

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF - 078096	
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name	
3a. Address P.O. BOX 3092 HOUSTON, TX 77253		7. Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700		8. Well Name and No. MUDGE B 14A	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T31N R11W Mer SENW 1560FNL 1685FWL		9. Well No. 30-045-23178	
		10. Field and Pool, or Exploratory AZTEC PC & BLANCO MV	
		11. County or Parish, and State SAN JUAN COUNTY, NM	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> SUBCOM
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Amoco Production Company request permission to convert the subject well from a dual string completion to a single string completion and commingle production downhole from the Aztec Pictured Cliffs & Blanco Mesaverde Pools as per the attached procedure.

The Aztec Pictured Cliffs (71280)& the Blanco Mesaverde (72319) Pools are Pre-Approved Pools for Downhole Commingling per NMOCD order R-11363.

The working, overriding, and royalty interest owners in the proposed commingled pools are identical, therefore, no notification of this application need be submitted via certified mail.

Production is proposed to be allocated based on actual production from both the Pictured Cliffs and Mesaverde Pools as reflected on the attached allocation chart.

HC 484AZ

14. I hereby certify that the foregoing is true and correct. Electronic Submission #6056 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by Lucy Bee on 08/06/2001 ()	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature	Date 07/31/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>/s/ Jim Lovato</u>	Title	Date <u>AUG 31</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

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NMOCD

Additional data for EC transaction #6056 that would not fit on the form

32. Additional remarks, continued

Commingling Production Downhole in the subject well from the proposed Pools with not reduce the value of the total remaining production.

Mudge B 14A
Downhole commingle Pictured Cliffs and Mesa Verde

PROCEDURE:

1. Check anchors. Check and record tubing, casing, and Bradenhead pressures. Tag and flag valves and bleed flow line pressure to zero. MIRU workover rig.
2. Blow down wellhead. *If necessary, kill with 2% KCl water.*
3. ND wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 500 psi.
4. Tally OH with short string of tubing (1-1/4", 2.3# @ 2607') and visually inspect for potential hole and scale.
5. Tally OH with long string of tubing (2-3/8", 4.7#, EUE @ 5111') and visually inspect for potential hole and scale.

Contingency: If tubing is in poor condition, replace as necessary.

6. Pull or retrieve packer @ 2744'.
7. Cleanout fill to PBTD at 5213'.
8. Rabbit tubing and RIH with 2-3/8" production tubing with a muleshoe, F-nipple, and plug on bottom. Fill tubing with 2% KCl while RIH and periodically pressure test to 500 psi. Replace any joints that fail pressure test.
9. Land 2-3/8" production tubing @ +/- 5111'.
10. Swab water from the tubing using the sandline. RU slickline and run gauge ring for 2-3/8" tubing. Pull plug, then RD slickline unit. Clean out to PBTD. Flow to cleanup tank.
11. ND BOPs. NU WH. Notify pumper that well is ready to be returned to production. Swab in well with sandline and flow well for several hours on a choke to ensure well is unloaded and ready to produce before turning over to pumper to return to production.

Mudge B #14A

NW/4 Sec 21, T31N, R11W

5904' GL

History:
Spud: 4/6/1979
Completed: 10/16/1979
Completed as dual PC-MV producer

Pictured Cliffs Perfs
14 spf {
2514-2526
2530-2540
2546-2562
2571-2580
2592-2600
2616-2634

Mesa Verde Perfs
4523-4610 5 shots
4718-5151 23 shots

PBTD: 5213'

Est. TOC @ surface (circ)

9-5/8" 36# K55 @ 219'
224 cu ft cmt

Est. TOC @ 1500'

Seating Nipple @ 2574'
Tubing: 1-1/4", 2.3# @ 2607'

Top of 4-1/2" liner @ 2734'
Production Packer @ 2744'

7" 20#, K55 @ 2889'
462 cu ft cmt

Est. TOC @ TOL

Seating Nipple @ 5079'
Tubing: 2-3/8" 4.7#, EUE @ 5111'

4-1/2" liner, 10.5#, K55 @ 5632'
441 cu ft cmt

updated: 4/4/2001 DRA

Well: MUDGE B **No.: 014A**
 Operator: AMOCO PRODUCTION CO API: 30-045-23178
 Township: 31.0N Range: 11W Section: 21 Unit: 6
 County: San Juan

Year: 2000

Pool Name: AZTEC PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days	ProduAccum.	Oil Accum.	Gas(MCF)
January	0	215	0	31	1240	472016
February	0	226	0	29	1240	472242
March	0	231	0	31	1240	472473
April	0	222	0	30	1240	472695
May	0	233	0	31	1240	472928
June	0	222	0	30	1240	473150
July	0	224	0	31	1240	473374
August	0	223	0	31	1240	473597
September	0	222	0	30	1240	473819
October	0	221	0	31	1240	474040
November	0	214	0	30	1240	474254
December	0	218	0	31	1240	474472
Total	0	2671	0	366		

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days	ProduAccum.	Oil Accum.	Gas(MCF)
January	0	5523	0	31	1240	479995
February	12	5819	0	29	1252	485814
March	10	5933	0	31	1262	491747
April	10	5684	0	30	1272	497431
May	19	5987	0	31	1291	503418
June	7	5690	0	30	1298	509108
July	5	5761	0	31	1303	514869
August	0	5735	40	31	1303	520604
September	14	5708	0	30	1317	526312
October	8	5683	0	31	1325	531995
November	12	5481	0	30	1337	537476
December	10	5614	0	31	1347	543090
Total	107	68618	40	366		

Year: 2001

Pool Name: AZTEC PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days	ProduAccum.	Oil Accum.	Gas(MCF)
January	0	219	40	31	1347	543309
February	0	194	0	28	1347	543503
March	0	177	0	31	1347	543680
Total	0	590	40	90		

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days	ProduAccum.	Oil Accum.	Gas(MCF)
January	10	5627	0	31	1357	549307
February	10	4978	0	28	1367	554285
March	9	4562	0	31	1376	558847
Total	29	15167	0	90		

ALLOCATION				
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2000 Annual Production

Formation	Gas	%	Oil	%
Pictured Cliffs	2671	0.037467	0	0
Mesaverde	<u>68618</u>	<u>0.962533</u>	<u>107</u>	<u>100</u>
Total	71289		<u>107</u>	

2001 Annual Production

Formation	Gas	%	Oil	%
Pictured Cliffs	590	0.037444	0	0
Mesaverde	<u>15167</u>	<u>0.962556</u>	<u>29</u>	<u>100</u>
Total	15757		<u>29</u>	