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 District I - (575) 393-6161  
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 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

OIL CONS. DIV. DIST. 3  
 FEB 05 2018

Form C-103  
 Revised July 18, 2013

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		WELL API NO. 30-045-08851 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> 6. State Oil & Gas Lease No.
2. Name of Operator BP America Production Company- L48		7. Lease Name or Unit Agreement Name Allen A
3. Address of Operator 1515 Arapahoe St, Tower 1. Suite 700 Denver, CO 80202		8. Well Number 1
4. Well Location Unit Letter <u>D</u> : <u>790</u> feet from the <u>North</u> line and <u>790</u> feet from the <u>West</u> line Section <u>01</u> Township <u>29N</u> Range <u>12W</u> NMPM <u>San Juan</u> County		9. OGRID Number 000778
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5906'		10. Pool name or Wildcat Basin Dakota

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK  PLUG AND ABANDON   
 TEMPORARILY ABANDON  CHANGE PLANS   
 PULL OR ALTER CASING  MULTIPLE COMPL   
 DOWNHOLE COMMINGLE   
 CLOSED-LOOP SYSTEM   
 OTHER:

SUBSEQUENT REPORT OF:

- REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  P AND A   
 CASING/CEMENT JOB   
 OTHER:

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP requests to P&A the subject well. Please see the attached P&A procedure and wellbore diagram.

Spud Date:  Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Toya Colvin TITLE Regulatory Analyst DATE 1/29/2018

Type or print name Toya Colvin E-mail address: Toya.Colvin@bp.com PHONE: 281-892-5369

APPROVED BY: [Signature] TITLE SUPERVISOR DISTRICT #3 DATE 2-27-2018

COPI: Extend top of plug #2 to 5635'  
 Extend bottom of plug #3 to 4833'  
 Change plug #4 to 3710'-3610'  
 Change plug #5 to 3150'-3050'  
 Change plug #7 to 1787'-1687'  
 Extend top of plug #8 to 550'

## PLUG AND ABANDONMENT PROCEDURE

1/11/18

### Allen A #1

Basin Dakota

790' FNL, 790' FWL, Section 1, T29N, R12W, San Juan County, New Mexico

API 30-045-08851/ Long \_\_\_\_\_ / \_\_\_\_\_

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project will use an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes \_\_\_\_\_, No X, Unknown \_\_\_\_\_.  
Tubing: Yes X, No \_\_\_\_\_, Unknown \_\_\_\_\_, Size 2-3/8", Length 6672'.  
Packer: Yes \_\_\_\_\_, No X, Unknown \_\_\_\_\_, Type \_\_\_\_\_.  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or a CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.**
5. **Plug #1 (Dakota top, 6468' – 6368')**: Round trip gauge ring to 6468' or as deep as possible. Set 4.5" CR at 6468'. Load casing with water and circulate well clean. Pressure test casing to 800#. **If the casings do not test, then spot or tag subsequent plugs as appropriate.** Circulate well clean. Mix 12 sxs Class B cement and isolate the Dakota interval. PUH.
6. **Plug #2 (Gallup top, <sup>5776 - 5635'</sup>~~5776' – 5676'~~)**: Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. TOH.
7. **Plug #3 (Mancos top, <sup>4883'</sup>~~4785' – 4685'~~)**: Perforate 3 squeeze holes at 4785'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4.5" cement retainer at 4735'. Establish rate into squeeze holes. Mix and pump 51 sxs Class B cement, squeeze 39 sxs outside the casing and leave 12 sxs inside casing to cover the Mancos top. PUH.
8. **Plug #4 (Mesaverde top, <sup>3710' - 3610'</sup>~~4160' – 4060'~~)**: Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde top. TOH with tubing.

9. **Plug #5 (Chacra top, 3426' - <sup>3150-3080'</sup>3326')**: Perforate 3 squeeze holes at 3426'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4.5" cement retainer at 3376'. Establish rate into squeeze holes. Mix and pump 51 sxs Class B cement, squeeze 39 sxs outside the casing and leave 12 sxs inside casing to cover the Chacra top. PUH.
10. **Plug #6 (Pictured Cliffs top, 2108' - 2008')**: Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Pictured Cliffs top. TOH with tubing.
11. **Plug #7 (Fruitland tops, <sup>1787'-1687'</sup>4525' - 1425')**: Perforate 3 squeeze holes at 1525'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4.5" cement retainer at 1475'. Establish rate into squeeze holes. Mix and pump 51 sxs Class B cement, squeeze 39 sxs outside the casing and leave 12 sxs inside casing to cover the Fruitland tops. TOH with tubing.
12. **Plug #8 (Kirtland and Ojo Alamo tops, <sup>550'</sup>875' - 575')**: Perforate 3 squeeze holes at 875'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4.5" cement retainer at 825'. Establish rate into squeeze holes. Mix and pump 144 sxs Class B cement, squeeze 116 sxs outside the casing and leave 28 sxs inside casing to cover the Kirtland and Ojo Alamo tops. PUH.
13. **Plug #9 (8.625" casing shoe top, 314' - 214')**: Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the casing shoe. TOH and LD tubing.
14. **Plug #10 (Surface, 100' - 0')**: Perforate 4 squeeze holes at 100'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 35 sxs cement and pump down the 4.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
15. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. Cut off anchors and clean up location. Restore location per BLM stipulations.

# Allen A #1 Proposed P&A Basin Dakota

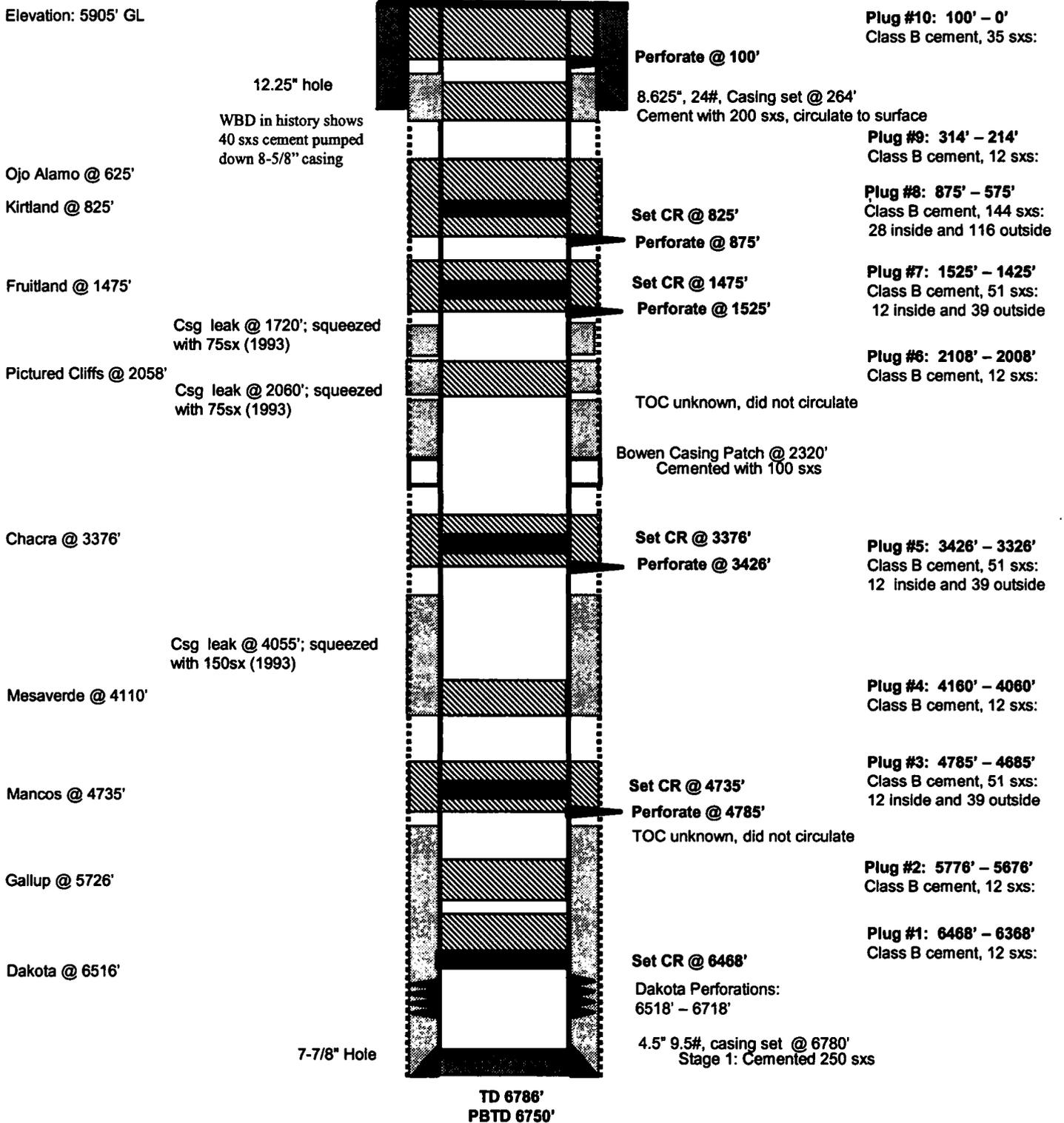
Today's Date: 1/11/18

790' FNL, 790' FWL, Section 1, T-29-N, R-12-W, San Juan County, NM

Spud: 3/13/61  
Completion: 5/22/61

Lat: \_\_\_\_\_ N / Lat: \_\_\_\_\_ W, API #30-045-08851

Elevation: 5905' GL



**Plug #10: 100' - 0'**  
Class B cement, 35 sxs:

**Perforate @ 100'**

8.625", 24#, Casing set @ 264'  
Cement with 200 sxs, circulate to surface

**Plug #9: 314' - 214'**  
Class B cement, 12 sxs:

12.25" hole  
WBD in history shows  
40 sxs cement pumped  
down 8-5/8" casing

Ojo Alamo @ 625'

Kirtland @ 825'

**Set CR @ 825'**

**Perforate @ 875'**

**Plug #8: 875' - 575'**  
Class B cement, 144 sxs:  
28 inside and 116 outside

Fruitland @ 1475'

**Set CR @ 1475'**

**Perforate @ 1525'**

**Plug #7: 1525' - 1425'**  
Class B cement, 51 sxs:  
12 inside and 39 outside

Csg leak @ 1720'; squeezed  
with 75sxs (1993)

Pictured Cliffs @ 2058'

Csg leak @ 2060'; squeezed  
with 75sxs (1993)

TOC unknown, did not circulate

**Plug #6: 2108' - 2008'**  
Class B cement, 12 sxs:

Bowen Casing Patch @ 2320'  
Cemented with 100 sxs

Chacra @ 3376'

**Set CR @ 3376'**

**Perforate @ 3426'**

**Plug #5: 3426' - 3326'**  
Class B cement, 51 sxs:  
12 inside and 39 outside

Csg leak @ 4055'; squeezed  
with 150sxs (1993)

Mesaverde @ 4110'

**Plug #4: 4160' - 4060'**  
Class B cement, 12 sxs:

Mancos @ 4735'

**Set CR @ 4735'**

**Perforate @ 4785'**

**Plug #3: 4785' - 4685'**  
Class B cement, 51 sxs:  
12 inside and 39 outside

TOC unknown, did not circulate

Gallup @ 5726'

**Plug #2: 5776' - 5676'**  
Class B cement, 12 sxs:

Dakota @ 6516'

**Set CR @ 6468'**

Dakota Perforations:  
6518' - 6718'

**Plug #1: 6468' - 6368'**  
Class B cement, 12 sxs:

4.5" 9.5#, casing set @ 6780'  
Stage 1: Cemented 250 sxs

7-7/8" Hole