

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. ☒

6. Unit Agreement

ALLEMAND

7. Farm or Lease Name

8. Well No.

20-1

9. Reservoir

MUDDY - DAKOTA

10. Field Name

UNDESIGNATED

11. Section, Township and Range

20 - 38N - 75W

2. OPERATOR

W. A. MONCRIEF, JR.

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

14. Permit No.

Date Issued

Previous Permit No.

Date Issued

49-009-22634

2-11-87

3-24-87 - Dakota

15. Date Spudded

2-20-87

16. Date T.D. Reached

3-18-87

17. Date Compl.

3-03-87 - Muddy

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

5559

19. Elev. Casinghead Flg.

5539

20. Total Depth (MD & TVD)

14,140'

21. Plug. Back T. D.

14,055

22. If Multiple Compl.,

How Many?

23. Intervals Rotary Tools

0-14,140'

Cable Tools

N11

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

13,804 - 13,810' - Muddy)
13,976 - 14,028' - Dakota) Commingled

25. Date Directional

Survey Submitted

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 casing set in well)

Casing Size	Depth Set (MD)	Hole Size	Weight (lb/ft)	Remarks	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'		36-S9S-LT&C			
	2,575'/14,137'		38-P-BT&C			



29. LINER RECORD

Size	Top (MD)	Bottom (MD)	Sacks Cement*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
					2-7/8" N-6.5	13,685'	Model R
							Baker

31. PERFORATION RECORD

Depth Interval (MD)	Holes per ft.	Size and Type	Purpose	Amt. & Kind of Material Used	Depth Interval (MD)
13,804-810	4	Jet 0.57" dia	Production	Continued on reverse side	
13,976 - 14,028'	2	Jet 0.57" dia	Production	120 bbl 42° crude oil breakdown w/39/10009 free flow	

33. PRODUCTION

Date First Production		Producing Method (Flowing, gas, lift, pumping—size & type of pump)					Well Status (Prod. or shut-in)	
3-3-88		Flowing					Producing	
Date of Test	Hours Tested	Choke Size	Production For Test	Oil, Bbls.	Gas, Mcf.		Oil Gravity—API (Corr.)	
3-7-88	24	18/64		60	270		45	
Flow, Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil, Bbls.	Gas, Mcf.		Water, Bbls.		Gas-Oil Ratio
350	0		60	270		10 load		4500 CF/bbl

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

Vented

Test Witnessed By

W.H. Oblinger

35. LIST OF ATTACHMENTS

Approval to commingle granted July 3, 1987 by Wyoming Oil & Gas Commission.

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 3/14/88

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.)

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

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

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

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

GEOLOGIC MARKERS

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	