Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

WELL API NO. 30-045-22399
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: Fields A
1. Type of Well: Oil Well [X] Gas Well ☐ Other
8. Well Number: 2A
2. Name of Operator: BP America Production Company - Attn: Mary Corley
9. OGRID Number: 000778
3. Address of Operator: P.O. Box 3092 Houston, TX 77253
10. Pool name or Wildcat: Blanco Mesaverde & Pictured Cliffs
4. Well Location
Unit Letter I : 1500 feet from the South line and 850 feet from the East line
Section 25 Township 32N Range 11W NMPM San Juan County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6226' GR

Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type Workover Depth to Groundwater >100' Distance from nearest fresh water well >1000' Distance from nearest surface water >1000'
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: **Complete into PC & DHC w/Mesaverde**		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America Production Company request permission to complete the subject well into the Blanco Pictured Cliffs Pool and commingle production Downhole with the existing Blanco Mesaverde as per the attached procedure.
The Blanco Mesaverde (72319) and Blanco Pictured Cliffs (72359) Pools are Pre-Approved Pools for Downhole Commingling per NMOCD order R-11363. The working and overriding royalty interest owners in the proposed commingled pools are identical, therefore no additional notification is required. BLM has been notified via FORM 3160-5.
Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Mesaverde. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Chacra. Attached is the future production decline estimates for the Mesaverde.
Commingling Production Downhole in the subject well from the proposed Pools with not reduce the value of the total remaining production

Construct a lined workover pit per BP America – San Juan Basin Drilling/ Workover Pit Construction Plan issued date of 11//17/2004. Pit will be closed according to closure plan on file.

DHC1837AZ

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

SIGNATURE Mary Corley TITLE Sr. Regulatory Analyst DATE 03/30/2005
Type or print name Mary Corley E-mail address: corleyml@bp.com Telephone No. 281-366-4491

For State Use Only
APPROVED BY: _____ TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE APR - 4 2005
Conditions of Approval (if any):

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-22399	72359	Blanco Pictured Cliffs

[4] Property Code	[5] Property Name	[6] Well Number
000511	Fields A	2A

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	BP America Production Company	6226' GR

[10] Surface Location

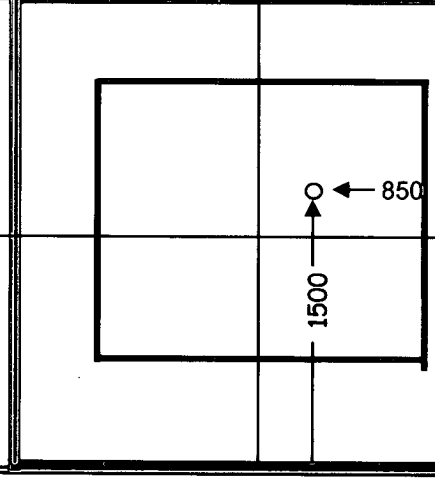
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet from	East/West	County
Unit I	25	32N	11W		1500	South	850	East	San Juan

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Mary Corley

Signature

Mary Corley

Printed Name

Sr. Regulatory Analyst

Title

3/1/2005

Date

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

3/1/1977

Date of Survey

Signature and Seal of Professional Surveyor:

1760

Certificate Number

Fields A 2 A
Procedure to Complete into the Pictured Cliffs and DHC with the Mesaverde
March 7, 2005

1. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead, if earth pit is required have One Call made 48 hours prior to digging.

2. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and Scheduling to ready location for rig.

3. RU slickline unit or wireline unit. Pressure test lubricator and equipment. RIH and set **two** barriers (CIBP, tbg collar stop w/plug, or plug set in nipple) for isolation in tubing string.

4. Check and record tubing, casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.

5. MIRU workover rig. LO/TO all necessary equipment including but not limited to: meter run, Automation, Separators and water lines.

6. Blow down well. Kill with 2% KCL water ONLY if necessary.

7. Check all casing strings to ensure no pressure exist on any annulus. **The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.**

8. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 200 psi above BHP. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.

9. Install stripping rubber, pull tubing hanger up above pipe rams, and shut pipe rams. Remove stripping rubber. Strip tubing hanger out of hole. Re-install stripping rubber.

10. TOH and LD 2-3/8" production tubing currently set at 5420'. Using approved "Under Balance Well Control Tripping Procedure".

11. TIH w/ scraper for 4-1/2". Check the distance between the top of the blind rams and the length of the bottom hole assembly that is being run. If the BHA is too long then the well has to be top killed and monitored prior to opening bind rams. RIH to PBTD at 5,471'. POOH.

12. Set bridge plug at 4,500'. Fill casing w/ 2%KCl and test to 2,500 psi w/ rig pumps.

13. RU E-line equipment. Pressure test lubricator and equipment. Log well w/ CBL from PBTD to 2500. If TOC is below 3,000', contact engineer to discuss need for remedial cement squeeze.

14. TIH w/ workstring and blow well dry.

15. Prepare for explosive operations. Follow Schlumberger Explosive SOP including radio silence, suspension of welding operations, and isolation of electrical devices from the work area. Perform Pre-job Safety Meeting to review JSA and procedures.

16. RIH with 3-1/8" casing guns w/lubricator. Perforate Pictured Cliffs formation w/ 4 SPF at: 3190, 3185, 3180, 3174, 3167, 3164, 3156, 3149, 3139, 3129'.

17. NU Frac isolation equipment. Install and monitor production casing and treating pressure during entire job in frac van via pressure transducers on production casing and treating line. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Maintain surface pressures less than 3,000 psi during frac job. Flush frac with foam. Fill out GWSI scorecard.

18. Flowback frac immediately. Flow well through choke manifold on ¼", ½" and ¾" chokes increasing drawdown until well dies or stabilizes. This is to aid in reducing sand flowback. Recommend 8 hours of flow for each choke size.

19. Rig up air package/unit, pressure test all lines (Testing procedure to be supplied from air company), TIH with tubing and bit for 4-1/2" casing. Cleanout fill to top of BP set at 4,500'. **Perform well test on Pictured Cliffs for regulatory and document well test in DIMS.**

20. Cleanout fill, cement retainer, and BP set at 4,500'. Cleanout to PBTD at 5,471'. Blow well dry.

21. Rabbit tubing and RIH with 2-3/8" production tubing (with muleshoe, F-nipple with plug, 4 ft pup, X-nipple with plug).

22. Land 2-3/8" production tubing at +/-5,390'. Lock down hanger.

23. Pressure test tubing to 500 psi with air unit, make sure tubing spool valves are open. Care should be taken during pressure testing of the tubing due to potential problem caused if tubing parts close to surface or above the hanger. Check all casing string for pressure. **The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.**

24. ND BOP's. NU Wellhead. During Master valve placement ensure the top of hanger has spacer nipple in place to bottom of bonnet flange so plunger equipment will not hang up through tree. Pressure test Wellhead.

25. RU WL unit. Run gauge ring for 2-3/8" tubing. Pull plugs and set tubing stop for plunger. Communicate plunger equipment status to IC room personnel.

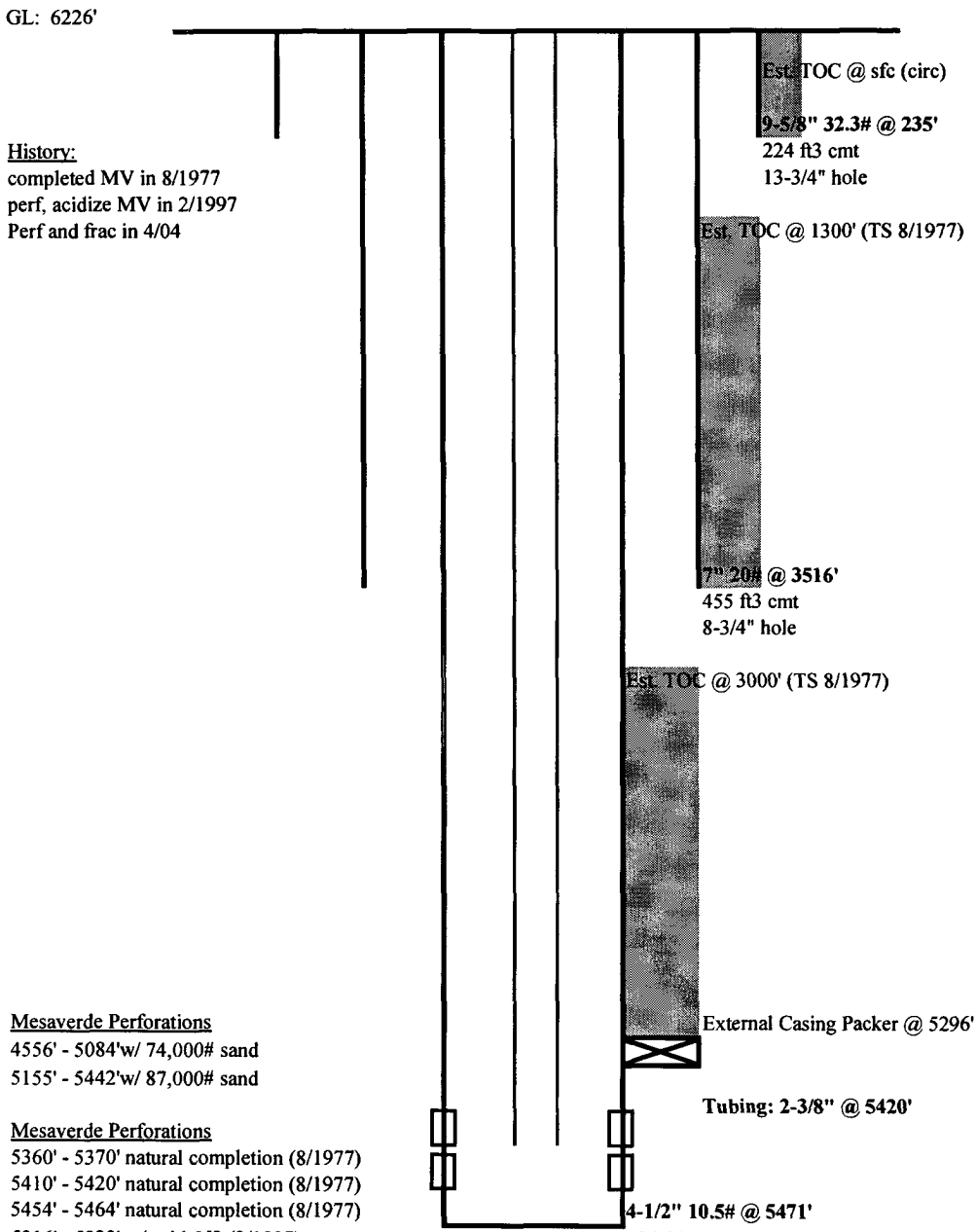
26. RD slickline unit.

27. Test well for air. Return well to production and downhole co-mingle Pictured Cliffs and Mesaverde.

Fields A 002A

Sec 25, T32N, R11W

API # 30-045-22399



Mesaverde Perforations
4556' - 5084'w/ 74,000# sand
5155' - 5442'w/ 87,000# sand

Mesaverde Perforations
5360' - 5370' natural completion (8/1977)
5410' - 5420' natural completion (8/1977)
5454' - 5464' natural completion (8/1977)
5316' - 5322' w/ acid, N2 (2/1997)
5346' - 5365' w/ acid, N2 (2/1997)

Formation tops: Cliff House @ 4554'
Menefee @ 4940'
Point Lookout @ 5344'

updated: 12/10/04 CFR

Fields A 2A

Future Production Decline Estimate

Mesaverde Daily Rates

Month	Gas Volume
Jan-2004	**22**
Feb-2004	**133**
Mar-2004	**185**
Apr-2004	**192**
May-2004	**202**
Jun-2004	**206**
Jul-2004	**204**
Aug-2004	**200**
Sep-2004	**211**
Oct-2004	**206**
Nov-2004	**201**
Dec-2004	**187**
Jan-2005	**209**
Feb-2005	**207**
Mar-2005	**198**
Apr-2005	197
May-2005	197
Jun-2005	196
Jul-2005	195
Aug-2005	195
Sep-2005	194
Oct-2005	194
Nov-2005	193
Dec-2005	192
Jan-2006	192
Feb-2006	191
Mar-2006	191
Apr-2006	190
May-2006	190
Jun-2006	189
Jul-2006	188
Aug-2006	188
Sep-2006	187
Oct-2006	187
Nov-2006	186
Dec-2006	186

ln(Qf/Qi) = -dt
Qf= 198
Qi= 201
rate= 198
time= 5
dt= -0.015037877
decline= -0.003007575

Month	Gas Volume
Jan-2007	185
Feb-2007	185
Mar-2007	184
Apr-2007	183
May-2007	183
Jun-2007	182
Jul-2007	182
Aug-2007	181
Sep-2007	181
Oct-2007	180
Nov-2007	180
Dec-2007	179
Jan-2008	179
Feb-2008	178
Mar-2008	177
Apr-2008	177
May-2008	176
Jul-2008	176
Aug-2008	175
Sep-2008	175
Oct-2008	174
Nov-2008	174
Dec-2008	173
Jan-2009	173
Feb-2009	172
Mar-2009	172
Apr-2009	171
May-2009	171
Jun-2009	170
Jul-2009	170
Aug-2009	169
Sep-2009	169
Oct-2009	168
Nov-2009	168
Dec-2009	167
Jan-2010	167

Month	Gas Volume
Feb-2010	166
Mar-2010	166
Apr-2010	165
May-2010	165
Jun-2010	164
Jul-2010	164
Aug-2010	163
Sep-2010	163
Oct-2010	162
Nov-2010	162
Dec-2010	161
Jan-2011	161
Feb-2011	160
Mar-2011	160
Apr-2011	159
May-2011	159
Jun-2011	158
Jul-2011	158
Aug-2011	157
Sep-2011	157
Oct-2011	156
Nov-2011	156
Dec-2011	155
Jan-2012	155
Feb-2012	155
Mar-2012	154
Apr-2012	154
May-2012	153
Jun-2012	153
Jul-2012	152
Aug-2012	152
Sep-2012	151
Oct-2012	151
Nov-2012	150
Dec-2012	150
Jan-2013	150

Fields A 2A

Future Production Decline Estimate

Mesaverde Daily Rates

Month	Gas Volume
Feb-2013	149
Mar-2013	149
Apr-2013	148
May-2013	148
Jun-2013	147
Jul-2013	147
Aug-2013	146
Sep-2013	146
Oct-2013	146
Nov-2013	145
Dec-2013	145
Jan-2014	144
Feb-2014	144
Mar-2014	143
Apr-2014	143
May-2014	142
Jun-2014	142
Jul-2014	142
Aug-2014	141
Sep-2014	141
Oct-2014	140
Nov-2014	140
Dec-2014	140
Jan-2015	139
Feb-2015	139
Mar-2015	138
Apr-2015	138
May-2015	137
Jun-2015	137
Jul-2015	137
Aug-2015	136
Sep-2015	136
Oct-2015	135
Nov-2015	135
Dec-2015	135
Jan-2016	134

Month	Gas Volume
Feb-2016	134
Mar-2016	133
Apr-2016	133
May-2016	133
Jun-2016	132
Jul-2016	132
Aug-2016	131
Sep-2016	131
Oct-2016	131
Nov-2016	130
Dec-2016	130
Jan-2017	129
Feb-2017	129
Mar-2017	129
Apr-2017	128
May-2017	128
Jun-2017	127
Jul-2017	127
Aug-2017	127
Sep-2017	126
Oct-2017	126
Nov-2017	126
Dec-2017	125
Jan-2018	125
Feb-2018	124
Mar-2018	124
Apr-2018	124
May-2018	123
Jun-2018	123
Jul-2018	123
Aug-2018	122
Sep-2018	122
Oct-2018	121
Nov-2018	121
Dec-2018	121
Jan-2019	120