

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

2007 JUL 30 AM 11:40

5 Lease Serial No

SF - 078502

6 If Indian, Allottee or tribe Name

7 If Unit or CA/Agreement, Name and/or No.

NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

8. Well Name and No.

Vandewart A 2A

2. Name of Operator

BP America Production Company Attn: Cherry Hlava

9. API Well No.

30-045-22362

3a. Address

P.O. Box 3092 Houston, TX 77253

3b. Phone No. (include area code)

281-366-4081

10. Field and Pool, or Exploratory Area

Pictured Cliffs/ Blanco Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1800' FNL & 1140' FWL SEC 11 T29N R08W SWNW

11. County or Parish, State

San Juan County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐

Acidize

☐ Deepen

☐

Production (Start/Resume)

☐

Water shut-Off

☐

Alter Casing

☐

Fracture Treat

☐

Reclamation

☐

Well Integrity

☐

Casing Repair

☐

New Construction

☒

Recomplete

☒

Other Downhole
Commingling

☐

Change Plans

☐

Plug and Abandon

☐

Water Disposal

☐

Convert to Injection

☐

Plug Back

RCVD AUG 2 2007
OIL CONS. DIV.

DIST 3

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

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

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

14. I hereby certify that the foregoing is true and correct

Name (Printed/typed)

Cherry Hlava

Title

Regulatory Analyst

Signature

Cherry Hlava

Date

07/27/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Original Signed: Stephen Mason

Approved by

Title

Date

JUL 31 2007

Conditions of approval, if any, are attached. Approval of this notice does not warrant or 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

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.

NMOCD

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

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.
-

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.

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.
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, 1.1 cu ft/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

PBTD 5522'

TD 5539'

NOTES:

updated: 7/9/07 ADB

Vandewart A 2A									
MesaVerde Formation									
API #	3004522362								
Starting 1/98 thru 7/34									
Exponential Decline									
Qi =	163.4	mcf/d	1-Jan-2007						
Qf =	10.0	mcf/d							
D =	9.63%	per year							
Date	Gas Rate mcf/d	Gas Volume MMSCF	Date	Gas Rate mcf/d	Gas Volume MMSCF	Date	Gas Rate mcf/d	Gas Volume MMSCF	
Jan-07	162.77	5.05	Mar-10	118.16	3.66	May-13	85.73	2.66	
Feb-07	161.44	4.52	Apr-10	117.17	3.52	Jun-13	85.01	2.55	
Mar-07	160.12	4.96	May-10	116.18	3.60	Jul-13	84.29	2.61	
Apr-07	158.77	4.76	Jun-10	115.20	3.46	Aug-13	83.57	2.59	
May-07	157.43	4.88	Jul-10	114.23	3.54	Sep-13	82.87	2.49	
Jun-07	156.11	4.68	Aug-10	113.25	3.51	Oct-13	82.17	2.55	
Jul-07	154.79	4.80	Sep-10	112.29	3.37	Nov-13	81.48	2.44	
Aug-07	153.47	4.76	Oct-10	111.35	3.45	Dec-13	80.79	2.50	
Sep-07	152.17	4.57	Nov-10	110.41	3.31	Jan-14	80.10	2.48	
Oct-07	150.89	4.68	Dec-10	109.48	3.39	Feb-14	79.44	2.22	
Nov-07	149.62	4.49	Jan-11	108.54	3.37	Mar-14	78.80	2.44	
Dec-07	148.36	4.60	Feb-11	107.66	3.01	Apr-14	78.13	2.34	
Jan-08	146.69	4.55	Mar-11	106.78	3.31	May-14	77.47	2.40	
Feb-08	145.47	4.22	Apr-11	105.88	3.18	Jun-14	76.82	2.31	
Mar-08	144.27	4.47	May-11	104.99	3.26	Jul-14	76.17	2.36	
Apr-08	143.06	4.29	Jun-11	104.10	3.12	Aug-14	75.52	2.34	
May-08	141.85	4.40	Jul-11	103.22	3.20	Sep-14	74.88	2.25	
Jun-08	140.66	4.22	Aug-11	102.34	3.17	Oct-14	74.25	2.30	
Jul-08	139.48	4.32	Sep-11	101.48	3.04	Nov-14	73.63	2.21	
Aug-08	138.29	4.29	Oct-11	100.62	3.12	Dec-14	73.01	2.26	
Sep-08	137.13	4.11	Nov-11	99.77	2.99	Jan-15	72.38	2.24	
Oct-08	135.97	4.22	Dec-11	98.93	3.07	Feb-15	71.79	2.01	
Nov-08	134.83	4.05	Jan-12	97.82	3.03	Mar-15	71.21	2.21	
Dec-08	133.70	4.15	Feb-12	97.01	2.81	Apr-15	70.61	2.12	
Jan-09	132.92	4.12	Mar-12	96.21	2.98	May-15	70.01	2.17	
Feb-09	131.83	3.69	Apr-12	95.40	2.86	Jun-15	69.42	2.08	
Mar-09	130.76	4.05	May-12	94.60	2.93	Jul-15	68.83	2.13	
Apr-09	129.66	3.89	Jun-12	93.80	2.81	Aug-15	68.25	2.12	
May-09	128.56	3.99	Jul-12	93.01	2.88	Sep-15	67.67	2.03	
Jun-09	127.48	3.82	Aug-12	92.22	2.86	Oct-15	67.10	2.08	
Jul-09	126.40	3.92	Sep-12	91.44	2.74	Nov-15	66.53	2.00	
Aug-09	125.32	3.89	Oct-12	90.67	2.81	Dec-15	65.97	2.05	
Sep-09	124.27	3.73	Nov-12	89.91	2.70	Jan-16	65.23	2.02	
Oct-09	123.22	3.82	Dec-12	89.16	2.76	Feb-16	64.69	1.88	
Nov-09	122.18	3.67	Jan-13	88.64	2.75	Mar-16	64.16	1.99	
Dec-09	121.15	3.76	Feb-13	87.91	2.46	Apr-16	63.62	1.91	
Jan-10	120.11	3.72	Mar-13	87.20	2.70	May-16	63.08	1.96	
Feb-10	119.13	3.34	Apr-13	86.46	2.59	Jun-16	62.55	1.88	