

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  
May 27, 2004

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

WELL API NO. <b>30-045-22362</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Vandewart A</b>
8. Well Number <b>2A</b>
9. OGRID Number
10. Pool name or Wildcat <b>Pictured Cliffs &amp; Blanco Mesaverde</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 <input type="checkbox"/>	
2. Name of Operator <b>BP America Production Company Attn: Cherry Hlava</b>	
3. Address of Operator <b>P.O. Box 3092 Houston, TX 77253</b>	
4. Well Location Unit Letter <b>E</b> : <b>1800</b> feet from the <b>NORTH</b> line and <b>1140</b> feet from the <b>West</b> line Section <b>11</b> Township <b>29N</b> Range <b>08W</b> NMPM <b>San Juan</b> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	
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:		SUBSEQUENT REPORT OF:	
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"/>	P/AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <b>Downhole Commingle</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.

The above mentioned well is currently a dual string wellbore capable of producing from both the Pictured Cliffs and the Blanco Mesaverde formations. BP America Production Company requests permission to remove the short string tubing (PC), pull the long tubing string (MV), re-land a single string of tubing, and downhole commingle.

The Blanco Mesaverde (72319) and the Blanco Pictured Cliffs (72359) pools are pre-approved for Downhole Commingling per the NMOCD order R-11363. The working & overriding royalty interest owners in the proposed commingled pools are identical, therefore no additional notification is required. Production is proposed to be allocated based on subtraction method using the projected future decline for production for the Blanco Mesaverde. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the PC. Attached is the future production decline estimates for the Blanco Mesaverde.

The BLM has been notified of the DHC via form 3160-5 for lease SF - 078502.

RCVD JUL 31 '07  
OIL CONS. DIV.  
DIST. 3

Commingling Production Downhole in the subject well from the proposed pools will not reduce the value of the total remaining production.

DHC 2654 AZ

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 7/27/07

Type or print name Cherry Hlava E-mail address: hlavack@BP.com Telephone No. 281-366-4081  
For State Use Only

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE AUG 07 2007  
Conditions of Approval (if any):

8

## SJ Basin Well Work Procedure

Well Name: VANDEWART A 2A – PC / MV dual well  
API #: 30-045-22362  
Date: July 19, 2007  
Repair Type: Cleanout & DHC  
Location: T29N-R8W-Sec11E  
County: San Juan  
State: New Mexico  
Horizon: Mesa Verde  
Engr: Andrew Berhost  
Ph (505) 326-9208

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**Objective:** Remove short string tubing (PC), cleanout fill above packer, pluck packer, Pull long tubing string (MV), Clean out wellbore, TIH and reland single string of tubing, and return to production.

1. TOH with short tubing string set @ 3026'
  2. Tag for fill above Model "D" packer – C/O if necessary
  3. TOH with long tubing string set @ 5618'
  4. Mill and pluck packer @ 3065'
  5. Tag for fill C/O to PBTD
  6. TIH with 2-3/8" tubing – land @ 5518'
  7. Return well to production.
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### **Procedure:**

1. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead; if earth pit is required have One Call made 48 hours prior to digging.
2. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and scheduling to ready location for rig.
3. RU slickline unit. Pressure test lubricator and equipment. RIH and set **two** barriers (CIBP, tbg collar stop w/plug, or plug set in nipple) for isolation in each tubing string. **See wellbore Diagram below for BHA details of each tubing string. May have to seek dispensation to kill PC zone as 1-1/4" tubing plugs are not available.**
4. Check and record tubing, casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.
5. MIRU workover rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.
6. Blow down well. Kill with 2% KCL water ONLY if necessary.

7. Check all casing strings to ensure no pressure exist on any annulus. **The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.**
8. Nipple down Wellhead. 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 throughout workover.
9. Install stripping rubber, pull tubing hanger and shut pipe rams. Strip tubing hanger out of hole.
10. Tag for fill above Model 'D' packer at 3065' and TOH with 1-1/4" production tubing currently set at 3026'.
11. If fill was detected above Model 'D' packer (3065'), TIH and cleanout fill above packer. TOH and LD 2-3/8" workstring.
12. TOH with 2-3/8" long production tubing currently set @ 5618'.
13. Mill slip elements on 7" Model 'D' packer set at 3065' and retrieve packer with packer plucker.
14. RIH with bit and scraper for 4-1/2" casing. Check the distance between the top of the blind rams and the length of the bottomhole assembly that is being run. If the BHA is too long then the well has to be top killed and monitored prior to opening blind rams. Work casing scraper across Mesaverde perforations @ 4591'-5518'. TOH with bit and scraper.
15. Cleanout to PBTD 5522' to ensure wellbore is clean and dry. Reference Under-Balanced Well Control Tripping Procedure. TOH w/ workstring.
16. Rabbit tubing and RIH with 2-3/8" production tubing. (With muleshoe, F-nipple with plug, 4 ft pup, X-nipple with plug).
17. Land 2-3/8" production tubing at +/-5500'. Lock down tubing hanger.
18. Pressure test tubing to 500 psi with air unit, make sure tubing spool valves are open. Care should be taken during pressure testing of the tubing due to potential problem caused if tubing parts close to the surface. Check all casing string for pressure. **The operations of removal of BOP's and installation of wellhead will be performed under a dispensation for one (1) barrier on the backside.**
19. ND BOP's. NU Wellhead. During Master valve placement ensure the top of hanger has spacer nipple in place to bottom of bonnet flange so plunger equipment will not hang up through tree. Pressure test Wellhead.
20. RU WL unit. Run gauge ring for 2-3/8" tubing. Broach out any tight spots noticed in WL trip. Pull plugs and set tubing stop for plunger. Communicate plunger equipment status to operations team personnel.

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21. RD slickline unit.
22. Test well for air. Return well to production. RD and release all equipment. Remove all LOTO equipment.
23. Ensure all reports are loaded into DIMS. Print out summary of work and place in Wellfile. Discussion with production operations team about particulars of well when handing off the well file.

**Vandewart A 2A**

Sec 11E, T29N, R8W

API # 30-045-22362

GL 6347'

History

Completed as MV in 10/77

Tubing: 1-1/4" 2 3#, IJ 10rd @ 3026'

Picture Cliffs Perforations

2980'-3016' w/ 24,000 #'s 20/40

est TOC @ surface (circ)

13-3/4" Hole to 229'

9-5/8" 36# K55 @ 228'

224 cu ft cmt (circulated)

Est. TOC 2600' (1977 Temp survey)

Model "D" packer @ 3065'

4-1/2" liner hanger @ 3107'

8-3/4" Hole to 3286'

7" 20#, K55 @ 3286'

315 cu ft cmt

est. TOC @ TOL (70% eff, 1.1cuft/sx yield)

Mesaverde Perforations

MN 4591'-5067' w/ 53,000 #'s 20/40 sand

PL 5133'-5518' w/ 57,000 #'s 20/40 sand

Tubing: 2-3/8" 4.7#, J55 8rd @ 5618'

4-1/2" liner, 10.5#, K-55 @ 5522'

433 cu ft cmt

PBSD: 5522'

TD 5539'

**NOTES:**

updated 7/9/07 ADB