

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

Form C-103
March 4, 2004

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

WELL API NO. 30-045-32359
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Elliott Gas Com D
8. Well Number 1 C
9. OGRID Number 000778
10. Pool name or Wildcat Blanco Mesaverde

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.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other ☐

2. Name of Operator
BP AMERICA PRODUCTION CO

3. Address of Operator
P.O. BOX 3092 HOUSTON, TX 77079-2064

4. Well Location

Unit Letter L : 2035 feet from the South line and 745 feet from the West line

Section 09 Township 30N Range 09W NMPM SAN JUAN County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6158'

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL Sect Twp Rng Pit type Depth to Groundwater Distance from nearest fresh water well
Distance from nearest surface water Below-grade Tank Location UL Sect Twp Rng ;
feet from the line and feet from the line

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☒ CHANGE TO ORIGINAL APD

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

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.

The original APD was submitted on 05/20/04 and approved 05/24/04. We respectfully request permission to change the original drilling plan from a slim hole to a conventional wellbore. Please see the attached revised drilling plan and cement program.

There is no change to the total depth and well location remains the same.

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 Cherry Hlava TITLE Regulatory Analyst DATE 11/17/04

Type or print name Cherry Hlava E-mail address: hlavacl@bp.com Telephone No. 281-366-4081

(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 83 DATE NOV 22 2004

**BP AMERICA PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM**

Prospect Name: Elliott GC D
Lease: Elliott
County: San Juan
State: New Mexico
Date: November 12, 2004

Well No: 1 C
Surface Location: 9-30N-9W, 2035 FSL, 745 FWL
Field: Blanco Mesaverde
REVISED TO CONVENTIONAL

OBJECTIVE: Drill 400' below the top of the Point Lookout Sandstone, set 4-1/2" production liner, Stimulate CH, MF and PL intervals

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS	DEPTH OF DRILLING	Estimated GL: 6158'		Estimated KB: 6169'	
Rotary	0 - TD				
LOG PROGRAM		MARKER		SUBSEA	TVD
TYPE <u>OPEN HOLE</u> None	DEPTH INVERAL	Ojo Alamo		4497	1672
		Kirtland		4428	1741
		Fruitland		3880	2289
		Fruitland Coal	*	3564	2605
		Pictured Cliffs	*	3243	2926
		Lewis	*	3041	3128
		Cliff House	#	1727	4442
		Menefee	#	1402	4767
		Point Lookout	#	1014	5155
		Mancos		703	5466
		TOTAL DEPTH		614	5555
		# Probable completion interval		* Possible Pay	
SPECIAL TESTS		DRILL CUTTING SAMPLES		DRILLING TIME	
TYPE None		FREQUENCY	DEPTH	FREQUENCY	DEPTH
		None	Production hole	Geograph	0-TD
REMARKS: - Please report any flares (magnitude & duration).					

MUD PROGRAM:					
Approx. Interval	Type Mud	Weight, #/gal	Vis, sec/qt	W/L cc's/30 min	Other Specification
0 - 120	Spud	8.6-9.2			
120 - 2555 (1)	Water/LSND	8.6-9.2		<6	
2555 - 5555	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	9-5/8"	H-40 ST&C	32#	12.25"	1
Intermediate 1	2555	7"	J/K-55 ST&C	20#	8.75"	1,2
Production	5555	4-1/2"	J-55	10.5#	6.25"	3,4

REMARKS:

- (1) Circulate Cement to Surface
- (2) Set casing 50' above Fruitland Coal
- (3) Bring cement 100' above 7" shoe
- (4) 100' Overlap

CORING PROGRAM:

None

COMPLETION PROGRAM:

Rigless, 2-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:

November 12, 2004

Version 2.1

HGJ/JLP/JMP

Form 46 12-00 MNP

(OVER)

**BP America Production Company
BOP Pressure Testing Requirements****Well Name:** Elliott GC D
County: San Juan**1 C**
State: New Mexico

Formation	Estimated TVD/MD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1672		
Fruitland Coal	2605		
PC	2926		
Lewis Shale	3128		
Cliff House	4442	500	0
Menefee Shale	4767		
Point Lookout	5155	600	0
Mancos	5466		
Dakota		2600	1374

**** Note:** Determined using the following formula: $ABHP - (.22 * TVD) = ASP$ **Requested BOP Pressure Test Exception:** **750 psi**

Cementing Program

REVISED

Well Name: Elliot GC D1C
 Location: 09-30N-09W, 2035 FSL, 745 FWL
 County: San Juan
 State: New Mexico

Field: Blanco Mesaverde
 API No.
 Well Flac
 Formation: Mesa Verde
 KB Elev (est) 6169
 GL Elev. (est) 6158

Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)
Surface	120	12.25	9.625	ST&C	Surface	NA
Intermediate	2555	8.75	7	LT&C	Surface	NA
Production -	5555	6.25	4.5		2455	2561

Casing Properties:

Casing String	Size (in.)	Weight (lb/ft)	Grade	Burst (psi.)	Collapse (psi.)	Joint St. (1000 lbs.)	Capacity (bbl/ft.)	Drift (in.)
Surface		9.625	32 H-40	2270		1400	254	0.0787
Intermediate		7	20 K-55	3740		2270	234	0.0405
Production -		4.5	10.5 J-55	4790		4010	132	0.0159

Mud Program

Apx. Interval (ft.)	Mud Type	Mud Weight	<u>Recommended Mud Properties Prio Cementing:</u>	
			PV	<20
			YP	<10
			Fluid Los:	<15
0 - SCP	Water/Spud	8.6-9.2		
SCP - ICP	Water/LSND	8.6-9.2		
ICP - ICP2	Gas/Air Mist	NA		
ICP2 - TD	LSND	8.6 - 9.2		

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

Surface:

Preflush	20 bbl.	Fresh Water	
Slurry 1	59 sx Class C Cement		75 cuft
TOC@Surface	+ 2% CaCl ₂ (accelerator)		
			0.3132 cuft/ft OH
			100 % excess

Slurry Properties:	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)
Slurry 1	15.2	1.27	5.8

Casing Equipment:

- 9-5/8", 8R, ST&C
- 1 Guide Shoe
- 1 Top Wooden Plug
- 1 Autofill insert float valve
- Centralizers, as needed
- 1 Stop Ring
- 1 Thread Lock Compound

Intermediate:

(OVER)

Cementing Program

Fresh Water 20 bbl fresh water

Lead 231 sx Class "G" Cement 603 cuft
 Slurry 1 + 3% D79 extender
 TOC@Surface + 1/4 #/sk. Cellophane Flake
 + 0.1% D46 antifoam
 Tail 59 sx 50/50 Class "G"/Poz 75 cuft
 Slurry 2 + 2% gel (extender)
 0.1% D46 antifoam
 500 ft fill + 1/4 #/sk. Cellophane Flake 0.1503 cuft/ft OH
 + 2% S1 Calcium Chloride 0.1746 cuft/ft csg ann
 - 80 % excess

Slurry Properties:	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)
Slurry 1	11.7	2.61	17.77
Slurry 2	13.5	1.27	5.72

Casing Equipment: 7", 8R, ST&C
 1 Float Shoe
 1 Float Collar
 1 Stop Ring
 Centralizers, as needed
 1 Top Rubber Plug
 1 Thread Lock Compound

Production:

Fresh Water 10 bbl CW100

Slurry 177' LiteCrete D961 / D124 / D154
 + 0.03 gps D47 antifoam 447 cuft
 + 0.5% D112 fluid loss
 TOC@Liner Top + 0.11% D85 TIC
 0.1026 cuft/ft OH
 40 % excess

Slurry Properties:	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)
Slurry	9.5	2.52	6.38

Casing Equipment: 4-1/2", 8R, ST&C
 1 Float Shoe
 1 Float Collar
 1 Stop Ring
 Centralizers, as needed
 1 Top Rubber Plug
 1 Thread Lock Compound