Form 3160-5 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR

| FORM APPROVED             |
|---------------------------|
| OMB NO. 1004-0135         |
| ivnires: November 30, 200 |

| OME      | NO.  | 1004 | -013 | 35 |
|----------|------|------|------|----|
| Expires: | Nove | mber | 30,  | 20 |
|          |      |      |      |    |

| BUREAU OF LAND MANAGEMENT  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals. |   |  |  | Expires: November 30, 2000  5. Lease Serial No. I149IND8471  6. If Indian, Allottee or Tribe Name EASTERN NAVAJO |  |  |                           |  |  |  |
|---|---|--|--|--|--|--|---------------------------|--|--|--|
|   |   |  |  |  |  |  | SUBMIT IN TRI             |  | 7. If Unit or CA/Agreement, Name and/or No. NMNM78391C |  |
|   |   |  |  |  |  |  | Type of Well     Oil Well |  | 8. Well Name and No.<br>GCU 176E                       |  |
| 2. Name of Operator Contact: MARY CORLEY  |   |  |  | I Well No.<br>-045-25175-00-C1   |  |  |                           |  |  |  |
| 3a. Address   | DUCTION CO E-Mail: CORLEYML@BP.COM 30-045-25175-00-C1    3b. Phone No. (include area code)   10. Field and Pool, or Exploratory |  |  |  |  |  |                           |  |  |  |
| PO BOX 3092<br>HOUSTON, TX 77253  | Ph: 281.36  |  | BA<br>BA   | SIN DAKOTA<br>SIN FRUITLAND COAL   |  |  |                           |  |  |  |
| 4. Location of Well (Footage, Sec., T   |   | )  |  | ounty or Parish, and State   |  |  |                           |  |  |  |
| Sec 25 T28N R13W NWNE 1<br>36.63730 N Lat, 108.16724 W  |   |  | SA   | IN JUAN COUNTY, NM   |  |  |                           |  |  |  |
| 12. CHECK APPI  | ROPRIATE BOX(ES) TO   | INDICATE NATU                            | RE OF NOTICE, REPORT   | Γ, OR OTHER DATA   |  |  |                           |  |  |  |
| TYPE OF SUBMISSION  |   | •  | TYPE OF ACTION   |  |  |  |                           |  |  |  |
| Notice of Intent  | ☐ Acidize   | Deepen                                   | Production (Sta  | art/Resume)  |  |  |                           |  |  |  |
| _   | Alter Casing  | Fracture Trea                            | t Reclamation  | ☐ Well Integrity   |  |  |                           |  |  |  |
| Subsequent Report   | ☐ Casing Repair   | ☐ New Constru                            |  | Other  |  |  |                           |  |  |  |
| Final Abandonment Notice  | ☐ Change Plans  | Plug and Aba                             | ndon   | bandon   |  |  |                           |  |  |  |
|   | Convert to Injection  | Plug Back                                | Back Water Disposal  |  |  |  |                           |  |  |  |
| testing has been completed. Final Al determined that the site is ready for f  | bandonment Notices shall be filinal inspection.)  g and abandon the subjec  | ed only after all requireme              | nts, including reclamation, have ا   | erval, a Form 3160-4 shall be filed once been completed, and the operator has                                    |  |  |                           |  |  |  |
| 14. I hereby certify that the foregoing is  Co.  Name (Printed/Typed) MARY CO.  | # Electronic Submission<br>For BP AMERICA<br>mmitted to AFMSS for prod  | PRODUCTION CO, so<br>essing by STEVE MAS | BLM Well Information Systement to the Farmington<br>GON on 02/24/2005 (05SXM03<br>AUTHORIZED REPRESE | 338SE)   |  |  |                           |  |  |  |
| Signature (Electronic   | Submission)   | Date                                     | Date 02/24/2005  |  |  |  |                           |  |  |  |
|   | THIS SPACE FO   | R FEDERAL OR S                           | TATE OFFICE USE  |  |  |  |                           |  |  |  |
| Approved By JIM LOVATO  |   | TitlePF                                  | ETROLEUM ENGINEER  | Date 03/08/2005  |  |  |                           |  |  |  |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or   |   |  |  | 1 33,03,200  |  |  |                           |  |  |  |
| certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.                         |   |  | Office Farmington  |  |  |  |                           |  |  |  |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office Farmington

## GCU 176E API #: 30-045-25175 Plug and Abandonment Procedure February 23, 2005

- 1. Notify land owners with gas taps on well.
- 2. Check anchors. Check ID wellhead, if earth pit is required have One Call made 48 hours prior to digging.
- 3. Have P&S strip location and set barriers as necessary. Lock out/tag out any remaining production equipment.
- 4. Contact BLM and NMOCD 24 hrs prior to beginning operations.
- 5. Nipple up second master valve on well. Reference dispensation to rig up on well with single barrier (to be provided by wellwork team).
- 6. RU slickline unit or wireline unit. RIH and set tubing stop and "G" packoff with pump through plug for isolation.
- 7. Set two way check in BPV profile. If BPV profile is not present, set second tubing stop and "G"packoff with positive plug at +/- 100'.
- 8. MIRU workover rig. Hold safety meeting and perform JSA. Complete necessary paperwork and risk assessment.
- Check and record tubing, casing, and bradenhead pressures. Ensure production casing has
  double casing valves installed. Double valve all casing strings. Check hold down pins on
  hanger.
- 10. Pressure test tree and hanger to 200 psi above SITP.
- 11. Blow down well. Kill with 2% KCL water ONLY if necessary. Check all casing strings to ensure no pressure exist on any annulus.
- 12. Nipple down Wellhead. Reference "No Dual Barrier in Annulus During All Well Servicing" dispensation. 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.
- 13. Install stripping rubber. Pull tubing hanger up to rubber and shut pipe rams. Bleed pressure above rams. Pull stripping rubber and hanger up to floor. Remove hanger and replace stripping rubber. Open rams and TOOH w/ 2-3/8 production tubing currently set at 6231'. Use approved "Under Balance Well Control Tripping Procedure". Visually inspect tubing while POOH.
- 14. TIH w/ bit & scraper to top of perforations and clean out if necessary.
- 15. TIH with CIBP on tubing. Set CIBP at 6100' to abandon the DK.

## GCU 176E API #: 30-045-25175 Plug and Abandonment Procedure Cont'd

- 16. Spot 12 sxs cement plug to fill from 5950' 6100' to isolate the Dakota.
- 17. POOH to 5250'. Use approved "Under Balance Well Control Tripping Procedure".
- 18. Spot 8 sxs cement plug to fill from 5250' 5150' to isolate the Gallup.
- 19. POOH to 2500'. Use approved "Under Balance Well Control Tripping Procedure".
- 20. Spot 8 sxs cement plug to fill from 2500' 2400' to isolate the Mesa Verde.
- 21. TIH with CIBP on tubing. Set CIBP at 1400' to abandon the FC. Fill hole with water.
- 22. Spot 20 sxs cement plug to fill from 1150' 1400' to isolate the Fruitland/Pictured Cliffs.
- 23. POOH to 550'. Use approved "Under Balance Well Control Tripping Procedure".
- 24. Spot 42 sxs cement plug to fill from 550' surface to isolate the Kirtland/Ojo Alamo.
- 25. Perform underground disturbance and hot work permits. Cut off tree.
- 26. Install 4' cement well marker and identification plate per NMOCD requirements.
- 27. Restore location.



## Gallegos Canyon Unit 176E Dakota/Fruitland Coal API # 30-045-25175 T-28N, R-13-W, Sec. 25 San Juan County, New Mexico

G.L.

5865

K.B. 5878'

Proposed 42 sxs cmt plug Surface - 550'

Proposed 20 sxs cmt plug -

1150-1400 1128-1432 Proposed CIBP @ 1400 -

Set ret no

Proposed 8 sxs cmt plug 2400' - 2500'

Proposed 8 sxs cmt plug 5150' - 5250'

Proposed 12 sxs cmt plug 5950' - 6100'

Proposed CIBP @ 6100' --

PBTD: 6310'

12 1/4" Hole 8 5/8", K-55, 24# @ 350' w/ 413 cf cmt Circ. to surface

Fruitiand Coal Perforations 1532' - 1548', 4 SPF Frac w/ 500 gals of 15% HCL acid & 76k # 16/30 sand

DV Tool @ 4414'

Dakota Perforations 6183' - 6189', 2 SPF

6221' - 6226', 2 SPF

Frac w/ 105k gal 75 quality N2 Foam & 206K# 20/40 sand 6232' - 6265', 2 SPF

7 7/8" Hole

4 1/2", K-55, 10.5#@ 6329' Stage 1: 711 cf cmt

Stage 1: 1526 cf cmt

TD: 6330'