

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other in-
structions on
reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		5. LEASE DESIGNATION AND SERIAL NO. SF - 078096	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☒ RECOMPLETION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY Attention: Nancy I. Whitaker		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 800 DENVER, CO. 8020 303-830-5039		8. FARM OR LEASE NAME, WELL NO. MUDGE B 10R	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1795 FNL 1470 FEL At top prod. interval reported below At total depth		9. API WELL NO. 3004510921	
14. PERMIT NO. DATE ISSUED		10. FIELD AND POOL, OR WILDCAT BLANCO MESAVERDE	
15. DATE SPURRED 08/25/1960		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 9 Township 31N Range 11W	
16. DATE T.D. REACHED 09/14/1960		12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 01/07/1997		13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6070.2 GL		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7375		21. PLUG, BACK T.D., MD & TVD 5837' CIBP	
22. IF MULTIPLE COMPLETIONS, HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS YES CABLE TOOLS NO	
PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND FEET) 4656' - 5280' MESAVERDE		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, GR, CCL		27. WAS WELL CORED N	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
10 3/4" H-40	32 3/4	208'	15"
7 5/8" J-55	26.4	2849'	9 7/8"
5 1/2" J-55	17.0	7375'	6 3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			SIZE
			DEPTH SET (MD)
			PACKER SET (MD)
30. TUBING RECORD			
PERFORATION RECORD (Interval, size, and number)			
4656, 4665, 4708, 4715, 4777, 4783, 4821, 4830, 4847, 4853, 4859, 4862, 4872, 4891, 4923 1 JSPF .340" DIAMETER — 15 HOLES			
5003, 5009, 5017, 5030, 5034, 5039, 5050, 5062, 5070, 5073, 5083, 5088, 5095, 5274, 5280 1 JSPF .340" DIA — 16 HOLES			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5003	5280	70 BBLS FRESH WATER W/24 BALL SEALERS	
5003	5280	2259 BBLS 70% FOAM, 1,019,060 SCF N2 - 98,350# 16/30	
4656	4923	60 BBLS FILTERED FRESH WATER W/23 BALL SEALERS	
4656	4923	1122 BBLS 70% FOAM, 589,787 SCF N2 - 45,337# 16/30 SAND	
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	
		FLOWING	
DATE OF TEST 01/14/1997		HOURS TESTED 21	
CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
		OIL - BBL. TRACE	
		GAS - MCF. 1100	
		WATER - BBL. 22	
		GAS-OIL RATIO	
FLOW TUBING PRESS. 150		CASING PRESSURE 160	
CALCULATED 24-HOUR RATE		OIL - BBL. TRACE	
		GAS - MCF. 1257	
		WATER - BBL.	
		OIL GRAVITY (API CORRECTION)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD			
TEST WITNESSED BY			
MAR 04 1997			
35. LIST OF ATTACHMENTS			
RECOMPLETION DETAIL INFORMATION			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			
SIGNED Nancy I. Whitaker		TITLE Staff Assistant	
		DATE 01-28-1997	

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

3004510921

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
PCITURED CLIFFS	2760					
LEWIS SHALE	2830					
CLIFFHOUSE	4365					
MENEFEE	4560					
POINT LOOKOUT	4970					
DAKOTA	7240					

TIH WITH RBP ON TBG AND SET AT 6040'. RBP SHEARED OFF. LOADED HOLD PRESSURE TESTED TO 1500 PSI. HELD OKAY. CALLED STEVE MASON AND GOT OKAY TO PXA DAKOTA FROM 6040 AND SPOT CEMENT ON CIBP.

SPOTTED 25 SXS CLASS B NEAT CEMENT ON CIBP FROM 5837' TO 6040'. TOH W/TBG AND PRESSURE TEST CSG TO 3000 PSI. HELD OKAY

RAN CBL ESTIMATED TOC @ 4000'.

PERFORATED 5003, 5009, 5017, 5030, 5034, 5039, 5050, 5057, 5062, 5070, 5073, 5083, 5088, 5095, 5274, 5280 WITH 1 JSPF .340 DIAMETER, 12.5 GMS 120 DEGREE PHASING AND OVERBALANCED PRESSURE OF 2185 PSI.

BROKE DOWN PERFS WITH 70 BBLS OF FRESH WATER AND 24 BALL SEALERS @ 8 BPM AND 2150 PSI.

FRACTURED 5003 - 5280 WITH 2259 BBLS OF 70% FOAM, 1,019,610 SCF NITROGEN, 87,350# OF 16/30 ARIZONA SAND AT AVERAGE OF 2006 PSI AND 14.2 BPM. ISIP 1060 PSI, 5 MIN 731 PSI, 10 MIN 705 PSI, 15 MIN 686 PSI.

FLOW TEST WELL 15 HRS 1/2 CHOKE RECOVERED 64 BBLS WATER, CASING SI PRES. 600 PSI. TESTED 24 HRS AT 1/2 CHOKE RECOVERED 6 BBLS WATER. CSG FLOWING PRESSURE 240 PSI.

SET RBP AT 4980'. PERFORATED 4656, 4665, 4708, 4715, 4777, 4783, 4821, 4830, 4847, 4853, 4859, 4862, 4872, 4891, 4923 W/ 1 JSPF, 12.5 GMS AND 120 DEGREE PHASING.

BROKE DWN PERFS W/ 60 BBLS FILTERED FRESH WATER AND 23 BALL SEALERS @ 844 PSI AND 4 BPM.

FRACTURED 4656 - 4923' W/ 1122 BBLS OF 70% FOAM, 569,787 SCF NITROGEN, 45,337# 16/30 ARIZONA SAND AT 2400PSI AVG. AND 46 BPM.

FLOW TESTED WELL 64 HRS WITH 1/2" CHOKE. RECOVERED 115 BBLS WATER. TIH W/ RET HEAD AND CLEANED OUT FILL AND RELEASED RBP SET AT 4980'. TIH AND TAGGED UP @ 5640 --- PULLED UP TO 5180.

FLOW TEST WELL 21 HRS. RECOVERED 1100 MCF GAS, TRACE OIL AND 22 BBLS WATER WITH 1/2" CHOKE.

TIH WITH 2 3/8" TBG. LANDED AT 5203'.