

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

(See other instructions 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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF - 076337	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> RECOMPLETION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 800 DENVER, CO. 80201		8. FARM OR LEASE NAME, WELL NO. HEATH GAS COM P # 1E	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790 FNL 880 FWL		9. API WELL NO. 3004525659	
At top prod. interval reported below		10. FIELD AND POOL, OR WILDCAT BLANCO MESAVERDE	
At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 31 Township 30N Range 9W	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUNDED 02/01/1984		12. COUNTY OR PARISH San Juan	
16. DATE T.D. REACHED 02/11/1984		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 02/21/1997		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 5980 KB	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 7148	
21. PLUG, BACK T.D., MD & TVD 7100		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS YES	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BLANCO MESAVERDE 4804-5059, 4442 4698, 4171-4320		CABLE TOOLS NO	
25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN CBL	
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	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8 K-55	32.3	327	12.25	360 CI FT	
7.0 J-55	23	2957	8.25	732 CU FT	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4.5	2783	7148	501 CU FT		2.375	7038	

PERFORATION RECORD (Interval, size, and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
BLANCO MESA VERDE 4804-5059 1 JSPF .340" 18 HOLES			
4442-4698 1 JSPF .340" 18 HOLES			
4171-4320 1 JSPF .340" 20 HOLES			

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
		FLOWING				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
02/26/1997	14	1/2		TRACE	1400	74	
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	ACCEPTED FOR RECORD	
170	320		TRACE	2400	127		

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

TEST WITNESSED BY
MAR 07 1997

35. LIST OF ATTACHMENTS
PERFORATION AND FRAC 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 03-04-1997

FARMINGTON DISTRICT OFFICE

*(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

MIRUSU 02/12/97

SET RBP @ 5102 FT. PRESSURE TESTED TO 1000 PSI FOR 15 MIN. HELD OKAY.
RAN CBL TOC # 4100.

PRESSURE TESTED CSG, FRAC VALVE TO 3000 PSI FOR 15 MINUTES. HELD OKAY.

PERFORATED 4804, 4808, 4811, 4815, 4819, 4823, 4827, 4839, 4851, 4860, 4863, 4867, 4880, 4886, 4890, 4895, 4904, 5059 W/ 1 JSPF 120 DEG. PHASING 12.5 GMS CHARGE AND 2210 PSI OVERBALANCE PRESSURE.

AC IDIZED W/12 BBLS OF 7.5% FE HCL AND 34 BBLS OF FILTERED FRESH WATER AND 20 BALL SEALERS.

FRAC W/ 1969 BBLS OF 70% FOAM, 41,701# OF 16/30 SAND AND 647,676 SCF N₂. ISIP 1630 PSI, SI 5 MIN 1192, SI 10 MIN 1133 PSI, SI 15 MIN 1090.

FLOWTEST 14 HRS. RECOVERED 100 BBLS OF WATER AT 1/2" CHOKE.

SET RBP @4770 FT. PRESSURE TESTED TO 1000 PSI FOR 15 MIN. HELD OKAY.

PRESSURE TESTED CSG, FRAC VALVE TO 3000 PSI FOR 15 MINUTES. HELD OKAY.

PERFORATED 4442, 4444, 4462, 4468, 4473, 4477, 4504, 4506, 4537, 4553, 4558, 4565, 4622, 4653, 4658, 4692, 4698 W/ 2 JSPF 120 DEG. PHASING 12.5 GMS CHARGE AND 2052 PSI OVERBALANCE PRESSURE.

AC IDIZED W/12 BBLS OF 7.5% FE HCL AND 30 BBLS OF FILTERED FRESH WATER AND 27 BALL SEALERS.

FRAC W/ 1115 BBLS OF 70% FOAM, 41,334# OF 16/30 SAND AND 550,229 SCF N₂. ISIP 1920 PSI, SI 5 MIN 1420, SI 10 MIN 1388 PSI, SI 15 MIN 1364.

FLOWTEST 16 HRS. RECOVERED 185 BBLS OF WATER AT 1/2" CHOKE.

SET RBP @4400 FT. PRESSURE TESTED TO 1000 PSI FOR 15 MIN. HELD OKAY.

PRESSURE TESTED CSG, FRAC VALVE TO 3000 PSI FOR 15 MINUTES. HELD OKAY.

PERFORATED 4171, 4174, 4180, 4181, 4208, 4210, 4218, 4221, 4228, 4234, 4238, 4239, 4260, 4269, 4294, 4298, 4300, 4309, 4315, 4320 W/1 JSPF 120 DEG. PHASING 12.5 GMS CHARGE.

AC IDIZED W/12 BBLS OF 7.5% FE HCL AND 31 BBLS OF FILTERED FRESH WATER AND 30 BALL SEALERS.

FRAC W/ 1272 BBLS OF 70% FOAM, 39,256# OF 16/30 SAND AND 627,720 SCF N₂. ISIP 2123 PSI, SI 5 MIN 1636, SI 10 MIN 1576 PSI, SI 15 MIN 1547.

FLOWTEST 24 HRS. RECOVERED 55 BBLS OF WATER AT 1/2" CHOKE.

TIH W/TBG AND TAG SAND 4358'. CO TO RBP@ 4400 AND PULL SAME. TIH AND TAG SAND & BALLS @ 4650, C/O TO RBP @ 4770 AND PULL SAME-- TIH AND TAG SAND @ 4984 FT. C/O TO RBP @ 5100 FT. PULL UP AND FLOW ALL MV BACK OVER NIGHT.

C/O 12 FT OF SAND OF RBP @ 5102 AND TOH W/SAME. TIH AND TAGGED UP @ 7100 FT. NO FILL PULL UP AND LAND TBG AT 7038.

RDSUMO 02/26/97

3004525659

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
OJO ALAMO	1372					
KIRTLAND	1944					
PICTURED CLIFF	2548					
CLIFFHOUSE	4166					
PT LOOKOUT	4797					
GALLUP	5883					
GREENHORN	6818					
DAKOTA	6920					