

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135

DIST. 8

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.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF - 078415
2. Name of Operator BP America Production Company Attn: Cherry Hlava		6. If Indian, Allottee or tribe Name
3a. Address P.O. Box 3092 Houston, TX 77253	3b. Phone No. (include area code) 281-366-4081	7. Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1060' FNL & 880' FWL Sec 15 T29N R08W		8. Well Name and No. Roelofs B 3A
		9. API Well No. 30-045-22365
		10. Field and Pool, or Exploratory Area Blanco Mesaverde & Pictured Cliffs
		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	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Abandon
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Water Disposal	
	<input type="checkbox"/> Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Other	Downhole Commingle

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 recompleat 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 recompleat 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 MV side of this dual well has been T&A'd since 1995 and has not produced since that time. BP America Production Company request permission to 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 Downhole Commingle the Blanco Pictured Cliffs Pool with the Blanco Mesaverde as per the attached procedure.

The Blanco Mesaverde (72319) and Blanco Pictured Cliffs (72359) Pools are Pre-Approved Pools for Downhole Commingling per NMOC order R-11363. The working and 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 the subtraction method using the projected future decline for production from the Pictured Cliffs. 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 Blanco Mesaverde. Attached is the future production decline estimates for the PC.

Commingling Production Downhole in the subject well from the proposed Pools with 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 <i>Cherry Hlava</i>	Date 1/15/2007		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved by <i>Joe Hewitt</i>	Title Geo	Date 1-14-07	
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 FDD	

NMOC by

SJ Basin Downhole Commingling Procedure

Well Name: Roclofs B 3A – PC / MV dual well
Version: 1.0
Location: T29N-R8W-Sec15D **API #:** 30-045-22365
County: San Juan **State:** New Mexico
Horizon: Picture Cliff / Mesa Verde **Engr:** Andrew Berhost
ph (505) 326-9208
mobile: (505) 486-0139
fax (505) 326-9262

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 @ 3038'
2. Tag for fill above Model "D" packer – C/O if necessary
3. TOH with long tubing string set @ 5509'
4. Mill and pluck packer @ 3086'
5. Tag for fill C/O to PBTD
6. TIH with 2-3/8" tubing – land @ 5509'
7. Return well to production.

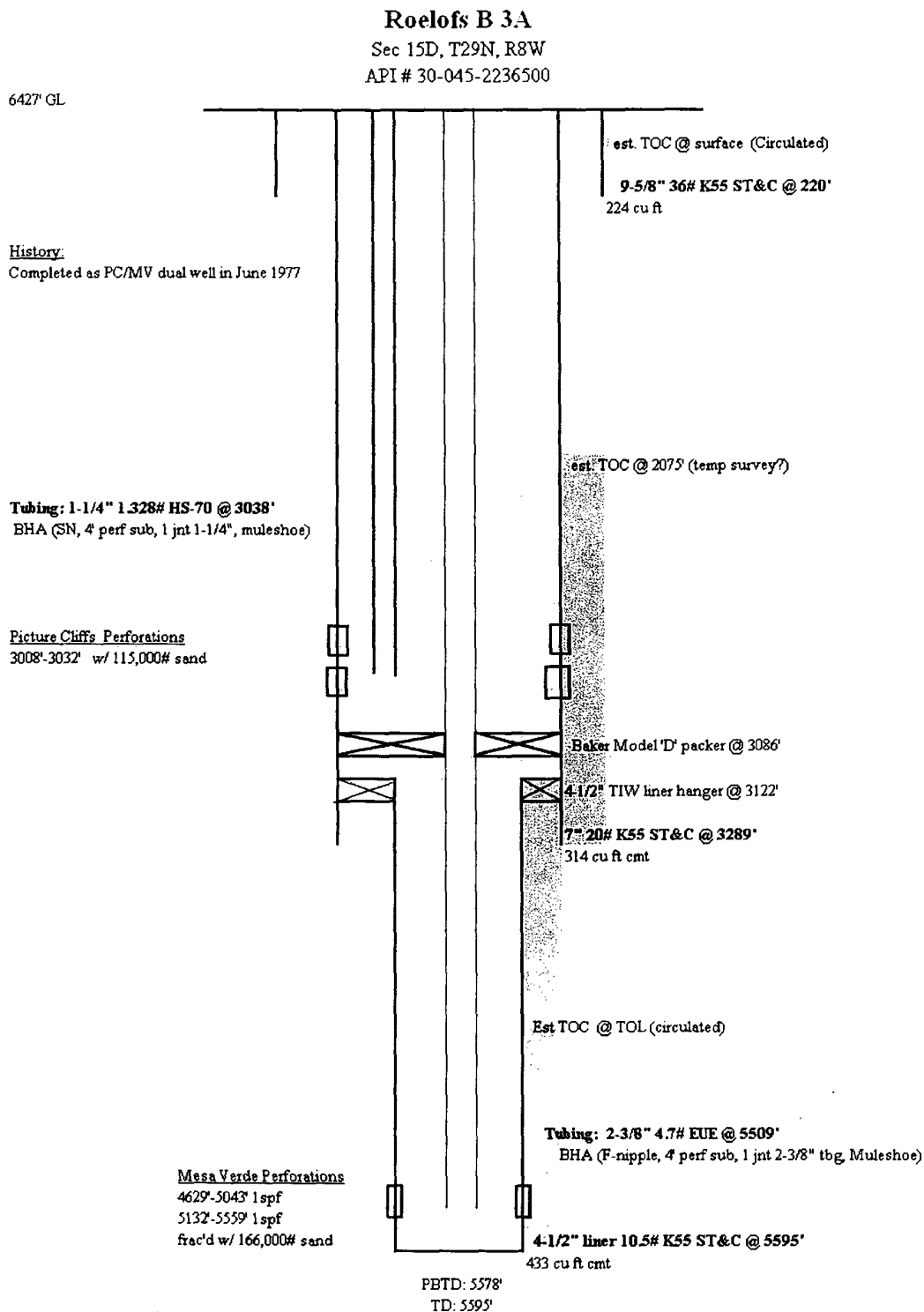
Pertinent Information: Gas BTU content for this well is 1114 (PC production); Sp gr. is 0.635 (PC). Venting and Flaring document needs to be followed if BTU content is above 950.

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.**
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 3086' and TOH with 1-1/4" (1.328#, HS-70, 0.109) short production tubing currently set at 3038'.
11. If fill was detected above Model 'D' packer, TIH and cleanout fill above packer. TOH and LD 2-3/8" workstring.
12. TOH with 2-3/8" long production tubing currently set @ 5509'.
13. Mill slip elements on 7" Model 'D' packer set at 3086' 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 @ 4629'–5559'. TOH with bit and scraper.
15. Cleanout to PBTD 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 5509'. 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.

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.



NOTES:

updated: 12/14/06 ADB

Roelofs B 3A Future Production Decline Estimate Pictured Cliffs

1/15/2007

Month	Gas Volume
Jan-2000	1069
Feb-2000	1184
Mar-2000	1233
Apr-2000	1202
May-2000	1220
Jun-2000	1195
Jul-2000	1279
Aug-2000	1230
Sep-2000	1177
Oct-2000	1196
Nov-2000	1154
Dec-2000	1184
Jan-2001	983
Feb-2001	947
Mar-2001	1208
Apr-2001	1016
May-2001	1425
Jun-2001	1212
Jul-2001	1246
Aug-2001	1212
Sep-2001	1173
Oct-2001	1205
Nov-2001	1076
Dec-2001	1166
Jan-2002	1098
Feb-2002	1086
Mar-2002	1344
Apr-2002	1252
May-2002	1418
Jun-2002	1159
Jul-2002	1632
Aug-2002	1594
Sep-2002	1622
Oct-2002	1613
Nov-2002	1451
Dec-2002	1266

Month	Gas Volume
Jan-2003	1471
Feb-2003	1340
Mar-2003	1470
Apr-2003	1406
May-2003	1402
Jun-2003	1357
Jul-2003	1423
Aug-2003	1223
Sep-2003	1340
Oct-2003	1467
Nov-2003	1364
Dec-2003	1598
Jan-2004	1562
Feb-2004	1049
Mar-2004	1645
Apr-2004	1396
May-2004	1387
Jun-2004	1228
Jul-2004	1652
Aug-2004	1600
Sep-2004	1482
Oct-2004	1465
Nov-2004	1351
Dec-2004	1252
Jan-2005	1439
Feb-2005	1292
Mar-2005	1423
Apr-2005	1383
May-2005	1462
Jun-2005	1258
Jul-2005	1339
Aug-2005	1140
Sep-2005	1151
Oct-2005	1150
Nov-2005	944
Dec-2005	1318

Month	Gas Volume
Jan-2006	833
Feb-2006	599
Mar-2006	700
Apr-2006	789
May-2006	748
Jun-2006	859

$\ln(Q_f/Q_i) = -dt$
 $Q_f = 1318$
 $Q_i = 1632$
 $rate = 44$
 $time = 41$
 $dt = -0.21369082$
 $decline = -0.005211971$

Month	Gas Volume
Jan-2007	1232
Feb-2007	1225
Mar-2007	1219
Apr-2007	1213
May-2007	1206
Jun-2007	1200
Jul-2007	1194
Aug-2007	1188
Sep-2007	1181
Oct-2007	1175
Nov-2007	1169
Dec-2007	1163
Jan-2008	1157
Feb-2008	1151
Mar-2008	1145
May-2008	1139
Jun-2008	1133
Jul-2008	1127
Aug-2008	1121
Sep-2008	1116
Oct-2008	1110
Nov-2008	1104
Dec-2008	1098
Jan-2009	1093

Roelofs B 3A Future Production Decline Estimate Pictured Cliffs

Month	Gas Volume
Feb-2009	1087
Mar-2009	1081
Apr-2009	1076
May-2009	1070
Jun-2009	1064
Jul-2009	1059
Aug-2009	1053
Sep-2009	1048
Oct-2009	1042
Nov-2009	1037
Dec-2009	1032
Jan-2010	1026
Feb-2010	1021
Mar-2010	1016
Apr-2010	1010
May-2010	1005
Jun-2010	1000
Jul-2010	995
Aug-2010	990
Sep-2010	984
Oct-2010	979
Nov-2010	974
Dec-2010	969
Jan-2011	964
Feb-2011	959
Mar-2011	954
Apr-2011	949
May-2011	944
Jun-2011	939
Jul-2011	934
Aug-2011	930
Sep-2011	925
Oct-2011	920
Nov-2011	915
Dec-2011	910
Jan-2012	906

Month	Gas Volume
Feb-2012	901
Mar-2012	896
Apr-2012	892
May-2012	887
Jun-2012	882
Jul-2012	878
Aug-2012	873
Sep-2012	869
Oct-2012	864
Nov-2012	860
Dec-2012	855
Jan-2013	851
Feb-2013	846
Mar-2013	842
Apr-2013	838
May-2013	833
Jun-2013	829
Jul-2013	825
Aug-2013	820
Sep-2013	816
Oct-2013	812
Nov-2013	808
Dec-2013	803
Jan-2014	799
Feb-2014	795
Mar-2014	791
Apr-2014	787
May-2014	783
Jun-2014	779
Jul-2014	775
Aug-2014	770
Sep-2014	766
Oct-2014	763
Nov-2014	759
Dec-2014	755
Jan-2015	751

Month	Gas Volume
Feb-2015	747
Mar-2015	743
Apr-2015	739
May-2015	735
Jun-2015	731
Jul-2015	728
Aug-2015	724
Sep-2015	720
Oct-2015	716
Nov-2015	713
Dec-2015	709
Jan-2016	705
Feb-2016	702
Mar-2016	698
Apr-2016	694
May-2016	691
Jun-2016	687
Jul-2016	683
Aug-2016	680
Sep-2016	676
Oct-2016	673
Nov-2016	669
Dec-2016	666
Jan-2017	662
Feb-2017	659
Mar-2017	656
Apr-2017	652
May-2017	649
Jun-2017	645
Jul-2017	642
Aug-2017	639
Sep-2017	635
Oct-2017	632
Nov-2017	629
Dec-2017	626
Jan-2018	622

Month	Gas Volume
Feb-2018	619
Mar-2018	616
Apr-2018	613
May-2018	609
Jun-2018	606
Jul-2018	603
Aug-2018	600
Sep-2018	597
Oct-2018	594
Nov-2018	591
Dec-2018	588
Jan-2019	585
Feb-2019	581
Mar-2019	578
Apr-2019	575
May-2019	572
Jun-2019	569
Jul-2019	567
Aug-2019	564
Sep-2019	561
Oct-2019	558
Nov-2019	555
Dec-2019	552
Jan-2020	549
Feb-2020	546
Mar-2020	543
Apr-2020	541
May-2020	538
Jun-2020	535
Jul-2020	532
Aug-2020	529
Sep-2020	527
Oct-2020	524
Nov-2020	521
Dec-2020	518
Jan-2021	516

Month	Gas Volume
Feb-2021	513
Mar-2021	510
Apr-2021	508
May-2021	505
Jun-2021	503
Jul-2021	500
Aug-2021	497
Sep-2021	495
Oct-2021	492
Nov-2021	490
Dec-2021	487
Jan-2022	485
Feb-2022	482
Mar-2022	480
Apr-2022	477
May-2022	475
Jun-2022	472
Jul-2022	470
Aug-2022	467
Sep-2022	465
Oct-2022	462
Nov-2022	460
Dec-2022	458
Jan-2023	455
Feb-2023	453
Mar-2023	450
Apr-2023	448
May-2023	446
Jun-2023	443
Jul-2023	441
Aug-2023	439
Sep-2023	437
Oct-2023	434
Nov-2023	432
Dec-2023	430
Jan-2024	428