

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.

Lease Serial No.

NMSF 078390

6. If Indian, Allottee or tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well

☒

Gas Well

☐

Other

8. Well Name and No.

JONES A LS 5A

2. Name of Operator

BP America Production Company Attn: Cherry Hlava

9. API Well No.

30-045-23812

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)

1120' FNL & 1815' FWL Sec. 13 T28N, R08W NENW

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 P & A

☐

Change Plans

☐

Plug and Abandon

☐

Water Disposal

☐

Convert to Injection

☐

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 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.

BP America respectfully request permission to plug & abandon above mentioned well. Should you have any questions please contact Andrew Berhost @326-9208

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

ENTERED
AFMSS

NOV 08 2006

14. I hereby certify that the foregoing is true and correct
Name (Printed/typed)

Cherry Hlava

Title Regulatory Analyst

Signature

Cherry Hlava

Date 11/03/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Title

PO

Date

NOV 08 2006

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

F-90

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.

OPERATOR 8/11/21

SJ Basin Plug & Aband Procedure

Well Name: JONES A LS 5A
Location: Sec 13 T28N-R8W
County: San Juan
State: New Mexico
Horizon: DK

API #: 30-045-23812
Engr: Andrew Berhost
ph (505) 326-9208
mobile: (505) 486-0139
fax (505) 326-9262

Objective: P&A wellbore, Check liner top condition with downhole video, Pull tubing and junk, Locate TOC of current cement. Ensure interval isolation throughout wellbore.

1. TOH with completion string
2. RU Down Hole video to check liner top area.
3. Fish out tubing and packer.
4. Set CIBP.
5. Run CBL
6. Spot lower cement plugs. MV and CH.
7. Spot cement plug for PC/FT interval
8. Tag TOC w/ WL. Perforate for Ojo Alamo annular cement squeeze.
9. Squeeze Ojo Alamo interval and set tubular plug.
10. Tag TOC w/ WL. Perforate for surface annular cement squeeze.
11. Set surface interval plug.
12. Cut off wellhead – Set P&A marker.

History: Well completed as dual PC/MV well in 1980. Attempted to downhole commingle the well in 2003, but was unsuccessful at pulling packer. Packer was miss-identified as a 7" model F packer while the actual downhole packer was a 4-1/2" PBR full bore seal assembly landed 20' into the 4-1/2" liner. Well workover spend numerous days jarring, milling, and fishing around the liner top – suspect casing damage may have occurred in this area. The P&A rig intervention will attempt to utilize downhole video to identify the condition of the liner top and fish in the hole. It is desired to pull fish allow access to lower formation to properly plug well.

Pertinent Information: Gas BTU content for this well is 1221; Sp gr. is 0.7042. Last sample was taken 10/14/04. Venting and Flaring document needs to be followed if BTU content is above 950.

Procedure:

1. Contact BLM and NMOCD 24hrs before beginning P&A process to ensure scheduling of personnel to witness CBL results and cement placement.
2. 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 tubing string. WL Report shows tight spot in tubing at 3190' tagged with a 1.80" fluid finder. Will have to set dual barriers in the tubing @ 3190' or kill the well.
3. MIRU workover rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.

4. Blow down well. Kill with 2% KCL water ONLY if necessary.
5. 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.**
6. 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 (with casing flowing to blow tank) throughout workover.
7. Install stripping rubber, pull tubing hanger and shut pipe rams. Strip tubing hanger out of hole.
8. TOH with 2-3/8" production tubing currently set at 3255'. Visually inspect tubing while POOH.
9. RU air package/unit, pressure test all lines (Testing procedure to be supplied from air company), and TIH with 2-3/8" workstring to ~3000'-3200' and circulate hole clean. RD air unit. TOH with workstring.
10. RU E-Line and 1-11/16" downhole video system. Lower video camera to 3000'. Areas of interest are the 7" casing condition from 3000' – 3172'. Top of 4-1/2" liner at 3172' – top of fish at 3192' - and if possible run camera down the abandoned tubing from 3267' to bottom of tubing at 5562'. POOH with video set-up and RD E-Line. Review video results with Engineer, BLM, and NMOCD before proceeding with repair and plugging work. Some repair work around the liner top may be necessary before proceeding with the plugging procedure.
11. TIH with workstring and fishing tools to latch onto top of fish at 3267'. TOH with fish.
12. Round trip 4-1/2" casing scraper and bit w/ approved barrier to top of MV perforations at 4494'.
13. RU WL and set 4-1/2" CIBP 4450'.
14. Load hole with fluid (~150bbls). RU WL and Run CBL from surface to 2900' to check TOC behind 7" casing. Report results back to Engineer, BLM, and NMOCD. RD WL.
15. TIH w/ 2-3/8" workstring open ended to 4420' and pump and displace a 200' (17.9 cu ft) G-Class cement plug above the CIBP from 4250' - 4450'. This will cover the MV interval.
3945' - 3745'
16. PU to 3460' and displace a 200' (17.9 cu ft) G-Class cement plug from 3260' - 3460'. TOH with workstring. This will isolate the Chacra interval.
→ Plug from 3349' - 3122' to cover 7" casing shoe & 4 1/2" liner top.
17. Based on the results of the 7" CBL run it will be determined if cement will be required behind the 7" casing to cover the PC/FT formation. Expected cement top at 2400' based on temperature survey ran in 1980.
18. RIH to 2950' with work string. Pump and displace a 550' plug (125 cu ft) of G-Class cement from 2400' - 2950'. This will put cement across the PC and FT formations. TOH.
2454' - 3004'

19. RU WL unit and tag TOC at 2400'. RIH with perforating gun and shoot squeeze holes across the top of Ojo Alamo formation at ~~2025'~~ ^{2174'}.
20. RIH and set 7" cement retainer at ~~1975'~~ RD WL.
21. TIH with 2-3/8" workstring. Sting into cement retainer and squeeze Ojo Alamo with ~~30.1 cu~~ ft G-Class cement. PU one joint out of retainer and spot ~~200'~~ ^(45.5 cu ft) cement plug above the retainer from ~~1775'-1975'~~ ^{2174'-1920'}. This will put cement across all Ojo Alamo formation. TOH with workstring.
 → Plug from 587' - 487' to cover the Nacimiento to top.
22. RU WL unit and tag TOC at 1775'. RIH with perforating gun and shoot squeeze holes just below 9-5/8" casing shoe at ~~250'~~ ^{276'}.
23. RIH workstring with 7" packer to ~~200'~~. Set packer and circulate cement up casing and conductor casing annulus. Open the bradenhead and intermediate casing valves at surface and walk the cement squeeze to surface. POOH with packer.
24. RIH open-ended with 2-3/8" workstring to ~~200'~~. Spot cement to surface inside 7" casing. Leave casing full of cement.
25. ND BOP. Perform underground disturbance and hot work permits. Cut off tree.
26. Install 4' well marker and identification plate per NMOCD requirements.
27. RD and release all equipment. Remove all LOTO equipment.

Jones A LS 5A

Sec 13, T28N, R8W

API # 30-045-23812

GL: 6363'

History:

Completed as MV/PC dual in May 1980
 Packer Stuck downhole 2003 DHC

Pictured Cliffs Perforations

2970' - 3085' (71 holes)
 - frac'd w/ 60,000#'s sand

Tight Spot 3190'

PBR seal assembly 4-1/2" originally set @ 3192"
 Milled on in 2003 DHC and slipped @ 3267'

Mesaverde Perforations

4494' - 5097' w/ 63,500# sand
 5161' - 5617' w/ 73,500# sand

est. TOC @ surface (circ)

9-5/8" 36# K55 @ 226'
 224 cu ft cmt (circulated)

Est. TOC @ 2400' (1980 temp surv)

Tubing: 2-3/8" 4.7#, J55 8rd @ 3255'

4-1/2" liner hanger @ 3172'

7" 20#, K55 @ 3299'
 289 cu ft cmt

Est. TOC @ TOL' (reversed out cmt)

2-3/8" 4.7# J-55, @ 5562'

4-1/2" liner K55 @ 5631'
 431 cu ft cmt

PBSD: 5624'

TD: 5635'

NOTES:

updated: 8/10/06 ADB

Proposed P&A Plug set.

Jones A LS #5A

Sec 13, T28N, R8W

API # 30-045-23812

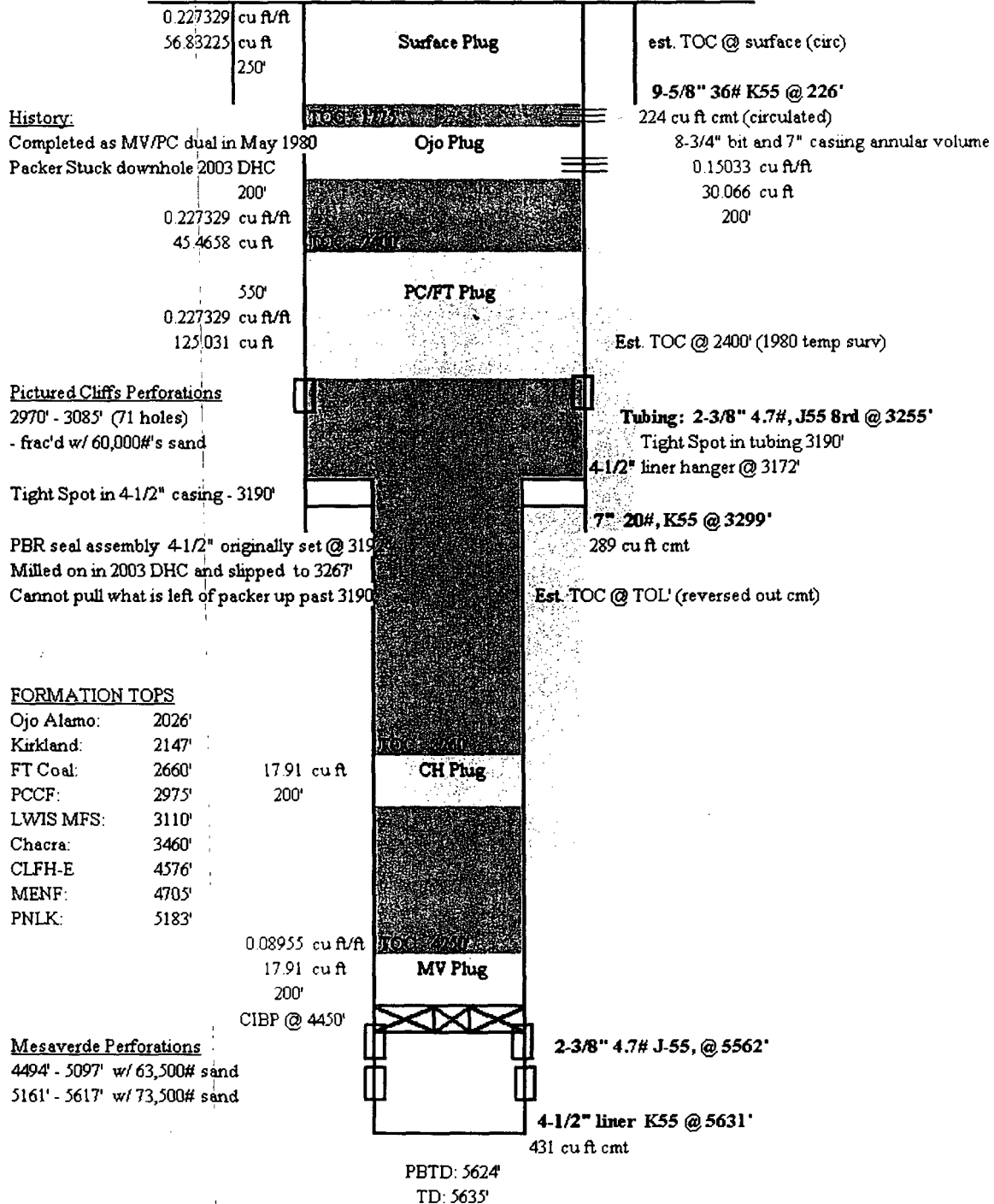
Total Wellbore Volume

0.040489 bbls/ft 7" casing

0.01595 bbls/ft 4-1/2" casing

148.8 bbls

GL: 6363'



NOTES:

updated: 8/10/06 ADB

BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). **Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice.**

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location.
2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils may be remediated on-site according to these guidelines or disposed of in an approved disposal facility.
3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" before seeding.
4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to detour vehicular travel. Access will be ripped to a minimum of 12" in depth and waterbarred prior to seeding. All erosion problems created by the development must be corrected prior to acceptance of release. Waterbars should be spaced as shown below:

% Slopes	Spacing Interval
Less than 20%	200'
2 to 5%	150'
6 to 9%	100'
10 to 15%	50'
Greater than 15%	30'

All water bars should divert to the downhill side of the road.

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required).
6. Notify Surfacing Managing Agency seven (7) days prior to seeding so that they may be present for that option.
7. The period of liability under the bond of record will not be terminated until the lease is inspected and the surface rehabilitation approved.

Other SMA's may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, we should be provided with a letter from the fee owner stating that the surface restoration is satisfactory.

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON FIELD OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of

Re: Permanent Abandonment

Intention to Abandon:

Well: 5A Jones A LS

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made:

- a) Place the Chacra plug from 3945' – 3745'.
- b) Place a cement plug from 3349' – 3122' to cover the 7" casing shoe & the 4 ½" liner top.
- c) Place the Pictured Cliffs/Fruitland plug from 3004' - 2454'.
- d) Place the Kirtland/Ojo Alamo plug from 2174' - 1920' inside and outside the 7" casing.
- e) Place the Nacimiento plug from 587' – 487' inside and outside the 7" casing.
- f) Place the Surface plug from 276' – surface inside and outside the 7" casing.

You are also required to place cement excesses per 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

**GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON FIELD OFFICE**

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densimeter/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.

5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.

5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.

6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H₂S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), five copies, with the Field Manager, Bureau of Land Management, 1235 La Plata Highway, Suite A, Farmington, NM 87401. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.