

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

RECEIVED

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"/>		7. UNIT AGREEMENT NAME	
B. TYPE OF COMPLETION: NEW <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/>		8. FARM OR LEASE NAME, WELL NO. 070 FARMINGTON, NM Atlantic LS 2R	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		9. API WELL NO. 3004529384	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 800, DENVER, COLORADO 80015 (303) 830-5217		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement)* At surface 1610' FNL & 1430' FEL At top prod. interval reported below At total depth		11. SEC. T., R., M., OR BLOCK, AND SURVEY OR AREA UNIT G Section 24 Township 31N Range 10W	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 8/7/96		16. DATE T.D. REACHED 9/2/96	
17. DATE COMPL. (Ready to prod.) 10/24/96		18. ELEVATIONS (DF, RKB, RT, GR., ETC)* 6571'	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 6186; TVD 6136'	
21. PLUG, BACK T.D., MD & TVD 6063'		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)* Mesaverde 5657-5917'		25. WAS DIRECTIONAL SURVEY MADE yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL CBL GR		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE		WEIGHT, LB./FT.	
9.625" ST&C		36#	
7.000" CF-50		23#	
4.500" WC-50		11.6#	
DEPTH SET (MD)		HOLE SIZE	
165'		12.25"	
3552'		8.75"	
6138'		6.25"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
110 sx Class B		1st:100 sx C1 B; 2nd:220 sx C1 B; tail w/ 50 sx C1 B	
275 sx C1 B			
29. LINER RECORD			
SIZE		TOP (MD)	
2 3/8"		5761'	
30. TUBING RECORD			
SIZE		DEPTH SET (MD)	
2 3/8"		5761'	
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			
33. PRODUCTION			
DATE FIRST PRODUCTION 10/24/96		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 10/24/96		HOURS TESTED 11	
CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
OIL - BBL. Trace		GAS - MCF. 1000	
WATER - BBL. 0		GAS-OIL RATIO	
FLOW TUBING PRESS 140#		CASING PRESSURE 240#	
CALCULATED 24-HOUR RATE		OIL - BBL.	
GAS - MCF.		OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (sold, used for fuel, rented, etc.) TO BE SOLD			
TEST WITNESSED BY NOV 01 1996			
35. LIST OF ATTACHMENTS PERF AND FRAC SHEET			
36. I HEREBY CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT			
SIGNED Pat Archuleta		TITLE Clerk	
DATE 10/29/96			

* SEE INSTRUCTIONS AND SPACES FOR ADDITIONAL DATA ON REVERSE SIDE

NMOCD

RECEIVED
 NOV 20 1996

OIL COM. DIV.
 DIV. 3

Atlantic 15 21

21. SUMMARY OF POSITIVE RESULTS (show all important items of property and interests owned, leased, or controlled, including deep seabed, land, water, and other, showing and describing, generally, and immediately)

DESCRIPTION	TOP	BOTTOM	PROPERTY, COMPANY, ETC.	DATE	DEVELOPMENT	
					AREA	TYPE
Platform Cliffs	3302'					
Lead	3306'					
Cliff House	4932'					
Shedden	5290'					
Triller Lookout	5487'					
House	5980'					

0-000

MIRUSU 9/25/96. Pressure tested casing to 4000 psi, failed. Ran CNL and CBL from 3000'-6063'. Estimated TOC at 5580'. Set CIBP at 6060' and dumped 1 sx cement on top. New PBTD at 6060'. Pressure tested 4.5" casing to 4000 psi, failed. Isolated casing leak between 2930-3024'. Ran CBL, CCL, and GR from 2750-5788'. Estimated TOC at 5580'.

Limited entry perforations at: 5657', 5661', 5675', 5695', 5701', 5707', 5715', 5719', 5723', 5727', 5739', 5747', 5766', 5805', 5833', 5836', 5848', 5917' with 1 JSPF, 18 total shots, .340" diameter, 3.125" gun, 120 deg phasing, 12.5 gms.

Acidized from 5657-5917' with 18 bbls FE HCL, average pressure 1050 psi, average injection 1280, rate 1 bpm. Inject 1 bbls into each perf.

Set liner from 2905-2975'. Frac well from 5657-5917'; with 49,802 bbls 16/30 Arizona sand; 656,8120 scf, 70% quality, average pressure 3000 psi, average rate 53.6.

Flowed well. Tag at 5890'. Set CIBP at 5648'. Set packer at 3045' and pressure test to 2000 psi, held ok. Shot squeeze hole at 5565' with 2 shots, .340" diameter. Set cement retainer at 5400'. Squeeze per at 5565' with 100 xs Class B cement through cement retainer.

Stung out, dumped 1 bbl on top. Tagged up on cement at 5313'. Drill out cement retainer at 5400'. Shoot squeeze hole at 5345' and establish injection rate of 4 bpm at 0 psi. Set cement retainer at 5152' and squeeze perf with 75 sx Class B cement to 294 psi, stung out. Tag cement at 5086', drilled out 66' cement to cement retainer at 5152' and drill out 198' cement. Pressure test to 500 psi, held okay.

Pressure test squeeze holes at 5345' and 5565' to 500# for 15 mins. Held okay. Ran CBL from 4550' to 5616'. Est new cmt top at 4795'.

Perforated at 5353', 5361', 5384', 5389', 5394', 5399', 5434', 5475', 5480', 5498', 5505', 5516', 5538', 5550', 5555', 5564', 5594', 5631', w/ 1jspf, .340 diameter, total 18 shots fired.

Balled off perfs from 5353'-5631' w/ 18 bbls 15% acid. Avg break down psi 2215, avg inj. pressure 1547. Avg rate 1.1 bpm.

Frac from 5353'-5631' w/ 1,282 bbls water to create a 70% quality foam, 606,093 scf of N2 and 47,503# of 16/30 Arizona sand. Max psi 3387, max rate 47.5 bpm.

Tested well. Set RBP over Meneffe from 5320'-5323'. Pressure test bridge plug to 1500# for 15 minutes. Held Okay.

Perforated 4938', 4941', 4947', 5035', 5062', 5112', 5168', 5178', 5224', 5228', 5234', 5244', 5249', 5254', 5269', 5275', 5279', 5285', 5288', w/ 1 jspf, .340 diameter, total 19 shots fired.

Balled off perms from 4938'-5288' w/ 17 bbls 7.50% acid. 1 bbls @ 1 1/2 bpm acid. Avg ISIP 2126.

Frac'd w/ 1,222 bbls water to create a 70% quality foam, 665,536 scf of N2, and 47,188# of 16/30 Arizona sand. Tested well.

Set RBP at 4775'. Tested to 1000#, Held okay. NDBOP and WH, pulled slips and backed off 4 1/2" csg at 2937'. TIH w/ pkr on tbg. Land pkr and set at 2520'. Squeezed top of 4.5"-casing from 2937'-3551' w/ 200 sxs Class B cement. Avg rate 20 bpm, avg rate 2.0 bpm.

Drill out cement above liner top. TIH and drill out 10 ft cement inside liner. TIH and circulate off sand on RBP at 4775'. Pressure test liner top and 7 and 4.5 " casing to 1000# for 15 mins. Held okay.

TIH w/rRet head and pulled RBP at 4775'. TIH and cleand out sand from 5235' to RBP at 5315' and TOH w/ 2nd RBP. Ran Gamma Ray log from 4600'-5350'.

Mill and tag up at 5384', clean out sand to PBTD at 6063'. TOH w/ drill collar. TIH w/2 3/8" tbg to 5668'. Tested for 11 hrs on 1/2" choke. Recovered 1000 mcf, trace of oil, no water. FTP 140#, FCP 240#

RDMOSU 10/25/96