

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.

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. NMSF078513	
2. Name of Operator BP AMERICA PRODUCTION CO		6. If Indian, Allottee or Tribe Name	
3a. Address P. O. BOX 3092 HOUSTON, TX 77253		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700		8. Well Name and No. ARNAUD A 1S	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T32N R9W NESE Lot 9 2280FSL 905FEL 36.59000 N Lat, 107.47800 W Lon		9. API Well No. 30-045-31430-00-S1	
		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL	
		11. County or Parish, and State SAN JUAN COUNTY, NM	

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 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 Workover Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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.)

BP America spud this well 7/11/03 and completed 7/19/03.

On 10/20/03 BP requested to cavitate open-hole section & run 5 1/2" liner.
In addition BP added perfs in Basin Fruitland Coal (same sand).
Well returned to production 11/26/03 at 830 MCFD.

Please see attached completion report.

ENTERED
AFMSS
JAN 28 2004
BY *[Signature]*

14. I hereby certify that the foregoing is true and correct. Electronic Submission #25651 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by MATTHEW HALBERT on 01/22/2004 (04MXH1088SE)	
Name (Printed/Typed) CHERRY HLAVA	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 12/03/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	MATTHEW HALBERT Title PETROLEUM ENGINEER	Date 01/28/2004
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 Farmington

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.

ARNAUD A 1S
CAVITATION COMPLETION
30-045-31430

11/8/03 RIG UP.

11/9/03 BLED 680 PSI OFF WELL. NU BOP. SICP 680 PSI. PRESS TEST 2 3/8" PIPE RAMS. NO TEST - FIX LEAKS. INSTL 2-WAY CHECK IN TBG HANGER & PRESS TEST BLIND RAMS. FIX LEAKS. PRESS TEST BLIND RAMS. FIX LEAKS. CHNG OUT 4" DISCHARGE HOSE CONNECTIONS. CHNG PIPE RAMS RUBBERS. PRESS TEST BOP BLIND RAMS @ 250 PSI LOW & 1500 PSI HIGH. FIX LEAKS.

11/10/03 PRESS TEST BLIND RAMS, 2 3/8" PIPE RAMS, 4" HCR & MANUAL, CHOKE LINE & MANIFOLD, KILL LINE TO 250 PSI LOW FOR 5 MIN. & 1500 PSI HIGH FOR 10 MIN. BLW WELL DN. LAY DN TBG. CHANGE OUT LEAKING HYDRAULIC HOSE. INSTALL BACK-UP PORTABLE GENERATOR.

11/11/03 PU PKR & SET @20'. PRESSURE TEST 3 1/2" PIPE RAMS TO 250 PSI LOW & 1500 PSI HIGH. RELEASE PKR & LAY DN. ALIGN BOP. CHNG INNOVATOR STRIPPER RUBBER. TIH TAG @3739'. C/O BRIDGES & FILL USING 1800 CFM OF AIR MIST & FOAM. TAG JUNK ON BTM @3977'. CIRC LARGE VOLUMES OF WTR WHILE CLEANING OUT TO 3853'. CIRC 30 MIN. W/AIR TO DRY WELL. TOH TO 3651'. LAY DN DP POSITION BIT INSIDE CSG ABOVE SHOE. SHOE @3401'. FLW TST THROUGH 3/4" CHOKE. CHANGED GAUGES FROM 200 PSI TO 1000 PSI. SI FOR PRESSURE BUILD UP. RELEASE PRES FROM WELL THROUGH BLOOIE LINES. SI FOR PRES BUILD UP FOR 30 MIN. THEN SI. RELEASE NATURAL BUILD PRESSURE TO BLW PIT. FLW BACK BLACK DUST. CAVITATIONS w/BIT AT CSG SHOE.

#1 600 PSI FLW BACK = CLEAN SOAPY WTR.

#2 880 PSI FLW BACK = CLEAN SOAPY WTR

#3 1200 PSI FLW BACK = CLEAN SOAPY WTR. TIH w/DP TO CLEAN OUT. TAGGED @ 3750'.

11/12/03 TIH TAG BRIDGE @3750'. C/O TO 3977'. CIRC AT TD w/AIR ONLY TO REMOVE WTR. SI FOR 1 HR WAITING ON DAYLIGHT. CAVITATE WELL USING AIR MIST 5 TIMES. REACHED PRESSURES OF 1010, 1450, 1280, 1450, 1380 PSI. FLW BACKS CONSISTED OF WHITE SOAPY WTR & AIR. PERFORM 4 NATURAL CAVITATIONS WHILE WAITING ON BOOSTER TO BE REPAIRED. NATURAL CAVITATIONS SIP = 260 PSI (1 hr), 300 PSI, 500 PSI (1.5 hr). FLW BACKS CONSISTED OF BLACK SOAP WTR w/COAL FINES. 21' FLARE AFTER THE PRESSURES HAVE LOWERED & STABILIZED. FLW WELL TO PIT.

11/13/03 TIH TAG @3580'. C/O 3580' - 3868'. CIRC OUT LARGE VOL OF COAL, SOME SHALE. HOLE PACKED OFF. TOH TO 3682'. GOOD SHOW OF GAS. C/O TO TD. MORE COAL. GOOD SHOW GAS. TOH LAY DN SINGLES TO PLACE BIT INSIDE CSG. BIT @3372'. CAVITATE WELL 4 TIMES. CAVITATION #9 PRESSURE = 940 PSI. FLW BACK CONSISTED OF GREY SOAPY WTR, FOAM & GAS. #10 PRESSURE = 1020 PSI. FLW BACK LARGE VOL OF BLACK SLUDGE, SOAP WTR, WITH GOOD SHOW GAS. #11 PRESSURE = 1300 PSI. FLW BACK. FORMATION WTR, SOAP & GAS. C/O FORMATION. #12 PRESSURE = 1020 PSI. FLW BACK CONSISTED OF BLACK SOAPY WTR, GAS & FORMATION. CIRC w/AIR MIST - 1800 CFM AIR, 7 GALS OF SOAP/25 BW, 1 GAL INHIBITOR/25 BW, 1/2 GAL POLYMER/25 W, & WTR @17 BWP. CLEANED OUT 3549' - 3868'. CLEAN OUT 3868' - 3799'. BRIDGES @ 3845' & 3950'. USING 1800 CFM OF AIR, 17 BPH WTR, 7 GAL/25 BW, 1 GAL INHIBITOR/25 BW, .5 GAL OF POLYMER/25 BW. CIRC CLEANING OUT THE HOLE W/AIR MIST. TOH SI FOR PRES BUILD UP.

11/14/03 CAVITATE WELL 5 TIMES REACHING PRES OF 840, 940, 940, 940 & 980 PSI. GOOD SHOW OF GAS, COAL & WTR. 2 MORE CAVITIONS WERE MADE TO PRESSURES OF 1400 PSI BUT WERE INEFFECTIVE. TIH. C/O 3525' - 3977'. CIRC @ TD.

11/15/03 CIRC @3977' TO C/O WELLBORE. SHUT IN FOR PRESSURE BUILD UP 1 HR. SICP = 350 PSI. RELEASE PRESSURE – RETURNS CONSIST OF LARGE VOL OF COAL FINES. PERFORMED 8 AIR ASSISTED CAVITATIONS TODAY. REACHED PRESSURES OF 780 TO 800 PSI. THE FLW BACK CONSISTED OF LARGE VOL. OF HEAVY MIST, LARGE VOL OF COAL & GAS. BLW DN. TIH w/DC.

11/16/03 INSTALL NEW SAFETY LATCH ON BACK ROPE FOR DERRICKMAN USE. TIH. C/O 3965' – 3977'. CIRC HOLE w/AIR ONLY. CAVITATE 4 TIMES USING AIR MIST BY PRESSURING UP TO 700, 720, 1300, 780 PSI & IMMEDIATELY RELEASING THE PRESSURE TO THE BLOW PIT. VERY STRONG FLW BACKS OF COAL, WTR & GAS ON ALL CAVITATIONS w/EXCEPTION TO 2nd ONE – IT BRIDGED OFF DN HOLE. THE LAST 2 CAVITATIONS FLOWED BACK EXTREMELY STRONG. FORMATION GAS & WTR FOR 30 min. HAD STRAIGHT 30' TO 40' FLARE OUT EACH OF THE 7" BLOOIE LINES. FLW WELL TO CLEAN UP FORMATION.

11/17/03 FLW TEST WELL THROUGH ¾" CHOKE. RELEASE 240 PSI BUILD UP PRESSURE THEN CAVITATE WELL 4 TIMES. REACHED PRESSURES OF 620, 660, 670, 680 PSI USING 15 MIN. TO 30 MIN. INJECTION TIMES AFTER REACHING BREAKOVER POINT. LARG VOLUMES OF FORMATION COAL AND STRONG SHOW OF GAS. FLOW WELL. TIH TAG @3502'.

11/18/03 C/O TO TD. TOH LAY DN TBG. SI WELL FOR PRESSURE BLD UP. SI CP = 270 PSI. FINISH PRES UP TO 500 PSI w/AIR MIST TO PERFORM CAVITATIONS. PERFORMED 5 CAVITATIONS USING THIS METHOD. FLW BACK OF LIGHT COAL DUST, MED AMOUNTS WTR & 25' TO 30' FLARE. TIH TAG FILL @3820'. INSTALL PWR SWIVEL.

11/19/03 C/O TO TD. TAGGED BRIDGE @3836'. TOH TO CSG SHOE. PREPARE TO FLW TEST THROUGH ¾" CK. PERFORM 5 NATURAL & AIR ASSIST CAVITATIONS. FLW BACKS CONSISTED OF LIGHT DUST & LIGHT MIST. FLW TO PIT. FINISH PERFORMING 5 NATURAL CAVITATIONS. C/O TO TD. BRIDGES @3853', 3868', 3967', C/O TO 3977' TD. FLW TO PIT THROUGH BLOOIE LINES.

11/20/03 C/O. FLW ON TWO 2" LINES (20 PSI) ON WELL. RU CSG EQUIPMENT, MU LINER EQUIPMENT. TIH TAG FILL @3825'. RD PIPE SPINNERS. RU PS TO WASH BRIDGE. WASH THROUGH 15' BRIDGE. **TIH & SET 5 ½"; 15.50; GRADE J-55 LINER @3976' TOP @3314'.**

11/21/03 RU & RUN GR LOG 3974' TO 2950' SAFETY MEETING. KILL WELL w/100 bbls WTR. CIRC w/CHARGER PMP. WELL DEAD REMOVE LUBRICATOR, PICK-UP 3' TO SURVEY DAMAGED WIRE. REMOVE EXCESS WIRE. REPLACE LUBRICATOR. RD WIRELINE CUT 3000' OF BAD WIRE OFF. REHEAD WIRELINE. SDFN.

11/22/03 RU & TIH w/4" GUN & PERF FRUITLAND COAL w/4 JSPF **3382' to 3764'**

3690'-3694'; 3698'-3700'; 3762'-3764'; 3630'-3632'; 3638'-3642'; 3554'-3564'; 3572'-3574'; 3536'-3540'; 3542'-3552'; 3512'-3520'; 3522'-3524'; 3530'-3534'; 3494'-3500'; 3508'-3510'; 3474'-3478'; 3488'-3492'; 3404'-3406'; 3410'-3416'; 3422'-3432'; 3382'-3390'; 3394'-3396'. TOTAL OF 392 SHOTS. RD E-LINE EQUIPMENT RU STRIPPER HEAD. TIH & LAND TBG @3914. NU WH TEST TO 3000# GOOD.

11/23/03 RD UNIT & EQUIP. RELEASE RIG 3:00 HRS.

11/26/03 WELL RETURNED TO PRODUCTION AT 830 MCFD.