

Form 3
(June, 1975)

STATE OF WYOMING
OIL AND GAS CONSERVATION COMMISSION
Office of State Oil and Gas Supervisor
P. O. Box 2640
Casper, Wyoming 82601

5. State Lease No.

1. WELL COMPLETION OR RECOMPLETION REPORT AND LOG

(Submit in Duplicate, Triplicate on State Lands)

Designate type of completion OIL WELL ☒ GAS WELL ☐ OTHER ☐ DRY ☐
NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☒ OTHER ☐ SAME RESVR. ☐ DIFF. RESVR. ☐

2. OPERATOR

W. A. MONCRIEF, JR.

CONFIDENTIAL

3. ADDRESS

P. O. BOX 2573 CASPER, WYOMING 82602

4. LOCATIONS (Show quarter-quarter description and footage measurements.)

At surface

610' FWL, 1980' FSL

At top prod. interval, reported below

At total depth

6. Unit Agreement

ALLEMAND

7. Farm or Lease Name

8. Well No.

#20-1
Reservoir

MUDDY

10. Field Name

WILDCAT

11. Section, Township and Range

20-38N-75W

12. County

CONVERSE

13. State

WY

14. Permit No.

49-009-22634

Date Issued

2-11-87

Previous Permit No.

15. Date Spudded

2-20-87

16. Date T.D. Reached

3-18-87

17. Date Compl. (Ready to Prod.)

3/24/87 (Dak)-6/27/87

18. Elevations (DF, RKB, RT, GR, etc.)*

5,559

19. Elev. Casinghead Flg.

5,539

20. Total Depth (MD & TVD)

14,140'

21. Plug Back T.D. (MD & TVD)

13,837'

22. If Multiple Compl. (Muddy) How Many*

NO

23. Intervals Drilled By Rotary Tools

0-14,140

Cable Tools

NIL

24. PRODUCING INTERVAL(S). THIS COMPLETION, TOP, BOTTOM, NAME (MD & TVD)*

13,804' - 810' -- MUDDY 13,976' - 14,028' -- DAKOTA (Temp Abandoned)

NA

26. TYPE ELECTRIC AND OTHER LOGS RUN (Circle those filed)

GR - DIL, FDC - CNL, CBL - CCL

27. Was Well Cored

NO

28. CASING RECORD (Report all strings set in well)

Casing Size	Depth Set (MD)	Hole Size	Weight Lbs./Ft.	Purpose	Sacks Cement	Amount Pulled
9 5/8"	2,013	12 1/4"	36-K-S	Surface	925	0
7"	3,678	8 3/4"	35-P-BT&C			
	4,269		32-P-BT&C	Production	850	0
	3,615		26-S95-LT&C			
	2,575/14,137		38-P-BT&C			

29. LINER RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cement*	Screen (MD)

30. TUBING RECORD

Size	Depth Set (MD)	Packer Set (MD)
2 7/8 N-6.5	13,740	13,740
(Retrievable BP @ 13,845' w/8' Sand)		

31. PERFORATION RECORD

Depth Interval (MD)	Holes per ft.	Size and Type	Purpose	Amt. & Kind of Material Used	Depth Interval (MD)
13,976 - 14,028	2	Jet 0.57" Dia.	Production	120 Bbl 42° API	13,976 - 14,028
				Crude oil breakdown	
				w/3 g/1000g free flow	
13,804' - 810'	4	Jet 0.57" Dia.	Production		(Cont on Back **)

33. PRODUCTION

Date First Production	Producing Method (Flowing, gas, lift, pumping—size & type of pump)					Well Status (Prod. or shut-in)
7/11/87	Flow					Producing
Date of Test	Hours Tested	Choke Size	Production For Test	Oil, Bbls.	Gas, Mcf.	Oil Gravity—API (Corr.)
7/16/87	24	18/64	→	163	1288	46°
Flow, Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil, Bbls.	Gas, Mcf.	Water, Bbls.	Gas-Oil Ratio
850	0	→	163	1288	17	7900

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

Wallace Rasmussen

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

W. A. Moncrief, Jr.

TITLE

Production Manager

DATE

7/16/87

INSTRUCTIONS

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see space 36.

Space 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements.

Space 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Spaces 22 and 24: If this well is completed for separate production from more than one zone (multiple-zone completion), so state in space 22, and in space 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the zone reported in space 33. Submit a separate completion report on this form for each interval (zone) to be separately produced.

Space 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Space 33: Submit a separate completion report on this form for each interval (zone) to be separately produced. (See instruction for spaces 22 and 24 above.)

DST No. 1

13,810 - 968' Muddy

Rec 193' gas cut mud, 4,464 water cushion

I & F HP 722/7111

IFP 10 min 2072 psi

ISIP 60 min 3876 psi

FFP 60 min 2072 psi

FSIP 120 min 3337 psi

** 32. (Cont.) 13,976' - 14,028' Frac 42,000 gal Gelled water, 43,500# ISP
13,804' - 810' Frac 44,320 gal Gel diesel, 47,500# ISP

SUMMARY OF SIGNIFICANT WATER ZONES AND OIL AND GAS ZONES (Except as shown on the front hereof)

GEOLOGIC MARKERS

(Note: If well was directionally drilled, show both measured and true vertical depths for zones and markers listed)

Kind of Formation (Sandstone, limestone, shale, etc.)	Depth to Top of Zone		Depth to Bottom of Zone		Contents; Productive Rate, if known	Name	Depth to Top	
	Meas. Depth	True Vertical	Depth	Meas. Depth			Meas. Depth	True Vertical
Muddy	13,804		13,810		Oil & Gas	Teapot	8,690	
Dakota	13,976		14,030		Oil & Gas	Parkman	9,033	
						Steele	9,644	
						Sussex	10,310	
						Shannon	10,790	
						Niobrara	12,040	
						Carlile	12,466	
						Frontier	12,688	
						Mowry	12,918	
						Muddy	13,804	
						Thermopolis	13,854	
						Dakota	13,975	
						Fuson	14,032	