

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  
Revised May 08, 2003

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

WELL API NO. <b>30-045-3199</b> 4
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Holmberg GC D</b>
8. Well Number <b>1 S</b>
9. OGRID Number <b>000778</b>
10. Pool name or Wildcat <b>Basin Fruitland Coal</b>

**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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other
2. Name of Operator <b>BP America Production Company</b>
3. Address of Operator <b>Attn: Cherry Hlava P.O. Box 3092 Houston, Texas 77253</b>
4. Well Location Unit Letter <b>P</b> : <b>840</b> feet from the <b>South</b> line and <b>940</b> feet from the <b>East</b> line Section <b>21</b> Township <b>32N</b> Range <b>10W</b> NMPM County <b>San Juan</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5915'</b>

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <b>Change to APD</b> <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

On 11/12/03 BP America requested permission to drill the above mentioned well. Permission was granted 12/29/04.

This sundry is filed to show a change in the casing program as follows:

Int. 7" Casing changed from 2430' to 2680'. Cement change from 250 sacks to 270 sacks.

Liner 5.5" changed to show top @2640' & same depth @2890'. No cement.

Please see attached drilling plan for more details.



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

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 09/14/2003

Type or print name Cherry Hlava Telephone No. 281-366-4491

(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #2 DATE SEP 16 2004

Conditions of approval, if any:

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

**Prospect Name:** Holmberg Gas Com D

**Lease:**

**Well No:** 1S

**Surface Location:** Section 21, T32N, R10W; 840'  
FSL, 940' FEL

**County:** San Juan

**State:** New Mexico

**Date:** September 14, 2004

**Field:** Basin Fruitland Coal

**OBJECTIVE:** Drill to a TD of 2890' kb (~2879' md) – topset Cahn FT coal seam with 7" casing and air drill and under-ream the Cahn coal interval.

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS	DEPTH OF DRILLING	Estimated GL: 5915		Estimated KB: 5926	
Rotary	0 – 2879' MD, 2890' KB				
LOG PROGRAM					
TYPE	DEPTH INVERAL				
Mud log & gas chromatograph					
REMARKS:					
At TD and prior to completion of the Fruitland coal interval, the operator will FAX or email a copy of the mud log covering the lower basal Fruitland coal seam and Pictured Cliffs Formation to the FFO-PMT geologist (Steve Hayden @ 505-334-6178 x14 or <a href="mailto:shayden@state.nm.us">shayden@state.nm.us</a> & Dennis Hilkewich (bp geologist) at 281-366-7099 or <a href="mailto:dennis.hilkewich@bp.com">dennis.hilkewich@bp.com</a> . Also, mail a copy of the final log to the NMOCDD (New Mexico Oil Conservation Div., 1000 Rio Brazos Rd., Aztec, NM 27410).					

**TYPE**                                      **DEPTH INTERVAL**

Mud log & gas chromatograph

REMARKS:

At TD and prior to completion of the Fruitland coal interval, the operator will FAX or email a copy of the mud log covering the lower basal Fruitland coal seam and Pictured Cliffs Formation to the FFO-PMT geologist (Steve Hayden @ 505-334-6178 x14 or shayden@state.nm.us & Dennis Hilkeiwich (bp geologist) at 281-366-7099 or dennis.hilkeiwich@bp.com. Also, mail a copy of the final log to the NMOCD (New Mexico Oil Conservation Div., 1000 Rio Brazos Rd., Aztec, NM 27410).

SPECIAL TESTS		DRILL CUTTING SAMPLES		DRILLING TIME	
TYPE		FREQUENCY	DEPTH	FREQUENCY	DEPTH
None		none	none	Geograph	0-2890

REMARKS:

**MUD PROGRAM:**

Approx. Interval	Type Mud	Weight, #/ga	Vis, sec/qt	W/L cc's/30 min	Other Specification
0 - 120	Spud	8.6-9.2			
120 - 2680 (1)	Water/LSND	8.6-9.2		<6	
2680 - 2890	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, 8 RND	32.3	12.5"	1
Intermediate	2680	7"	J-55, 8 RND	20.0	8.75"	1
Production Liner	2640 - 2890	5 1/2"	J-55, 8RND	15.5	11.0"	2

REMARKS:

(1) Circulate Cement to Surface

(2) under-ream hole from 6.25" to 11.0".

**CORING PROGRAM:**

None

**COMPLETION PROGRAM:**

**Hybrid completion:** Cahn coal seam to be open-hole under-reamed; upper coals to be cased, perf'd and frac'd.

After setting the 5 1/2" liner, set a bridge plug in the 7" casing at approximately 2620'. The upper coals will then be perf'd and frac'd and brought on production. The bridge plug separating the Cahn from the upper coals will be pulled at a later date.

**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:	
Daniel Crosby		9/14/2004	

Form 46 12-00 MNP

**BP America Production Company  
BOP Pressure Testing Requirements****Well Name:** Holmberg Gas Com D  
**County:** San Juan**1S**  
**State:** New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	4848		
Kirtland	4504		
Fruitland Coal	3470	200	0
PC	3190		
Lewis Shale			
Cliff House			
Menefee Shale			
Point Lookout			
Mancos			
Dakota			

**\*\* Note:** Determined using the following formula:  $ABHP - (.22 \times TVD) = ASP$ **Requested BOP Pressure Test Exception:** **850 psi**