

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 ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. NAME OF OPERATOR
Amoco Production Company

Attention: Patty Haeefe

3. ADDRESS AND TELEPHONE NO.
P.O. Box 800, Denver, Colorado 80201 (303) 830-4988

4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements)*
At surface 1640' FSL 1410' FEL UNIT J

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE STUDDIED 6/23/95 16. DATE T.D. REACHED 6/30/95 17. DATE COMPL. (Ready to prod.) 9-14-95 18. ELEVATIONS (DE, RKB, RT, GR, ETC.)* 6166' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4770' 21. PLUG, BACK T.D., MD & TVD 4723' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

Mesaverde 4470-4612

26. TYPE ELECTRIC AND OTHER LOGS RUN
CBL, GR, CAL, HRI, SP, ML, SDL, DSN, ML

27. WAS WELL CORED
No

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
8.625" J-55	24#	129'	12.25"	120 sx Class B, cmt to surface	
5.5" CF-50	14#	2538'	7.875"	455 sx Class B, cmt to surface	
2.875" N-80	6.5#	4759'	4.75"	130 sx Class B, TOC 1800 ft	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1.25"	4566'	

31. PERFORATION RECORD (Interval, size, etc.)

See attachment

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attachment	

33.* DIST. 3 PRODUCTION

DATE FIRST PRODUCTION 8/19/95 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing WELL STATUS (Producing or shut-in) S/I-WAITING ON PIPLN

DATE OF TEST 8/27/95 HOURS TESTED 24 CHOKE SIZE 32/64 PROD'N FOR TEST PERIOD 0 OIL - BBL 0 GAS - MCF 1800 WATER - BBL 7 GAS-OIL RATIO

FLOW TUBING PRESS CASING PRESSURE 260 CALCULATED 24-HOUR RATE 0 OIL - BBL 0 GAS - MCF 1800 WATER - BBL 7 OIL GRAVITY (20°C/68°F)

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Perf and frac

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

SIGNED Patty Haeefe TITLE Staff Assistant

DATE 9/20/95

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

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

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	
				Fruitland	1988'		
				Pictured Cliffs	2199'		
				Cliff House	3804'		
				Menefee	3877'		
				Point Lookout	4464'		

Begin work 8/9/95. Run CBL, GR, CCL from 1680-4680 ft. TOC 1800 ft. Pressure test casing 8200 psi, held. Limited entry perforations: 4610, 4605, 4584, 4568, 4561, 4556, 4550, 4539, 4530, 4513, 4505, 4497, 4489, 4480, 4474 with 1 JSPF, .280" diameter, 15 total shots, 2" gun size, 120 deg phasing, 7 gms. Acidize 4474-4610 ft with 2 bbls hydrochloric acid, max pressure 4000 psi, max rate 8.5 bpm.

Frac 4474-4610 ft with 88,459 lbs 16/30 sand; 811,504 scf; 30 gel strength, 68% quality, max pressure 6200 psi, max rate 31.0 bpm. Flowback N2 from frac. Cleanout well with N2 and started well flowing. CP 200 psi. Tag sand at 4469 ft. Cleanout fill 4438-4680 ft with N2 and foam. Tag 5' of fill at 4675 ft.

Re-perforate: 4602-4612, 4582-4586, 4548-4570, 4528-4542, 4470-4522 with 2 JSPF, diameter .280", 204 total shots fired, gun size 2", 180 deg phasing, 7.5 gms. Land 1.25" tubing at 4566 ft. End work 9/14/95.
