

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-078336-B	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐ <u>Recompletion</u>		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, Colorado 80201 (303) 830-4988		8. FARM OR LEASE NAME, WELL NO. Barrett A 1E	
4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements)* At surface 1640' FNL 2215' FEL UNIT G At top prod. interval reported below At total depth		9. API WELL NO. 30-045-25943	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 5/3/84		16. DATE T.D. REACHED 5/12/84	
17. DATE COMPL. (Ready to prod.) 8/26/96		18. ELEVATIONS (DE, RKB, RT, GR, ETC.)* 6274' KB	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 7738' KB	
21. PLUG, BACK T.D., MD & TVD 7735' KB		22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY		ROTARY TOOLS YES	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Mesaverde 4632-5684'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL		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
9.625"	36#	325' KB	12.25"
7.000"	23#	3680' KB	8.75"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4.5"	3473' KB	7738' KB	453 sx
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8	7681'		
31. PERFORATION RECORD (Interval, size, etc.) See attachment			
32. ACID, SHOT, FRACTURE, CEMENT, PLUG, ETC. DEPTH INTERVAL (MD) See attachment			
33.* PRODUCTION			
DATE FIRST PRODUCTION 8/11/96	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing		WELL STATUS (Producing or shut-in) SI; W/O 1st delivery
DATE OF TEST 8/22/96	HOURS TESTED 24	CHOKE SIZE 48/64	PROD'N FOR TEST PERIOD
FLOW TUBING PRESS 135	CASING PRESSURE 340	CALCULATED 24-HOUR RATE	OIL - BBL 0
GAS - MCF 2000		WATER - BBL 0	
OIL GRAVITY - API (CORR.)		GAS-OIL RATIO	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold			
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 <u>Patty Haefele</u> TITLE <u>Staff Assistant</u>			

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

FARMINGTON DISTRICT OFFICE
RY 21 DATE 8/27/96

AUG 30 1996

ACCEPTED FOR RECORD

RECEIVED
SEP - 4 1996
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
FARMINGTON, NM
96 AUG 29 PM 12:31

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 Kirkland Fruitland Pictured Cliffs Lewis Cliffhouse Menefee Point Lookout	1760' 1800' 2715' 3110' 3180' 4920' 4980' 5370'	

Barrett A 1E**3004525943****Sec 20 T31N R9W**

MIRUSU 7/9/96. SITP 160 psi, SICP 220 psi, SIBH 50 psi. Tag at 7719'. Set CIBP at 6000'. Circulate hole and pressure test to 500 psi, held ok. Pressure test CIBP to 2000 psi, failed. Test liner to 2000 psi, held ok. Run CBL from 3450-5978'. Est. TOC at 3500'. Isolate casing leak at 3096-3128'. Run CBL from 196-3452'. Est TOC at 3100' and 560'. Squeeze 3096-3128' with 150 sx Class G lite, 15.8 ppg, average rate 1.5 bpm, maximum pressure 1500 psi. Drill out cement 2974-3130' and pressure test to 1000 psi, held ok. Set frac liner from 3034-3217' over squeeze leak at 3110' and pressure test to 3000 psi, held ok. Limited entry perforations in Point Lookout at: 5349, 5353, 5374, 5378, 5382, 5386, 5390, 5394, 5418, 5434, 5438, 5442, 5470, 5502, 5533, 5586, 5622, 5645, 5680, 5684' with 1 JSPF, .340" diameter, 20 total shots, 3.125" gun, 120 deg phasing. RDMOSU 7/15/96.

MIRUSU 8/8/96. Removed frac liner set at 3034-3217'. Acidize from 5349-5684' with 31 bbls FE HCL. Frac well from 5349-5684' with 49,324 lbs 16/30 sand, 719,747 scf, 70% quality, max pressure 3500 psi, max rate 45.0 bpm. Flow well. Set RBP at 5315' and pressure test plug to 300 psi with packer set at 5275', held ok. Limited entry perforations in Menefee at: 5023, 5067, 5084, 5088, 5093, 5116, 5120, 5184, 5188, 5192, 5196, 5204, 5208, 5244, 5249, 5191, 5297' with 1 JSPF, 17 total shots, .340" diameter, 3.125" gun, 120 deg phasing, 12.5 gms. Acidize from 5023-5297' with 17 bbls Fe HCL, max pressure 4700 psi, max rate 2 bpm. Displace with 19 bbls water. Frac well from 5023-5297' with 52,636 lbs 16/30 sand; 791,286 scf, 70% quality, max pressure 3020 psi, max rate 45.0 bpm. Flow well. Tagged sand fill at 5250'. Set RBP at 5005' and pressure tested to 2200 psi, held ok.

Limited entry perforations in Cliffhouse at: 4632, 4636, 4640, 4644, 4807, 4879, 4900, 4922, 4926, 4934, 4938, 4942, 4945, 4950, 4954, 4961, 4965, 4970, 4974, 4978' with 1 JSPF, 20 total shots, .340" diameter, 3.125" gun, 120 deg phasing, 12.5 gms. Acidize from 4629-4950' with 19 bbls FE HCL, avg pressure 2900 psi. Frac well from 4632-4978' with 50,343 lbs 16/30 sand; 713,679 scf, 70% quality, avg pressure 2630 psi, avg rate 17.2 bpm. Flow well. Tag fill at 4961', cleanout 36' to RBP at 4997'. Tag fill at 5208', cleanout to RBP at 5315'. Tag at 5696', cleanout to CIBP at 6000'. Flow back. Tag at 5968', clean out to 6000'. Mill up CIBP from 6000-6005', cleanout from 7498-7506', didn't make any hole. Tag at 7498', cleanout to 7735' PBTB. Flow well. Tag fill at 7735'. Landed 2-3/8' tubing at 7681'. Purged tubing and casing. RDMOSU 8/26/96.