

160-4
(1990)

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-079319	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☒ 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, Colorado 80201		8. FARM OR LEASE NAME, WELL NO. Schwerdtfeger A 5	
(303) 830 4988		9. API WELL NO. 30-045-11888	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1190' FSL 1530' FEL UNIT 0 At top prod. interval reported below At total depth		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Section 6		12. COUNTY OR PARISH San Juan	
13. STATE New Mexico		14. PERMIT NO.	
15. DATE STUDDIED 12/9/65		16. DATE T.D. REACHED 12/22/65	
17. DATE COMPLE. (Ready to prod.) 6/26/96		18. ELEVATIONS (DE, RKB, RT, GR, ETC.)* 6760' GR	
20. TOTAL DEPTH, MD & TVD 7565'		21. PLUG BACK I.D. MD & TVD 7520'	
22. IF MULTIPLE COMPLE. HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS YES CABLE TOOLS NO	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Mesaverde 5236-5526'		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
10.75	32.75#	221'	15"
7.625	24#	3125'	9.875"
4.5	11.6# & 10.5#	7565'	6.75"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2.375"	5349'		
31. PERFORATION RECORD (Interval, size and number) See attachment		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) See attachment	
33. PRODUCTION			
DATE FIRST PRODUCTION 6/15/96	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 6-25-96	HOURS TESTED 15	CHOKE SIZE 48/64	PROD'N FOR TEST PERIOD
FLOW TUBING PRESS	CASING PRESSURE 105	CALCULATED 24 HOUR RATE	OIL - BBL. 0
			GAS - MCF. 1700
			WATER - BBL. 20
			GAS-OIL RATIO
			OIL GRAVITY - API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold		TEST WITNESS	
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>	
DATE <u>7/27/96</u>		FARMINGTON DISTRICT OFFICE	

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

Printed on 11 x 17 inch paper. This form is to be filled out by the operator or a representative of the operator. It is to be filled out for all wells completed or recompleted. It is to be filled out for all wells completed or recompleted. It is to be filled out for all wells completed or recompleted.

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
				Chacra	3854'	
				Cliffhouse	4570'	
				Menefee	4630'	
				Point Lookout	5204'	

MIRUSU 6/5/96. Set RBP at 5666'. Test 4.5" casing to 500 psi, bled off, locate hole at 4100'. Run CBL from 2800-5650'. Due to casing leaks, could not hold pressure on casing to test. Squeeze leaks from 4940-5339' with 25 sx Class B neat, 15.6 ppg. Squeeze leaks from 4196-4296' with 75 sx Class B neat, 15.6 ppg. Tag cement at 4365'. Drill out cement 4365-4530', circulate hole clean, test to 500 psi, held ok.

Perforations at: 5236', 5240', 5252', 5257', 5264', 5278', 5285', 5298', 5314', 5320', 5338', 5344', 5358', 5380, 5384', 5420', 5462', 5515', 5526' with 1 JSPF, 19 total shots, .340" diameter, 3.125" gun, 120 deg phasing, 12.5 gms. Frac well from 5236-5526' with 175,763 lbs 16/30 sand; 1,355,224 scf, max pressure 4441 psi, max rate 28.3 bpm. Flowing well. Set RBP at 5195', pull up hole and set packer and test plug to 500 psi, held ok. Test for casing leak, found leak at 5130'. Squeeze from 4700-5118' with 30 sx cement, pull up hole and squeeze 1.5 bbls cement into leak at 550 psi. Tag cement at 4765'. Drill out cement to 4940-5118', circulate hole clean, test squeeze to 500 psi, held for 15 min. Drill out cement from 4765-5195', circulate hole clean and retrieve RBP at 5195'. Flowing well. Reland tubing at 5439'. RDMOSU 6/26/96.

Note: The Chacra formation was not completed. The Mesaverde and Dakota will be downhole commingled after we receive DHC approval. In the meantime, we will produce the Mesaverde and leave the Dakota shut in with a BP set at 5658'.

Note: Mesaverde is aka Schwerdtfeger LS 11A; Dakota is Schwerdtfeger A-5