FORM APPROVED OMB No. 1004-0136

| UNITED ST | | Expires November | r 30, 2000 |
|---|--|--|--------------------|
| DEPARTMENT OF T BUREAU OF LAND N | | 5. Lease Serial No. SF - 078502 | |
| APPLICATION FOR PERMIT | O DRILL OR REFRITER | Sr - 078502 | Name |
| | JUN | | |
| 1a. Type of Work: DRILL REENTER | 2004 | 7: If Unit or CA Agreement, N | lame and No. |
| | | 8. Lease Name and Well No. VANDEWART B 3S | |
| | er Single Zone Multiple Zone CHERRY HLAVA E-Mail: blavacl@bn.com | 79. API Well No. | |
| | 2 9 9 V | 300453 | 2295 |
| 3a. Address P.O. BOX 3092 HOUSTON, TX 77253-3092 | 3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700 | BASIN FRUÍTLAND C | OÁL |
| 4. Location of Well (Report location clearly and in accordance | ince with any State requirements.*) | 11. Sec., T., R., M., or Blk. an | |
| 17 | 36.44050 N Lat, 107.38500 W Lon | Sec 11 T29N R8W Me | er NMP |
| At proposed prod. zone NWNW 675FNL 740FWL 3 | . " | N 13 County of Borish | 12 State |
| 20.5 MILES EAST FROM BLOOMFIELD, NM | Since. | 12. County or Parish SAN JUAN | 13. State NM |
| 15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) | 16. No. of Acres in Lease | 17. Spacing Unit dedicated to | this well |
| 900' SURFACE LOCATION | 480.00 | 320.00 W/2 | |
| 18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. | 19. Proposed Depth | 20. BLM/BIA Bond No. on fil | le |
| | 6012 MD | WY2924 | |
| 21. Elevations (Show whether DF, KB, RT, GL, etc. 6343 GL | 22. Approximate date work will start 06/15/2004 | 23. Estimated duration 12 DAYS | |
| | 24. Attachments | | |
| The following, completed in accordance with the requirements of | of Onshore Oil and Gas Order No. 1, shall be attached to | this form: | |
| Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off | Item 20 above). 5. Operator certification | ons unless covered by an existing formation and/or plans as may be | , |
| 25. Signature (Electronic Submission) | Name (Printed/Typed) CHERRY HLAVA | | Date 04/08/2004 |
| Title REGULATORY ANALYST | | | |
| Approved by (Signature) | Name (Printed/Typed) | | Date // |
| Title S/Man Fierra | Office | | 5-17-09 |
| AFM L | FFO | | |
| Application approval does not warrant or certify the applicant ho- operations thereon. Conditions of approval, if any, are attached. | lds legal or equitable title to those rights in the subject le | ase which would entitle the appli | cant to conduct |
| Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, r States any false, fictitious or fraudulent statements or representati | nake it a crime for any person knowingly and willfully to | make to any department or ager | icy of the United |
| | and the supplier of the suppli | | |
| Additional Operator Remarks (see next page) | | | |
| | | | |

Electronic Submission #29398 verified by the BLM Well Information System For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

OFFILLING OF PURTOWS AUTHORIZED ARE SUBJECT TO UCWIPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

This action is subject to technical and precedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

ivectional Survey

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410

PO Box 2088, Santa Pe, NM 87504-2088

District IV

State of New Mexico Energy, Minerals & Natural Resources Department

1

Form C-102 Revised February 21, 1994 Instructions on back

Submit to Appropriate District Office State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

AMENDED REPORT

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| 20-04 | API Number | 2295 | 十 7 | 162 | | 7 | Basin Fr | ait. | and | | a / | |
| * Property | Code | | | | | ⁵ Property | | | | | | * Well Number |
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| UL or lot no. | Section | Township | Range | Lot 1 | dn | Feet from the | North/South line | 1 | from the | East/Wes | line | County |
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| Dedicated Acre | s ¹⁹ Join | t or Infill 34 | Consolidatio | n Code | 15 Orde | r No. | 1 | .1 | | L | | |
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| | | | | ## A # 34 | | (R) - B | ILM Record | | | | | |

'Additional Operator Remarks:

Additional Operator Remarks: Notice of Staking was submitted on 03/31/2004

BP America Production Company respectfully requests permission to directionally drill the subject well to a total depth of approximately 2973 TVD (6012 MD). Kick off at 2586 FNL and horizonally drill 1914 to a terminus end of 675 FNL. The intent is to complete in the Basin Fruitland Coal as open hole. Please see the attached drilling plan and diagram.

SUPPLEMENTAL TO SURFACE USE PLAN

New Facilities:

A 4" diameter buried steel pipeline that is + or - 800 feet in length will be constructed. The pipe wall thickness is .156 and the pipe wall strength is 42,000#. It will be adjacent to the access road and tie the well into an existing gas meter operated by BP America Production Company. The pipeline will not be used to transport gas to drill the well. After the well is spud the pipeline will be authorized by a right-of-way issued by Williams Field Services.

If terrain allows it is our intent to pre-set the 9 5/8" casing on the above mentioned well by drilling a surface hole with air/air mist in lieu of drilling mud and the surface casing be cemented with 94.5 cu/ft type I-II, 20% FLYASH, 14.5 PPG, 7.41 gal/sk, 1.61 cf/sk Yield, 80 DEG BHST ready mix cement. If the area will not allow for pre-set the approved cement program will be followed.

BP AMERICA PRODUCTION COMPANY DRILLING AND COMPLETION PROGRAM

Prospect Name: Vandewart B

Lease: Vandewart

Well No:

Surface Location: 11-29N-08W, 900 FSL, 1920 FWL Bottom Hole Loc.: 11-29N-08W, 4520 FSL, 740 FWL

County: San Juan

Field: Basin Fruitland Coal

3S

State: New Mexico Date: April 6, 2004

| | tal well in the F | ruitiand Coal. D | rop off 4 ½" perf | orated liner and p | roduce v | v/o stimulation. | | | | |
|--|---|--|---|---|---|---|---|-----------------------------|--|--|
| METH | OD OF DRI | LLING | | APPROXIMATE DEPTHS OF GEOLOGICAL MARKER | | | | | | |
| TYPE OF TOOLS | DE | PTH OF DRI | LLING | Estimat | ed GL: | Estimated KB: 6323 | | | | |
| Rotary | 0 - 1 | TD | | MARKE | R | SUBSEA | TVD | MD | | |
| | G PROGRA | AM . | | Ojo Alamo | | +4355 | 1968 | 1997 | | |
| | | | | Kirkland | | +4275 | 2148 | 2203 | | |
| | | | | Fruitland | | +3564 | 2759 | 3115 | | |
| TYPE | DEF | TH INVERAL | _ | Ignacio Coal | ' # | +3430 +3413 | 2893 | 3458 | | |
| | | | | Ignacio Base | | 2910 | 3518 | | | |
| | | | | Cottonwood (| | +3410 | 2913 | 3529 | | |
| | | | | Cottonwood E | | +3350 +3315 | 2973 3008 | 3936 not drilled | | |
| Mudlog | 300 | 6' - TD | | Pictured Chin | • | 73313 | 3006 | i noi annea | | |
| Mudiog | 3330 | 0 - 10 | | | | | | | | |
| CASED HOLE | | | | | | | | | | |
| | | | | | | | | | | |
| GR/Bulk Density | 3996 | 6' – Surface | | | | , | | | | |
| | | | | | | | | | | |
| REMARKS: | | ,, . | | 1 | | AL | | | | |
| At TD and prior to compl | | | | | | (Note: Est depths | | | | |
| the operator will FAX or | | | | | | along | | | | |
| BP geologist at hilkewdn | n@bp.com, f | ax (281) 366 | -7099 | | | wellbore) | | | | |
| | | | | | | Wellberg, | | | | |
| | | | | TOTAL DEPT | Ή | | 2973 | 6012 | | |
| | | | | # Probable co | mpletio | n interval | * Possible | Pay | | |
| SP | ECIAL TES | TS | | | | SAMPLES | | NG TIME | | |
| TYPE | | • | | FREQUENC | | EPTH | FREQUEN | | | |
| None | | | | 10' | | 96' - TD | Geolograph | | | |
| MUD PROGRAM: | | | | <u> </u> | | ···· | | | | |
| | l Tu | pe Mud | Weight, #/ | ga Vis, sec/ | nt W | //L cc's/30 m | in Other | • | | |
| MUDIUX, IIILEIVAI | 1 1 1 | | | | | | | | | |
| Approx. Interval | עי | F | | 1.0,000 | " " | | | ication | | |
| | | | 86-92 | 110,000 | 4. | ····· | | ication | | |
| 0 - 350 | Sp | oud | 8.6-9.2 8.6-9.2 | | | · · · · · · · · · · · · · · · · · · · | | ication | | |
| 0 - 350 350 - 3996 | (1) Sp | oud ater/LSND | 8.6-9.2 | | < | 6 | Specif | | | |
| 0 - 350 350 - 3996 3996 - 6012 | (1) Sp | oud | 8.6-9.2 | sufficient to m | < | 6 | Specif | | | |
| 0 - 350 350 - 3996 3996 - 6012 REMARKS: | (1) Sp Ga | oud ater/LSND as/Air/N2/Mis | 8.6-9.2 st Volume | sufficient to m | <r aintain</r | 6 a stable and | Specif | те | | |
| 0 - 350 350 - 3996 3996 - 6012 REMARKS: (1) The hole will require | (1) Sp W Ga sweeps to ke | oud ater/LSND as/Air/N2/Mis eep unloaded | 8.6-9.2 st Volume s d while fresh | sufficient to m | <pre><iraintain ho<="" let="" pre=""></iraintain></pre> | 6 a stable and ble conditions | Specificlean wellboredictate frequency | ency. | | |
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BOP Test Pressure

BP America Production Company BOP Pressure Testing Requirements

Well Name: Vandewart B

County: San Juan

State: New Mexico

| Formation | TVD | Anticipated Bottom Hole Pressure | Maximum Anticipated Surface Pressure ** |
|--|--|----------------------------------|---|
| Ojo Alamo Kirkland Fruitland Ignacio Coal Ignacio Base Cottonwood Coal Cottonwood Base Pictured Cliffs | 1968 2148 2759 2893 2910 2913 2973 3008 | 600 400 | 0 0 |

** Note: Determined using the following formula: ABHP - (.22*TVD) = ASP

Requested BOP Pressure Test Exception: 750 psi

SAN JUAN BASIN Fruitland Formation Pressure Control Equipment

Background

The objective Fruitland Coal formation maximum surface pressure is anticipated to be less than 1000 psi, based on shut-in surface pressures from adjacent wells. Pressure control equipment working pressure minimum requirements are therefore 2000 psi. Equipment to be used will conform to API RP-53 (Figure 2.C.2) for a 2000 psi system per Federal Onshore Order No. 2. Due to available conventional equipment within the area, 3000 psi rated pressure control equipment will typically be utilized in a double ram type arrangement. Regional drilling rights to be utilized have substructure height limitations which exclude the use of annular preventers; therefore a rotating head will be installed above these rams. This pressure control equipment will be utilized for conventional drilling below conductor to total depth in the Basin Dakota. No abnormal temperature, pressure, or H2S anticipated.

Equipment Specification

<u>Interval</u>

BOP Equipment

Below conductor casing to total depth

11" nominal or 7 1/16",3000 psi double ram preventer with rotating head

All ram type preventers and related control equipment will be hydraulically tested to 250 psi (low pressure) and 2000 psi (high pressure), upon installation, following any repairs or equipment replacements, or at 30 day intervals. Accessories to BOP equipment will include kelly cock, upper kelly cock with a handle available, floor safety valves and choke manifold which will also be tested to equivalent pressure.

FEDERAL CEMENTING REQUIREMENTS

- 1. All permeable zones containing fresh water and other usable water containing 10,000 PPM or less total dissolved solids will be isolated and protected from contamination by cement circulated in place for the protection of permeable zones per the NTL-FRA 90-1 Section III A.
- 2. The hole size will be no smaller than 1 ½" larger diameter than the casing O.D. across all water zones.
- 3. An adequate spacer will be pumped ahead of the cement slurry to help prevent mud contamination of the cement.
- 4. An adequate number of casing centralizers will be run through usable water zones to ensure that the casing is centralized through these zones. The adequate number of centralizers to use will be determined by API SPEC 10D.
- 5. Centralizers will impart a swirling action around the casing and will be used just below and into the base of the lowest usable water zone.
- A chronological log will be kept recording the pump and slurry information and will be sent to the BLM with the subsequent sundry.

Cementing Program

| County: San Juan Well Flac State: New Mexico Fruitland Coal KB Elev (est) 6323 GL Elev. (est) 6313 Casing Program: Casing String Est. Depth Hole Size Casing Size Thread TOC Stage Tool (ft.) (in.) (in.) (ft.) Or TOL (ft.) Surface NA NA Intermediate 3996 8.75 7 LT&C Surface NA Production - 6012 6.25 4.5 N/A NA Casing Properties: (No Safety Factor Included) Casing String Size Weight Grade Burst Collapse Joint St. Capacity Drift Casing String Size Weight (psi.) (psi.) (psi.) (1000 lbs.) (bbl/ft.) (in.) Surface 9.625 | Well Name: | Vandewart B#3 | - | 53.6 (1) | | Field: | | Basin Fruitlan | d Coal | | |
|--|--------------------|---------------------------------------|----------------|---------------------------------------|---------------------------------------|----------------|---------|----------------|---------|---|-------|
| State | Location: | · · · · · · · · · · · · · · · · · · · | 100 FSL, 1920 | FWL | | API No. | | | | | |
| Casing Program: Casing String | - | | | | | | | Emittend Coo | , I | | |
| Casing Program: Casing String Str. Depth Hole Size Casing Size (ft.) (in.) (in | State: | New Mexico | | | | | | | | | |
| Casing Program: Casing String | • | | | | | | | | - | | |
| Casing String (ft.) Est. Depth (ft.) Hole Size (in.) Casing Size (in.) Thread (ft.) OT TOL (ft.) Surface 350 13.5 9.625 ST&C Surface NA Intermediate 3996 8.75 7 LT&C Surface NA Production 6012 6.25 4.5 Value NA NA Casing Properties: (No Safety Factor Included) Collage Joint St. Capacity Drift Casing String Size Weight Grade Burst Collages Joint St. Capacity Drift Surface 9.625 32 H-40 3370 1400 254 0.0787 8 Intermediate 7 20 K-55 3740 2270 234 0.0405 6 Production - 4.5 J-55 Fluid Lost 15 270 284 0.0405 6 Mud Program Apx. Interval (ft.) Mud Mayer 8.6-9.2 Fluid Lost 15 15 15 | | | | | | GL EIGV. (| 551) | | 3 | | |
| Control | Casing Program | 1: | | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| Surface 350 | Casing String | | | Casing Size | Thread | | | | | | |
| Intermediate 3996 8.75 7 | | (ft.) | (in.) | (in.) | | (ft.) | | Or TOL (ft.) | | | |
| Production - 6012 6.25 4.5 N/A NA Casing Properties: (No Safety Factor Included) Casing String Size Weight Grade Burst Collapse Joint St. Capacity Drift Surface 9.625 32 H-40 3370 1400 254 0.0787 8 Intermediate 7 20 K-55 3740 2270 234 0.0405 6 Production - 4.5 J-55 3740 2270 234 0.0405 6 Production - 4.5 J-55 3740 2270 234 0.0405 6 Mud Program Apx. Interval Mud Type Mud Weight Recommended Mud Properties Prio Cementing: Production Production Production 15 Secons Prior Program: Secons Prior Program: Secons Prior Program: Secons Prior Program: Secons Production N/A N/A N/A N/A N/A N/A N/A N/A N/A < | | | | | | | | | | | |
| Casing Properties: | | | | - | LT&C | | | | | | |
| Casing String Size Weight Grade Burst Collapse Joint St. Capacity Drift (lb/ft) (lb/ft) (lpsi.) (psi.) (lpsi.) (lo00 lbs.) (bbl/ft.) (in.) (in.) (lpsi.) (lp | | | | | | N/A | | NA | | | |
| Commenting Program: Surface Su | | | • | , | | _ : | | | | | |
| Surface 9.625 32 H-40 3370 1400 254 0.0787 8 | Casing String | | U | Grade | | | | | , . | | |
| Intermediate | | | . , | | , | ., , | | • | • • | , , | |
| Production - | | 9.62 | | | | | | | | | 8.845 |
| Mud Program | | | _ | | 3740 | | 2270 | 23 | 4 0.040 | 5 | 6.456 |
| Apx. Interval (ft.) Mud Type Mud Weight (ft.) Recommended Mud Properties Prio Cementing: PV <20 | Production - | 4 | .5 | J-55 | | | | | | | |
| (ft.) PV <20 YP <10 0 - SCP Water/Spud 8.6-9.2 Fluid Lost <15 | Mud Program | | | | · · · · · · · · · · · · · · · · · · · | | | ····· | | | |
| YP <10 | Apx. Interval | Mud Type | Mud Weight | | Recomm | ended Mud | Prope | rties Prio Cem | enting: | | |
| 0 - SCP Water/Spud 8.6-9.2 Fluid Lost <15 SCP - ICP Water/LSND 8.6-9.2 ICP - ICP2 Gas/Air Mist NA ICP2 - TD \overline{\text{LSND}} 8.6 - 9.2 Cementing Program: Surface Intermediate Production Excess %, Lead 100 75 N/A Excess %, Tail NA 0 N/A BHST (est deg. F) 81 120 120 Special Instructions 1,6,7 1,6,8 9 Do not wash pumps and lines. | (ft.) | | | | PV | <20 | | | | | |
| SCP - ICP Water/LSND 8.6-9.2 Gas/Air Mist NA ICP2 - TD ICP ICP2 Gas/Air Mist NA ICP2 - TD ICP ICP2 ICP ICP2 ICP ICP2 ICP ICP2 ICP2 | | | | | YP | <10 | | | | | |
| ICP - ICP2 Gas/Air Mist | | Water/Spud | 8.6-9. | 2 | Fluid Los | :<15 | | | | | |
| Cementing Program: | | | | = | | | | | · | | |
| Cementing Program: Surface Intermediate Production Excess %, Lead 100 75 N/A Excess %, Tail NA 0 N/A BHST (est deg. F) 81 120 120 Special Instructions 1,6,7 1,6,8 9 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 7. 1" cement to surface if cement is not circulated. | | | | | | | | | | | |
| Surface Intermediate Production Excess %, Lead 100 75 N/A Excess %, Tail NA 0 N/A BHST (est deg. F) 81 120 120 Special Instructions 1,6,7 1,6,8 9 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 7. 1" cement to surface if cement is not circulated. | | | 8.6 - 9.: | 2 | | | | | | *************************************** | |
| Excess %, Lead 100 75 N/A Excess %, Tail NA 0 N/A BHST (est deg. F) 81 120 120 Special Instructions 1,6,7 1,6,8 9 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 7. 1" cement to surface if cement is not circulated. | Cementing Progr | am: | | 0(- | | | | | 5 | | |
| Excess %, Tail NA 0 N/A BHST (est deg. F) 81 120 120 Special Instructions 1,6,7 1,6,8 9 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 7. 1" cement to surface if cement is not circulated. | 5 | • | | | | | liate | | | | |
| BHST (est deg. F) 81 120 120 Special Instructions 1,6,7 1,6,8 9 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 7. 1" cement to surface if cement is not circulated. | | | | | | | | | | | |
| Special Instructions 1,6,7 1,6,8 9 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 7. 1" cement to surface if cement is not circulated. | | • | | | | | | | | | |
| Do not wash pumps and lines. Wash pumps and lines. Reverse out Run Blend Test on Cement Record Rate, Pressure, and Density on 3.5" disk Confirm densitometer with pressurized mud scales 1" cement to surface if cement is not circulated. | | | | - | | | | | | | |
| Wash pumps and lines. Reverse out Run Blend Test on Cement Record Rate, Pressure, and Density on 3.5" disk Confirm densitometer with pressurized mud scales 1" cement to surface if cement is not circulated. | Special instructio | | numana and lin | | | 1,6,8 | • | | 9 | | |
| 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 7. 1" cement to surface if cement is not circulated. | | | | es. | | | | | | | |
| 4. Run Blend Test on Cement 5. Record Rate, Pressure, and Density on 3.5" disk 6. Confirm densitometer with pressurized mud scales 7. 1" cement to surface if cement is not circulated. | | | and mies. | | | | | | | | |
| 5. Record Rate, Pressure, and Density on 3.5" disk6. Confirm densitometer with pressurized mud scales7. 1" cement to surface if cement is not circulated. | | | oct on Comont | | | | | | | | |
| 6. Confirm densitometer with pressurized mud scales7. 1" cement to surface if cement is not circulated. | | | | | diek | | | | | | |
| 7. 1" cement to surface if cement is not circulated. | | | | • | | | | | | | |
| | | | • | | | | | | | | |
| 5. If comonicio not circulated to surface, run temp. survey 10-12 Hr. after failuring plug. | | | | | | 10-12 hr off | or lan | dina alua | | | |
| 9. Uncemented perforated liner | | | | · · | ιμ. σαι ν α γ | 10-12 III. dil | er iari | ang plag. | | | |

| Surface: | Preflush | 20 bbl. | FreshWater | <u> </u> | |
|-----------------|-------------|--------------|--------------------|----------|-------------------|
| | Slurry 1 | 270 sx Class | s C Cement | | 342 cuft |
| | TOC@Surface | | aCl2 (accelerator) | | - |
| • | | | | | 0.4887 cuft/ft OH |
| Slurry Properti | es: | Density | Yield | Water | |
| | | (lb/gal) | (ft3/sk) | (gal/sk) | |
| | Slurry 1 | 15.2 | 1.27 | 5.8 | |

Cementing Program

Casing Equipment:

9-5/8", 8R, ST&C

1 Guide Shoe

1 Top Wooden Plug 1 Autofill insert float valve

Centralizers, 1 per joint except top joint

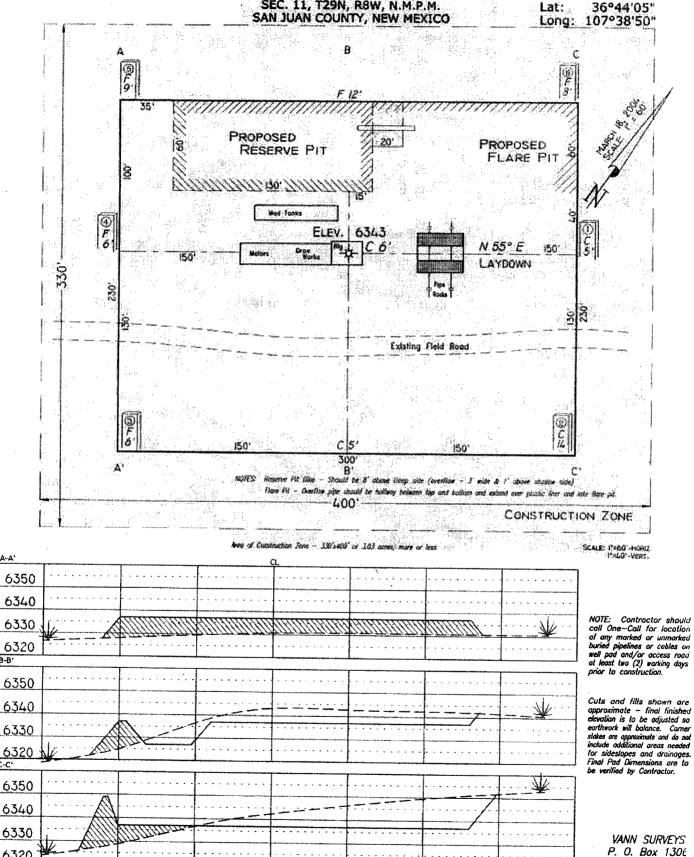
1 Stop Ring

1 Thread Lock Compound

| Intermediat | | | | | • |
|--------------|-------------|----------------------|-------------------------------------|---------------------------------------|-----------------------|
| | Fresh Water | 20 b | bbl fresh water | · | |
| | | | | | |
| | Lead | | 350 sx Class "G" Cen | | 889 cuft |
| | Slurry 1 | | + 3% D79 extend | | |
| | TOC@Surfac | е | + 2% S1 Calcium | · · · · · · · · · · · · · · · · · · · | |
| | | | +1/4 #/sk. Cellopl | | |
| | | | + 0.1% D46 antifo | | |
| | Tail | | 60 sx 50/50 Class "0 | | 75 cuft |
| | Slurry 2 | | + 2% gel (extende | • | • |
| | ; | 500 ft fill | 0.1% D46 antifoa | | 0.1503 cuft/ft OH |
| | | | +1/4 #/sk. Cellopl | | 0.1746 cuft/ft csg an |
| | | | + 2% CaCl2 (acc | elerator) | |
| Slurry Prope | rties: | Density | Yield | Water | |
| | | (lb/gal) | (ft3/sk) | (gal/sk) | |
| Slurry 1 | | 11.4 | 2.61 | 17.77 | |
| Slurry 2 | | 13.5 | 1.27 | 5.72 | |
| Casing Equi | pment: | 7", 8R, ST&C | | | • |
| | | 1 Float Shoe (auto | ofill with minimal LCM in mud) | | |
| | | 1 Float Collar (auto | ofill with minimal LCM in mud) | | |
| | | 1 Stop Ring | | | |
| | | 14 Centralizers (or | ne in middle of first joint, then e | every third collar) | |
| | | 2 Fluidmaster van | e centalizers @ base of Ojo | | |
| | | 1 Top Rubber Plug |) | | |
| | | 1 Thread Lock Cor | npound | | |

PAD LAYOUT PLAN & PROFILE BP AMERICA PRODUCTION COMPANY Vandewart B #38

900' F/SL 1920' F/WL SEC. 11, T29N, R8W, N.M.P.M.



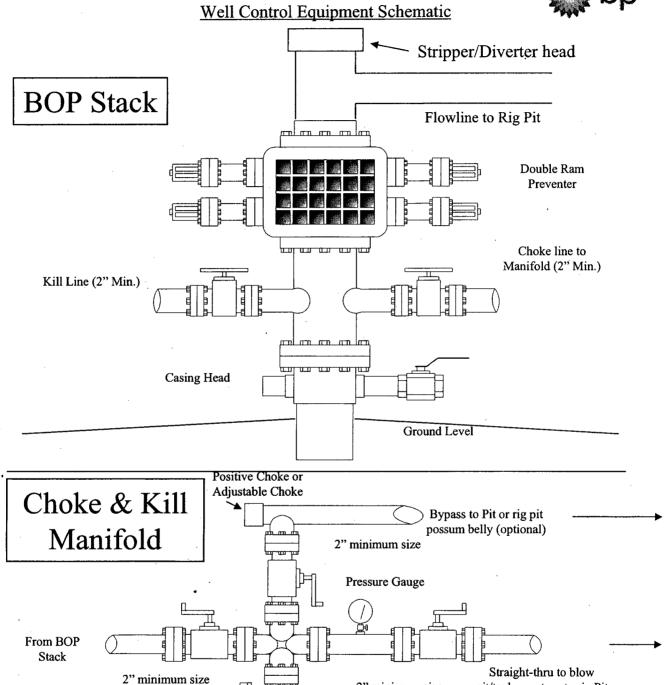
Farmington, NM

B-B'

6320

BP American Production Company





Adjustable Choke

Working Pressure for all equipment

is 2,000 psi or greater

2" minimum size

2" minimum size

To Blow Tank or burn Pit

pit/tank or return to rig Pit

Form 31605 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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. FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000

5. Lease Serial No. NMSF078502 6. If Indian, Allottee or Tribe Name

| ubandonea wei | Ose form of oo o (All I | , . c. cuo ₁ | эт оросило. | | | | | | |
|--|---|--|------------------------|-----------------------|--|--|--|--|--|
| SUBMIT IN TRII | PLICATE - Other instruc | | 7. If Unit or CA/Agree | ment, Name and/or No. | | | | | |
| Type of Well ☐ Oil Well | ner | | <u></u> | | 8. Well Name and No. VANDEWART B 3S | | | | |
| 2. Name of Operator BP AMERICA PRODUCTION | Contact: | CHERRY HI E-Mail: hlavad | | | 9. API Well No. 30-045-32295-0 | 0-X1 | | | |
| 3a. Address P. O. BOX 3092 HOUSTON, TX 77253 | | 3b. Phone No Ph: 281.36 Fx: 281.36 | | le) | 10. Field and Pool, or BASIN FRUITLA | | | | |
| 4. Location of Well (Footage, Sec., 7 | ., R., M., or Survey Description | | | | 11. County or Parish, a | and State | | | |
| Sec 11 T29N R8W SESW 900 36.44050 N Lat, 107.38500 W | 0FSL 1920FWL | | | SAN JUAN COL | JNTY, NM | | | | |
| 12. CHECK APPI | ROPRIATE BOX(ES) TO |) INDICATI | E NATURE OF | NOTICE, RI | EPORT, OR OTHER | R DATA | | | |
| TYPE OF SUBMISSION | | | TYPE | OF ACTION | | | | | |
| Nation of Intent | Acidize | □ Dec | epen | ☐ Product | ion (Start/Resume) | ☐ Water Shut-Off | | | |
| Notice of Intent | Alter Casing | _ | cture Treat | ☐ Reclama | ation | ☐ Well Integrity | | | |
| ☐ Subsequent Report | Casing Repair | □ Ne | w Construction | ☐ Recomp | lete | Other | | | |
| Final Abandonment Notice | Change Plans | _ | g and Abandon | _ | arily Abandon | Change to Original A PD | | | |
| _ | Convert to Injection | n Plu | g Back | ☐ Water D | isposal | 10 | | | |
| Original APD was submitted of New Facilities Correction: The Please note the pipeline complete attached survey | e original APD indicated t | hat Williams | would be the p | ipeline compa | Se vin 20 | 104 Sept. 104 Se | | | |
| 14. I hereby certify that the foregoing is | s true and correct | | T | | TOO. TEN | 5 6 7 | | | |
| | Electronic Submission # For BP AMERICA mitted to AFMSS for proces | A PRODUCTION | IN CO, sent to t | the Farmingtor | 1 | | | | |
| Name (Printed/Typed) CHERRY | • | 1 | | RESENTATIVE | | | | | |
| Signature (Electronic | Submission) | | Date 05/07 | /2004 | | | | | |
| | THIS SPACE FO | OR FEDER | AL OR STATE | OFFICE U | SE | | | | |
| Approved By Doll | anlies) | | Title | AFM | | S-17-04 | | | |
| Conditions of approval, if any are attached ertify that the applicant holds legal or equivalent would entitle the applicant to conditions. | uitable title to those rights in th | s not warrant or e subject lease | Office # | FO | | | | | |
| Title 18 U.S.C. Section 1001 and Title 43 | U.S.C. Section 1212, make it a | crime for any | nerson knowingly | and willfully to m | ake to any department or | agency of the United | | | |