

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 ☒ Recompletion  
2. NAME OF OPERATOR: Amoco Production Company  
Attention: Patty Haeefele  
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 1560' FSL 790' FWL UNIT L  
At top prod. interval reported below  
At total depth  
14. PERMIT NO. DATE ISSUED  
12. COUNTY OR PARISH: Rio Arriba  
13. STATE: New Mexico  
15. DATE SPUDDED: 8/12/80  
16. DATE T.D. REACHED: 8/28/80  
17. DATE COMPL. (Ready to prod.): 12/12/95  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*: 6619' GR  
19. ELEV. CASINGHEAD  
20. TOTAL DEPTH, MD & TVD: 7456'  
21. PLUG, BACK T.D., MD & TVD: 7411'  
22. IF MULTIPLE COMPL., HOW MANY\*: 3  
23. INTERVALS DRILLED BY: ROTARY TOOLS YES CABLE TOOLS NO  
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*: Mesaverde 5130-5286'  
25. WAS DIRECTIONAL SURVEY MADE: No  
26. TYPE ELECTRIC AND OTHER LOGS RUN: CBL  
27. WAS WELL CORED: No

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
9.625"	32.3#	312'	12.25"	240 sx	
7.000"	23.0#	7464'	8.75"	1180 sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2.375	5116'
						4114'

31. PERFORATION RECORD (Interval, size and number)  
See attachment  
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
See attachment  
JAN 16 1996  
OIL CON. DIV.  
DIST. 3

33.\* PRODUCTION  
DATE FIRST PRODUCTION: 12/7/95  
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: 12/9/95  
HOURS TESTED: 24  
CHOKE SIZE: 32/64  
PROD'N FOR TEST PERIOD: OIL - BBL: 0 GAS - MCF: 600 WATER - BBL: 5 GAS-OIL RATIO:  
FLOW TUBING PRESS: 80  
CASING PRESSURE: CALCULATED 24-HOUR RATE: OIL - BBL: 0 GAS - MCF: 600 WATER - BBL: 5 OIL GRAVITY - API (CORR.):  
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): To be sold  
TEST WITNESSED BY:  
35. LIST OF ATTACHMENTS: Perf & frac page

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED: Patty Haeefele TITLE: Staff Assistant DATE: 12/14/95

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
				Fruitland	2760'	
				Pictured Cliffs	2954'	
				Chacra	3826'	
				Cliffhouse	4614'	
				Menefee	4650'	
				Point Lookout	5108'	
				Ojo Alamo	2310'	
				Kirtland	2520'	

**Jicarilla Contract 155 #13M**

**3003922347**

**Sec. 30 T26N R5W**

MIRUSU 11/14/95. TP 380 psi. Fish with spear & mill. Tagged 26' below the bottom Dakota perf at 7368'. Plugback 5500-5505', top with 16' of sand and barite. Run CBL to 5500 ft. Pressure test casing 3000 psi. No cement behind pipe from 4800-5500'. Perforated at 5286' with 2 JSPF, 2 total shots. 4.5" gun. Set cement retainer at 5201'. Squeeze to 5260-5286' with 60 sx Class B 65/35 poz, max pressure 600 psi, avg rate 2.0 bpm. Plugback 5204-5286'.

Perforate at 5134' with 2 JSPF, 2 total shots. Set cement retainer at 5077'. Squeeze 5094-5134' with 29 sx Class B 65/35 poz, max pressure 1250 psi, avg rate 2.0 bpm. Plugback 5080-5134'. Stung out of retainer and the rest of the cement fell in casing. Ended up with an additional 100' of cement inside casing. Plugback 4800-5077'. Tag cement at 4800'. Drill out 4800-5297', circ clean. Run CBL 4650-5400'.

Perforate 5130-5140', 5150-5200', 5230-5254' with 2 JSPF, 60 total shots, .400" diameter, 4.5" gun, 120 deg phasing, 22.7 gms. Frac 5130-5254' with 154,402 lbs 16/30 Arizona sand, 65% quality, 30 gel strgth; 1,184,385 scf, max pressure 6800 psi, max rate 52 bpm. Flow well. Tagged at 6853'. Land temporary string of 2.375" tubing at 5116'. Will be downhole commingled in 60-90 days when Mesaverde test is over. RDMOSU 12/12/95.

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