

Submit 3 Copies To Appropriate District Office  
District I<sup>4</sup>  
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  
May 27, 2004

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. <b>30-045-33626</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <b>BP AMERICA PRODUCTION COMPANY</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>P.O. BOX 3092 HOUSTON, TX 77079-2064</b>		7. Lease Name or Unit Agreement Name <b>Holmberg Gas Com</b>
4. Well Location Unit Letter <u>N</u> : <u>745</u> feet from the <u>SOUTH</u> line and <u>2310</u> feet from the <u>WEST</u> line Section <u>28</u> Township <u>32N</u> Range <u>10W</u> NMPM <u>SAN JUAN</u> County		8. Well Number <b>1 M</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>6035' GR</b>		9. OGRID Number <b>000778</b>
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ 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:

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

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: **Change to Drilling Plan**



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 4/4/05 and approved 4/6/05. BP requests approval to change the drilling plan as per the following:

**Surf. CSG:** hole size from 13.5" to 14.5"; Casing Size from 9.625" to 10.750"; Weight from 32 to 40.5; Cement from 154sxs to 163sxs.

**Int CSG:** hole size from 8.750" to 9.875"; Casing Size from 7" to 7.625"; Weight from 20 to 26.4; Depth from 3378' to 2670'; Cement from 340 sxs to 384 sxs.

**Production CSG:** hole size from 6.25" to 6.750"; Cement from 342 sxs to 514 sxs ; Est. TOC was 3228" to 2520"

Please reference e-mail to Charlie Perrin on 6/1/2006. Should you have any questions please call Harald Jordan @326-9202

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 06/06/2006

Type or print name Cherry Hlava E-mail address: hlavac1@bp.com Telephone No. 281-366-4081

**For State Use Only**

APPROVED BY: H. Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 4 DATE JUN 12 2006  
Conditions of Approval (if any):

## **Hlava, Cherry L**

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**From:** Jordan, Harald G  
**Sent:** Thursday, June 01, 2006 2:37 PM  
**To:** Charlie Perrin (cperrin@state.nm.us)  
**Cc:** Hlava, Cherry L  
**Subject:** BP Cedar Hill Well Design Changes

**Attachments:** Fairway MV\_DK Design Change.xls

Charlie,

I am sending you for your review more detailed information on our planned well design changes for the MV/DK wells in the Cedar Hill area.

We are proposing these design changes to better manage the lost circulation issues we have experienced while fluid drilling through the Fruitland Coal. Instead of setting the intermediate casing into the Lewis, we are planning to topset the coal with an 'upsized' intermediate string and thus include the possibility of running a contingency drilling liner in case we encounter water influx from the Fruitland Coal or Pictured Cliffs while air drilling to the Dakota. In that case alternative #2 will apply. Should we not encounter any fluid influx the design alternative #1 will apply.

Based on our experience from topsetting 8 MV wells in this area in 1999/2000 I do not expect any fluid influx, however we rather increase our casing size than be forced to fluid drill to the Dakota with both the depleted Fruitland Coal and the MV exposed.

The first tab in the attached spreadsheet contains the wells for which we are requesting the sundries, the second tab details the proposed design changes.

Cherry Hlava will follow up on this e-mail with the official sundry applications. In the event that we will need to move to these wells within the next 2 weeks I will call you to obtain a verbal approval.

The Martinez GC J #1M presents a different problem since we have already preset the 9 5/8" surface pipe. Based on the learnings from drilling the wells in question we will either proceed as originally planned [in case we have not encountered any fluid influx on any of the wells] or propose to abandon the surface hole and redrill the well with bigger surface casing.

I appreciate your consideration.



Fairway MV\_DK  
Design Change.xl...

***Harald G. Jordan***

Drilling Engineer  
BP; San Juan Performance Unit  
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cell: (505) 486-5357