300 Cf/Bbl. of oil Est.
B.S. & W. Tr. %; 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
Shale	5100	5265	dark gray, silty
Siltstone	5265	5295	light gray to white
5295x Sandstone	5100 5295	5400	very fine, lt. gray to white, glauconitic, some faint blue fluorescence in ss. in lower part. (From 5250' drilled & 52' in 54 mins.) Top of Hygiene 5267'
Shale	5400	5510	dark gray, silty - considerable reddish-brown fluorescent clay 5400-5415' - some v.f. white glauconitic sand stone.
Shale	5510	5640	gray and brown, silty, carbonaceous - some bentonite 5630'-5640'.
Shale	7680	7700	dark gray with strong oil and gas odor * * * * *
7820 Shale	7820	7930	dark gray, some speckled in upper part, little brown limestone 7870'-7880' - trace to little wh. ls. 7900'-7930' - 7850-7870' drilling 9 ft/hr. Drilling change 7893' from 7 mins. to 9-10 mins./ft. drilling change 7919" from 10 mins./ft. to 7 mins./ft (8 ft./hr)
Limestone	7930	7960	white, lt. oil stain - very good fluorescence
Shale	7960	7980	dark gray - considerable fine ss. sl. fluorescence
Shale	7980	8000	dark gray * * * * *
Shale	8200	8290	dark gray - occasional bentonite
Shale	8290	8305	dark gray - considerable bentonite
8305 Sandstone	8305	8306	very fine, quartzitic. (This foot drilled in 14 mins. 8299-8305 drilled 9 ft./hr. Time for returns 1 hr. 44 mins. Showed little ss. in 1½ hr. circulating, showed good in 2 hrs. circulating.
Siltstone	8306	8339	Green oil showing on pits at 11:20 A.M. 11/11/57 after reaming "D" sandstone.
Shale	8340	8360	dark gray, fissile Cores No. 1 & No. 2
Siltstone	8360	8368	gray, little bentonite - drilling change @ 8357'
Shale & Siltstone & Sandstone	8368	8413	Core No. 3 -
8413 Shale	8413	8420	black. Little sandstone with blue fluorescence
Shale	8420	8450	Black

TOPS

Schlumberger

Fox Hills Sandstone	1564'
Hygiene Sandstone	5267'
Niobrara Shale	7571'
Fort Hays Sandstone	7909'
Codell Sandstone	7931'
Dakota Series:	
First Sandstone	8306'
Second Sandstone	8368'
Third Sandstone	8390'

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ATTACHED TO
WELL COMPLETION RECORD
Monaghan #2 - Adams County, Colo.

May 1, 1958

CORE RECORD

Core No. 1 From 8306-8322' Recovered 16 ft. Core out at 8:15 A.M. 11/9/57

8306-8319 Siltstone, gray and silty shale, dark gray interlaminated. Some irregular laminations and "blobs" of fine, white siltstone. Some gas odor and sluoescence in top 1½ ft., also at 8314'

8319-8322 Sandstone, hard, fine, gray with uniform oil stain, good odor and good yellow fluorescence.

Core No. 2 From 8322 to 8339' Recovered 17 ft. Core out at 8 PM. 11/9/57

8322-8327 Siltstone, gray and shale, dark gray, micaceous, evenly interlaminated. Sandstone nubbin in top 3 inches with oil and gas odor.

8327-8335' Sandstone, fine, brown, vertical fractures, occasional black silty parting. Few soft brown clay pellets. Good even oil stain, and fluorescence.

8335-8337½ Sandstone, fine, gray with thin black shale partings. Fair Fluorescence.

8337½-8339 Shale, black, fissile.

"D" of First Sandstone Zone 8305 to 8337½

Core No. 3 From 8368 to 8413'. Recovered 45 ft. Core out at 10 PM. 11/12/57

8368-8369 Shale, black

8369-8376 Sandstone, brown, quartzitic, some black shale pellets, good odor, stain and fair fluorescence.

8376-8377 Shale, black

8377-8390 Siltstone, hard gray and black shale interlaminated.

8390-8395 Sandstone, silty, very fine, hard, gray, light gas odor in parts.

8395-8398 Sandstone, fine gray and shale, black, irregularly interbedded with "blobs" of very fine gray sandstone, looks reworked.

8398-8413 Sandstone, fine to medium quartzose, gray, occassional black shale partings, "blobs" and pellets. Good odor, stain and blue fluorescence.

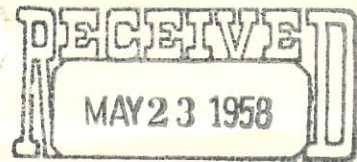
Dips 15½° - 17½° - 19° (may be cross bedding)

D.S.T. #1 8318-8339' Open 2 hrs. immediate weak blow increasing to strong blow in 8 minutes. Gas to surface in 58 mins. - 20,000 cu. ft. per day. Recovered 100' free oil - 560' oil and gas cut water cushion.

SIP (45 mins.) 4360# FP 375# - 465 #
HP 4875# - 4700#.

D.S.T. No. 2 8378-8455'. Open 1½ hrs. immediate blow increasing to fair blow in 10 mins. Continued for 30 mins., gradually dying at end of 1 hr. Recovered 480' of gas cut water cushion, 270' of gas, 60' slightly gas cut mud.
SIP (30 mins.) 415# FP 250# - 265#
HP 4715# - 4375#.

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CONSERVATION COMMISSION

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CORE ANALYSES FROM Monaghan #2 Well

"J" SAND

DEPTH	PERMEABILITY	POROSITY	% OIL	% WATER	SP. GRAVITY
8376	0	5.9	5.2	5.2	2.67
8397.5	0	6.2	4.8	19.1	262
8402	T	8.5	6.7	20	2.61
8403	T	12.6	4.6	16.3	2.65
8406	T	7.4	8.5	29	2.62
8410	T	7.7	12.1	15.5	2.64

* * * * *

"D" SAND

8319	2.7	9.3	9.2	18.5	2.58
8320	0	8.3	18.0	8.7	2.62
8321	2.2	10.4	11.8	17.6	265
8327	4.3	8.8	3.1	3.1	2.64
8329	2.5	9.2	15.5	7.0	2.65
8331.5	T	8.9	17.5	6.3	2.65
8332.5	T	7.6	20.0	12.0	2.65
8333	0	8.9	9.5	6.3	2.66
8335	T	8.1	14.0	7.0	264

TOTAL PERMEABILITY THIS SECTION 11.7 Md

