

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: <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER						5. LEASE DESIGNATION AND SERIAL NO. SF-078415	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER						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 3092, Houston, TX						8. FARM OR LEASE NAME, WELL NO. Roelofs B 2B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2145' FNL 1125' FEL At top prod. interval reported below At total depth						9. API WELL NO. 30-045-29712	
10. FIELD AND POOL, OR WILDCAT Blaanco Mesaverde						11. SEC., T., R., M., OR BLOCK, AND SURVEY OR AREA Section 15 Township 29N Range 8W	
14. PERMIT NO. DATE ISSUED						12. COUNTY OR PARISH San Juan	
13. STATE New Mexico						15. DATE SPURRED 09/03/1999	
16. DATE T.D. REACHED 09/10/1999						17. DATE COMPL. (Ready to prod.) 09/30/1999	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6307' G L						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 5444						21. PLUG, BACK T.D., MD & TVD 5353'	
22. IF MULTIPLE COMPL., HOW MANY*						23. INTERVALS DRILLED BY	
24. ROTARY TOOLS YES						25. CABLE TOOLS NO	
26. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Blanco Mesaverde 4626' - 5314'						27. WAS DIRECTIONAL SURVEY MADE NO	
28. TYPE ELECTRIC AND OTHER LOGS RUN CVL, TDT, & CCL						29. WAS WELL CORED N	
30. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9 5/8" WC-50		32.3#		275'		12 1/2"	
7" WC-50		20#		2618'		8 3/4"	
31. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
4 1/2"		2504'		5442'		200 SXS CLS A	
32. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		PACKER SET (MD)	
2 3/8"		5161'					
33. PERFORATION RECORD (Interval, size, and number)							
1. 5046' - 5314' w/2 JSPF, .530 in. diameter, total 34 shots							
2. 4626' - 4940' w/1 JSPF, .530 in. diamtr, total 15 shots							
34. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
5046' - 5314'		88,770 SCF N2 & 85,000# 16/30 Arizona Sand					
4626' - 4940'		931 SCF N2 & 80,000# 16/30 Arizona Sand					
35. PRODUCTION							
DATE FIRST PRODUCTION 09/30/1999		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 09/30/1999		HOURS TESTED 14 hrs		CHOKE SIZE 3/4"		PROD'N FOR TEST PERIOD	
FLOW TUBING PRESS 0		CASING PRESSURE 100 #		CALCULATED 24-HOUR RATE		OIL - BBL. Trace	
GAS - MCF. 2100 MCF		WATER - BBL. Trace		GAS-OIL RATIO			
36. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD							
37. LIST OF ATTACHMENTS							
38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
SIGNED Mary Corley		TITLE Sr. Business Analyst				DATE 09-30-1999	

(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.

AMOCO

Roelofs B 2B

27. 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.	GEOLOGIC MARKERS		
				NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1998'		Sandstone			
Kirtland	2108'		Sandstone			
Fruitland	2668'		Coal			
Lewis Shale	3048'		Shale			
Cliff House	4608'		Sandstone			
Menefee Shale	4803'		Sandstone			
Point Lookout	5208'		Sandstone			
Mancos	5333'		Shale			

38.

GEOLOGIC MARKERS

<p style="text-align: center;"><b>ROELOFS B # 2B</b>  <b>COMPLETION SUBSEQUENT REPORT</b>  <b>9/30/99</b></p>
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9/15/99 MIRUSU NU Wellhead & Frac valve - pressure test CSG to 3000#. Test failed. RD wellhead. Ran CVL, TDT, & CCL logs.

9/16/99 RU & spear CSG PU to remove mandrill. Backoff CSG 1 Jt down & LD wireline. Run 1 JT & screw back in to collar. SDFN.

9/17/99 Set slips NU TBG Head. PSI test failed @ 2500#. Wait on spear. LD CSG. Pickup another Sub & screw back into collar w/tongs. PU & retest slips. NU TBG head & valve. Pressure test to 3000#. Lost 100# in 10 min. SDFN.

9/20/99 Test CSG 3000 #. Test failed. PU PKR set below 60'. CSG held OK. PU above backoff collar. Test failed. LD tools & SDFN.

9/21/99 RU & pump CMT down bradenhead. SI w/950#. SDFN.

9/22/99 Tested CSG to 3000#. Held Ok.

9/23/99 RU to perf. Could not pull gun past tight spot just inside liner. Gauge ring goes to bottom Ok. Shorten funs & was able to perf in 3 runs. Held 1500# on CSG for first shot. Dropped to 0 immediately. RU & Perf 1<sup>st</sup> stage - the Menefee and Point Lockout formations @ the following intervals with 2 JSPF, .530 inch diameter, total 34 shots:

5046'	5162'	5225'	5274'
5068'	5176'	5240'	5284'
5076'	5198'	5260'	5304'
5138'	5214'	5268'	5314'
5150'			

9/25/99 Frac 1<sup>st</sup> stage 5046' - 5314' w/88,770 SCF N2 & 85,000# 16/30 Arizona sand. RU & set BP @ 4980'. RU & perf 2<sup>nd</sup> stage - Cliff House & Menefee Shale Formations @ the following intervals with 1 JSPF, .530 inch diameter, total 15 shots:

4626'	4754'	4799'	4886'
4633'	4766'	4824'	4911'
4734'	4772'	4856'	4940'
4742'	4785'	4868'	

Frac 2<sup>nd</sup> Stage 4626' - 4940' - pumped 500 GAL of 15% HCL Acid ahead then Frac w/ 80,000# 16/30 Arizona sand & 70% quality N2 foam (931 SCF N2) - flushed w/N2 foam. ISIP 1662#, 5 min SI 1460#, 10 min SI 1437#. RU flowback tree - flow well w/3/4" choke to pit overnight w/watchman.

9/26/99 Flowback well w/3/4" choke & watchman to clean up after Frac.

(continued on back)

**ROELOFS B #2B**  
**COMPLETION SUBSEQUENT REPORT**  
**9/30/99**

*9/27/99 Blowdown well & RU to ND frac valve & NU BOP. TIH w/bit & PU 2 3/8" TBG. SDFN.*

*9/28/99 Finish TIH PU TBG tag sand @ 4933'. C/o sand to CIBP @ 4980'. Drillout CIBP. PU above liner & RU to flow well. Bottom zone unloaded. Well flowing. RU & flow well w/3/4" choke & watchman.*

*9/29/99 Flow well w/watchman. TIH & tag fill @ 5329'. Drill hard CMT to PBD of 5353'. PU & flow well 2 hrs. to tag - 0 fill. PU to flow well. Flow well w/watchman.*

*9/30/99 Test well up CSG. 14 hrs. 2100 MCF Gas, initial CSG 110# - final 100#. TBG pressure 0, trace oil. TIH w/ 2 3/8" TBG. TBG landed @ 5161'.*

*9/30/99 RDMCSU 16:30 hrs.*