

RECEIVED
OCT 24 1958

INSTRUCTIONS

Field Wildcat DISC. Operator Muron Drilling Company
County Washington County, Colorado Address 506 Patterson Bldg.
City Denver 2 State Colorado
Lease Name Hass H 435 Well No. 1 Derrick Floor Elevation 4801.5
Location C NW SE Section 15 Township 3-S Range 55-W Meridian 6th p.m.
(quarter quarter)
1990 feet from S Section line and 1997 feet from E Section Line
N or S E or W

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.

The summary on this page is for the condition of the well as above date.
Commenced drilling September 2, 1958 Finished drilling September 12, 1958

CASING RECORD

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST	
						Time	Psi
10-3/4"	36.0	M40	46'	50	18 hrs.	18 hrs.	100
5-1/2"	15.5	JS	5040'	100	96 hrs.	24 hrs.	600
2" EUE	4.7	JS	4938'	None			

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	From	Zone To
Jet	6	4924'	4930' (ES Log)

TOTAL DEPTH 5045' (KB) PLUG BACK DEPTH 5008' (Float Collar in Casing) 5 1/2"

Oil Productive Zone: From 4924' To 4930' Gas Productive Zone: From To
Electric or other Logs run ES Log 9-12-58; Gamma ray 9-18-58; Date , 19
Was well cored? Yes Microlog 9-12-58 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		
		Completed	Natural			
Results of shooting and/or chemical treatment:						
DATA ON TEST						

DATA ON TEST

Test Commenced 4:30 A.M. or P.M. September 26 1958 Test Completed 4:30 A.M. or P.M. September 27 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 44 inches.

Number of strokes per minute 15

Diam. of working barrel 1 $\frac{1}{2}$ inches

Size Tbg. 2" EUE in. No. feet run 4938

Depth of Pump 4904 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?

TEST RESULTS: Bbls. oil per day 180 API Gravity 47
Gas Vol. NG Mcf/Day; Gas-Oil Ratio NG Cf/Bbl. of oil
B.S. & W. 0 %; Gas Gravity NG (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 RECORD

FORMATION NAME	TOP	BOTTOM	DESCRIPTION AND REMARKS
Niobrara	4000'		Cut Core No. 1 from 4880' to 4927' (KB) -- 100% recovery
Ft. Mays	4463'		Ran DST No. 1 from 4924' to 4930' (KB)
Carlile	4518'		Tool Open: 1:00 hour
Bentonite Marker	4730'		Recovered: 1210' free oil
"D" Sand	4823'		90' oil cut mud
"J" Sand	4879'		90' muddy water
Pay --	4922'	4932'	FP: 29 - 461 p.s.i.
Total Depth	5045'		SIP: 1091 p.s.i./15 minutes
			5 1/2" casing set at 5040' (KB) with 100 sacks of 4% gel cement.

TEST DATA

TEST NO.	DATE	TIME	WELL NO.	DEPTH	PRESSURE	TEMPERATURE	REMARKS
1	10-1-57	10:00	1	4927'	461 p.s.i.	1210' free oil	Run DST No. 1
2	10-1-57	11:00	1	4930'	461 p.s.i.	90' oil cut mud	Run DST No. 2
3	10-1-57	12:00	1	4932'	461 p.s.i.	90' muddy water	Run DST No. 3