

UNITED STATES
DEPARTMENT OF THE INTERIOR
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.

RECEIVED

APR 2007

OIL CONS. DIV. DIST. 3

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

Lease Serial No.

SF - 077123

If Indian, Allottee or Tribe Name

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		8. Well Name and No. Warren LS 2B
2. Name of Operator BP America Production Company Attn: Cherry Hlava		9. API Well No. 30-045-31969
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 Blanco Mesaverde
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1105' FSL & 1095' FEL Sec. 12 T28N, R09W		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 Resume	<input type="checkbox"/> Water shut-Off
<input checked="" 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 checked="" type="checkbox"/> Other <u>Revised Procedure for</u> <u>Apr'd DHC -2230 AZ</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Water Disposal	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back		

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 recompletable 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 recompletable 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.

BP requested permission to DHC the above referenced well 4/12/06. Approval was granted 4/24/06.

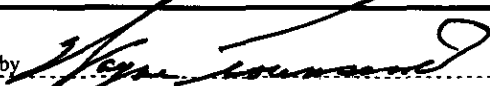
The attached procedure is revised to use 2" casing gun, spotting acid prior to perforating and running a smaller diameter tubing. For your convenience the changes are highlighted to blue.

DHC 2230

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct Name (Printed/typed) Cherry Hlava		Title Regulatory Analyst
Signature Cherry Hlava		Date 04/23/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 	Title Pet. Eng.	Date 4/27/07
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 FFO	

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.

NMOC

B

Ssan Juan Basin Downhole Commingling Procedure

Well Name: Warren LS 2B
Date: April 20, 2007
Repair Type: Recompletion & DHC

Objective: Perforate and frac Chacra, and downhole co-mingle Chacra, and Mesaverde

1. Perforate and fracture Chacra.
2. Return well to production.
3. Downhole co-mingle Chacra, and Mesaverde.

Pertinent Information: Gas BTU content for this well is above 950. Venting and Flaring document needs to be followed.

Reference:

NOP 7812-01 Normal Operating Procedure Under balanced Well Control Tripping Procedure.

NOP 7804-01 Normal Operating Procedure Wellbore Air Purge.

NOP 7803-01 Procedure for At Risk Well Locations.

NOP 7814 Procedure for Flowback Operations

Location:	T28N-R8W-Sec12	API #:	30-045-31969
County:	San Juan		
State:	New Mexico	Engr:	Jesse Gracia
Horizon:	Chacra/Mesaverde	ph	(281) 366-1946
		fax	(281) 366-0700

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 or wireline unit. Pressure test lubricator and equipment. Tag for fluid and fill.
4. RIH and set two composite bridge plugs at 3700'. Fill casing w/ 2% KCl.
5. Check and record tubing, casing and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.

6. LO/TO all necessary equipment including but not limited to: meter run, automation, separators and water lines.
7. Pressure test casing to 5,000 psi.
8. **Pick-up 1.66" OD x 2.33 #/ft IJ 1.38" ID tubing and RIH to 3400' 250 gal (6 bbls) of 15% HCL from 3400' to 2372'. TOH w/ tubing Note: Attempt to schedule perforating the same day as acid spotting.**
9. Prepare for explosive operations. Follow Schlumberger Explosive SOP including radio silence, suspension of welding operations, and isolation of electrical devices from the work area. Perform Pre-job Safety Meeting to review JSA and procedures. Meeting should address the VDR (vehicle data recorder) System that Bp people have installed on their vehicles. They must be shut off at the 300 foot sign by hitting 00 and then the enter button, and then wait for about 5 minutes for the unit to turn off. When the green light goes out, call the control center at 326-9475. This number is on a pickup list in the Optimizer room and should be your first point of contact followed by the front desk then the weekend pager. Verify the unit is not transmitting. You then can drive to location and park, but do not to exceed 10 Miles/hr. Note: 20 MPH will turn unit back on. If someone has On Star on their vehicle they cannot enter closer than 300 foot. On Star cannot be turned off. PLEASE take special caution. This is in conjunction with all cell phones, pagers, radios and any electronic devise that transmits a signal.
10. **RIH with 2" HSD 6 SPF Power Jet 2006 HMX perforating gun w/lubricator. Hole size in 2 7/8" Casing. Perforate Chacra formation:**

3100'-3300' Exact depths to be determined later
11. NU frac isolation equipment. Install and monitor production casing and treating pressure during entire job in frac van via pressure transducers on production casing and treating line. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to separate schedule. Maintain surface pressures , less than 5,000 psi during frac job. Flush frac with foam. Fill out GWSI scorecard.
12. Flowback frac immediately. Flow well through choke manifold on 1/4", 1/2" and 3/4" chokes increasing drawdown until well dies or stabilizes. This is to aid in reducing sand flowback. Recommend 8 hours of flow for each choke size.
13. Rig up air package/unit, pressure test all lines (Testing procedure to be supplied from air company).
14. Cleanout fill to top of BP set at 3,700' using 1.66" OD tubing. **Perform well test on Chacra for regulatory and document well test in DIMS. Notify Cherry Hlava (281-366-4081) when well test information is in DIMS.**
15. Drill out composite bridge plugs at 3700' and cleanout to PBTD at +/- 4700'. Blow well dry.

16. Test well for air.

17. Run production tubing as follows:

3' Mule shoe, expendable check, 1.18" F Nipple, 4' pup joint, and 1.66" x 1.38" ID 2.33 #/ft IJ tubing to surface. Once tubing is landed pump out expendable check.

18. Niple down BOP's and NU Wellhead.

19. Return well to production as commingled MV and Chacra.

Richard W. Pomrenke

Production Engineer-Consultant

Capital Deployment Well Work

WL 19.113

281-366-5023 office

281 455 8449 cell

Warren LS 2 B

Sec 12, T28N, R9W

API # 30-045-31969

GL: 5745'

History:

Completed in MV in 6/04

8-5/8", 20# J-55 @ 342'

256 sxs cmt

circulated cement to surface

TOC at surface

cir 21 bbls of cmt to surface

5-1/2", 15.5#, J-55, @ 1843'

198 sxs cmt lead and 60 sxs tail

TOC @ approx 1100' (CBL)

Mesaverde Perforations

3743' - 3873' w/ 67,963 #'s 16/30 sand

4407' - 4525' w/ 67,120 #'s 16/30 sand

2-7/8", 6.5#, J-55, @ 4819'

141 sxs cmt

PBTD: 4700'

TD: 4823'