

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>						5. LEASE DESIGNATION AND SERIAL NO. SF-077111	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> 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, CO. 80201						8. FARM OR LEASE NAME, WELL NO. Michener 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1015' FSL 1150' FEL At top prod. interval reported below At total depth						9. API WELL NO. 3004511614	
14. PERMIT NO. DATE ISSUED						10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
15. DATE SPUDDED 11/02/1965						11. SEC., T., R., M., OR BLOCK. AND SURVEY OR AREA Section 33 Township 28N Range 9W	
16. DATE T.D. REACHED 11/24/1965						12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 04/21/1997						13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6883' GR						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7635						21. PLUG, BACK T.D., MD & TVD 7598'	
22. IF MULTIPLE COMPL., HOW MANY*						23. INTERVALS DRILLED BY	
24. ROTARY TOOLS YES						25. CABLE TOOLS NO	
PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Blanco Mesverde 5289'-5393'						26. WAS DIRECTIONAL SURVEY MADE YES	
27. TYPE ELECTRIC AND OTHER LOGS RUN CBL, CCL & GR						28. WAS WELL CORED N	
29. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		275'		12 1/4"	
4 1/2"		10.5# & 11.6#		7635'		6 3/4"	
30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		PACKER SET (MD)	
2.375"		7514'					
31. PERFORATION RECORD (Interval, size and number)							
5289'-5393'							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
5289' 5393'				12 bbls 7.5% Hydrpcj; proc acid			
				438 bbls 70% foam, 553 081 scf N2			
				50,000# 16/30 sand			
33. PRODUCTION							
DATE FIRST PRODUCTION 04/21/1997		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 04/21/1997		HOURS TESTED 24		CHOKE SIZE 3/4"		PROD'N FOR TEST PERIOD	
FLOW TUBING PRESS 40#		CASING PRESSURE 280#		CALCULATED 24-HOUR RATE		OIL - BBL. GAS - MCF. WATER - BBL. GAS-OIL RATIO	
						trace 400 53	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD						TEST WITNESS	
35. LIST OF ATTACHMENTS Perf & Frac							

RECEIVED
JUL - 7 1997
OIL CON. DIV.

ACCEPTED FOR RECORD

JUL 6 1997

FARMINGTON DISTRICT OFFICE

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

3004511614

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS	
					MEAS. DEPTH	TOP TRUE VERT. DEPTH
Pictured Cliffs	2980'	3040'	Sd, Gas			
Mesaverde	4580'	5445'	Sd, Gas			
Dakota	7310'	7580'	Sd, Gas			

Michener 2

API #3004511614

MIRUSU 3/20/97.

Set rbp at 5500', press test csg to 500#, did not pass. TIH w/pkr and test wellhead to 800#, held okay.

TIH and test csg to 500#, held okay, set pkr at 3101' and tst dn tbg, leaked.

Ran CBL from 100'-5480'.

Perf'd from 5220'-5221' w/2 jspf, .340 inch diameter, total 2 shots fired.

Set cmt ret at 5070', pump 85 sxs Cl-B cement thru ret and spot cmt, pull tbg to 3861' and circ hole clean. Test csg from to rbp, held okay.

Spot 65 sxs Cl-B cement above ret and squeeze into holes (3861'-5070').

TIH w/pkr 1 std and test backside, held okay. Test dn tbg and leaked, tih to 475', test csg & tbg both leaked, tih and spot balanced plg over holes and squeezed with 50 sxs Cl-B cement.

Drilled cmt from 275'-593' past first holes and press test csg to 500#, held okay.

TIH w/bit and tag cmt at 4337' and ru to drill cmt, press test every 200' while drilling & test csg to 500#. Held okay.

Ran cbl from 4770'-5440', est toc at 4770'.

Perf'd Mesavere at 5289', 5292', 5294', 5296', 5303', 5305', 5324', 5326', 5329', 5341', 5344', 5346', 5393' w/ 1 jspf, .340 inch diameter, total 13 shots fired. Tih w/pkr and 2.375" tbg to 5253'.

Acidized from 5289'-5393' w/12 bbls 7.5% hydrochloric acid, max pressure 2480#, max rate 5.4bpm.

Frac'd from 5289'-5393' w/436 bbls water, 539,061 scf N2 to create a 70% quality foam along w/50,000# of 16/30 Arizona sand.

Tried to flow well, would not flow, swabbed for 2 1/2 days w/61 bbls water.

Release pkr and toh w/frac string, tih w/prod tbg and clean out hole w/air.

Ran temp log from 4500'-5450'.

TIH w/ret head and clean out w/N2 and toh w/plug.

Clean out fill from 7475'-7580'.

Flow tested well for 24hrs on 3/4" choke recovered 53 bbls water, 400 mcf. FTP 40#, FCP 280#.

Landed 2.375" tbg at 7514'.

RDMOSU 4/21/97.

Reference DHC-1269.

Revised

Michener 2

API #3004511614

MIRUSU 3/20/97.

Set rbp at 5500', press test csg to 500#, did not pass. TIH w/pkr and test wellhead to 800#, held okay.
Unable to isolate leaks.

TIH to 506' and test csg to 500#, held okay, set pkr at 3101' and test down tubing, leaked.

Ran CBL from 100'-5480', toc at 850'.

Perforated from 5220'-5221' w/2 jspfs, .340 inch diameter, total 2 shots fired.

Set cement ret at 5070', pump 85 sacks Class-B cement thru ret and spot cement, pull tubing to 3861' and circ hole clean. Test csg from 5064' to rbp, held okay.

TOH and test to surface could not get test.

Spot 65 sacks Class-B cement above ret and squeeze into csg, leaks between 3861'-5070'.

TIH w/pkr 1 std and test backside, held okay. TIH to 475', test csg found leaks between 275'-593'.

Squeezed 50 sacks Class-B cement into leaks between 275'-593'.

Drilled cement from 275'-593' past first holes and press test csg to 500#, held okay.

TIH w/bit and tag cement at 4337' and run to drill cement, press test every 200' while drilling & test csg to 500#. Held okay.

Ran cbl from 4770'-5440', estimated toc at 4770'.

Perforated Mesavere at 5289', 5292', 5294', 5296', 5303', 5305', 5324', 5326', 5329', 5341', 5344', 5346', 5393' w/ 1 jspfs, .340 inch diameter, total 13 shots fired. TIH w/pkr and 2.375" tubing to 5253'.

Acidized from 5289'-5393' w/12 bbls 7.5% hydrochloric acid, max pressure 2480#, max rate 5.4bpm.

Frac'd from 5289'-5393' w/436 bbls water, 539,061 scf N2 to create a 70% quality foam along w/50,000# of 16/30 Arizona sand.

Tried to flow well, would not flow, swabbed for 2 1/2 days w/61 bbls water.

Release pkr and TOH w/frac string, TIH w/prod tubing and clean out hole w/air.

Ran temp log from 4500'-5450'.

TIH w/ret head and clean out w/N2 and TOH w/plug. Clean out fill from 7475'-7580'.

Flow tested well for 24hrs on 3/4" choke recovered 53 bbls water, 400 mcf. FTP 40#, FCP 280#.

Landed 2.375" tubing at 7514'.

RDMOSU 4/21/97.

Reference DHC-1269.