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
Revised May 08, 2003

WELL API NO. **30-045-31964**

5. Indicate Type of Lease STATE [X] 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: **State Com A**

1. Type of Well: Oil Well [ ] Gas Well [X] Other

8. Well Number: **2B**

2. Name of Operator: **BP America Production Company**

9. OGRID Number: **000778**

3. Address of Operator: **Attn: Mary Corley P.O. Box 3092 Houston, Texas 77253**

10. Pool name or Wildcat: **Blanco Mesaverde**

4. Well Location

Unit Letter **E** : **1675** feet from the **North** line and **860** feet from the **West** line

Section **16** Township **30N** Range **09W** NMPM County **San Juan**

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* **6178'**

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 [X]	COMMENCE DRILLING OPNS. [ ]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING [ ]	MULTIPLE COMPLETION [ ]	CASING TEST AND CEMENT JOB [ ]	
OTHER: **Amend Drilling Location**		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.

Application for Permit to Drill the subject well was submitted on October 14, 2003 and approved on October 20, 2003.

BP America submits for your approval the attached casing and cementing amendments. As an alternate the surface casing will be preset and cemented with a Ready Mix Slurry *(pumped)*

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

SIGNATURE Mary Corley TITLE **Senior Regulatory Analyst** DATE **11/17/2003**

Type or print name **Mary Corley** Telephone No. **281-366-4491**

(This space for State use)

APPPROVED BY TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JAN 30 2004

Conditions of approval, if any:

BP AMERICA PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM

Prospect Name: **State Com A** **Well No:** **2 B**
Lease: State Com A **Surface Location:** 16-30N-9W, 1675 FNL, 860 FWL
County: San Juan
State: New Mexico **Field:** Blanco Mesaverde
Date: October 21, 2003

OBJECTIVE: Drill 400' below the top of the Point Lookout Sandstone, set 2 7/8"" production longstring Stimulate CH, MF and PL intervals

METHOD OF DRILLING

TYPE OF TOOLS	DEPTH OF DRILLING
Rotary	0 - TD

LOG PROGRAM

TYPE	DEPTH INVERAL
OPEN HOLE	
None	
CASED HOLE	
GR-CCL	TD to 5 1/2" shoe

REMARKS:
- Please report any flares (magnitude & duration).

APPROXIMATE DEPTHS OF GEOLOGICAL MARKER

Estimated GL: 6178' Estimated KB: 6192'

MARKER		SUBSEA	TVD
Ojo Alamo		4506	1686
Kirtland		4458	1734
Fruitland		3924	2268
Fruitland Coal	*	3529	2664
Pictured Cliffs	*	3270	2922
Lewis	*	3110	3082
Cliff House	#	1777	4416
Menefee	#	1422	4770
Point Lookout	#	1074	5118
Mancos		679	5514
TOTAL DEPTH		674	5518

Probable completion interval * Possible Pay

SPECIAL TESTS

TYPE
None

REMARKS:
Surface Hole drilled with air/air mist.

DRILL CUTTING SAMPLES

FREQUENCY	DEPTH
None	Production hole

DRILLING TIME

FREQUENCY	DEPTH
Geolograph	0-TD

MUD PROGRAM:

Approx. Interval			Type Mud	Weight, #/gal	Vis, sec/qt	W/L cc's/30 min	Other Specification
0	- 120			8.6-9.2			**PRESET**
120	- 2614	(1)	Water/LSND	8.6-9.2		<6	
2614	- 5518		Gas/Air/N2/Mist	Volume sufficient to maintain a stable and clean wellbore			

REMARKS:
(1) The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency.

CASING PROGRAM: (Normally, tubular goods allocation letter specifies casing sizes to be used. Hole sizes will be governed by Contract)

Casing String	Estimated Depth	Casing Size	Grade	Weight	Hole Size	Landing Pt, Cmt, Etc.
Surface/Conductor	120	8 5/8"	X-42 ST&C	20#	12.25"	1
Intermediate	2614	5 ½"	J-55 ST&C	15.5#	7.875"	1,2
Production	5518	2 7/8"	J-55	6.5#	4.75"	3,4

REMARKS:
(1) Circulate Cement to Surface
(2) Set casing 50' above Fruitland Coal
(3) Bring cement 100' above 5 1/2" shoe
(4) 100' Overlap

CORING PROGRAM:
None

COMPLETION PROGRAM:
Rigless, 2-3 Stage Limited Entry Hydraulic Frac

GENERAL REMARKS:
Notify BLM/NMOCD 24 hours prior to Spud, BOP testing, and Casing and Cementing.

Form 46 Reviewed by: Logging program reviewed by: N/A

PREPARED BY:	APPROVED:	DATE:	
RD/MNP/JMP		October 21, 2003 Version 2.0	

Form 46 12-00 MNP

BP America Production Company
BOP Pressure Testing Requirements

Well Name: **State Com A** **2 B**
County: **San Juan** **State:** **New Mexico**

Formation	Estimated TVD/MD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1686		
Fruitland Coal	2664		
PC	2922		
Lewis Shale	3082		
Cliff House	4416	500	0
Menefee Shale	4770		
Point Lookout	5118	600	0
Mancos	5514		
Dakota	-	2600	1374

** Note: Determined using the following formula: ABHP – (.22*TVD) = ASP

Requested BOP Pressure Test Exception: 750 psi

BP America Production Company
BOP Pressure Testing Requirements

Well Name: State Com A 2 B
County: San Juan **State:** New Mexico

Formation	Estimated TVD/MD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1686		
Fruitland Coal	2664		
PC	2922		
Lewis Shale	3082		
Cliff House	4416	500	0
Menefee Shale	4770		
Point Lookout	5118	600	0
Mancos	5514		
Dakota	-	2600	1374

** Note: Determined using the following formula: ABHP – (.22*TVD) = ASP

Requested BOP Pressure Test Exception: 750 psi

Cementing Program

Intermediate:

	Fresh Water	20 bbl	fresh water	
	Lead	280 sx	Class "G" Cement	715 cuft
	Slurry 1		+ 3% D79 extender	
	TOC@Surface		+1/4 #/sk. Cellophane Flake	
			+ 0.1% D46 antifoam'	
		70 sx	50/50 Class "G"/Poz	
	Tail		+ 2% gel (extender)	87 cuft
	Slurry 2		0.1% D46 antifoam	
	500 ft fill		+1/4 #/sk. Cellophane Flake	0.1733 cuft/ft OH
			+ 2% S1 Calcium Chloride	0.2009 cuft/ft csg ann
				80 % excess

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry 1	11.7	2.61	17.77
Slurry 2	13.5	1.27	5.72

Production:

	Fresh Water	10 bbl	CW100	
	Slurry	140	LiteCrete D961 / D124 / D154	
			+ 0.03 gps D47 antifoam	330 cuft
			+ 0.5% D112 fluid loss	
	TOC@Liner Top		+ 0.11% D65 TIC	
				0.078 cuft/ft OH
				40 % excess
				0.0886 cuft/ft csg ann

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry	9.5	2.52	6.38

Cementing Program

Well Name:	State Com A2B	Field:	Blanco Mesaverde
Location:	16-30N-09W, 1675 FNL, 860 FWL	API No.	
County:	San Juan	Well Flac	
State:	New Mexico	Formation:	MesaVerde
		KB Elev (est)	6192
		GL Elev. (est)	6178

Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)
Surface	120	12 1/4	8 5/8	ST&C	Surface	NA
Intermediate	2614	7 7/8	5 1/2	ST&C	Surface	NA
Production -	5518	4 3/4	2 7/8		2514	NA

Casing Properties: (No Safety Factor Included)

Casing String	Size (in.)	Weight (lb/ft)	Grade	Burst (psi.)	Collapse (psi.)	Joint St. (1000 lbs.)	Capacity (bbl/ft.)	Drift (in.)
Surface	8 5/8	24	X42	2950	1370	244	0.06368	7.972
Intermediate	5 1/2	15.5	J55	4810	4040	202	0.0238	5.067
Production -	2 7/8	6.5	J-55	7264	7676	72	0.00579	2.375

Mud Program

Apx. Interval (ft.)	Mud Type	Mud Weight
0 - SCP	Water/Spud	8.6-9.2
SCP - ICP	Water/LSND	8.6-9.2
ICP - TD	Gas/Air Mist	NA

Recommended Mud Properties Prio Cementing:

Fluid Loss <6

Cementing Program:

	Surface	Intermediate	Production
Excess %, Lead	100	100	40
Excess %, Tail	NA	0	40
BHST (est deg. F)	72	110	159
Time Between Stages, (hr)	NA	NA	NA
Special Instructions	1,6	1,6	2,6

1. Do not wash pumps and lines.
2. Wash pumps and lines.
3. Reverse out
4. Run Blend Test on Cement
5. Record Rate, Pressure, and Density on 3.5" disk
6. Confirm densitometer with pressurized mud scales
7. 1" cement to surface if cement is not circulated.
8. If cement is not circulated to surface, run temp. survey 10-12 hr. after landing plug.

Surface:

	Preflush	20 bbl.	FreshWater	
	Slurry 1	90 sx Class G Cement		95 cuft
	TOC@Surface	+ 3% CaCl2 (accelerator)		
		0.25 #/sk Cellophane Flake (lost circulation additive)		0.3961 cuft/ft OH
		0.1% D46 antifoam		100 % excess

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry 1	15.8	1.16	4.95