

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO.
30-045-28170

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Gallegos Canyon Unit

8. Well Number

509

9. OGRID Number

000778

10. Pool name or Wildcat

West Kutz Pictured Cliffs

SUNDRY NOTICES AND REPORTS ON WELLS

(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 ☐ Gas Well ☒ Other

2. Name of Operator

BP America Production Company

3. Address of Operator

**737 North Eldridge Pkwy
Houston, TX 77079**

4. Well Location

Unit Letter **D** : **978** feet from the **North** line and **1148** feet from the **West** line

Section **28** Township **29N** Range **12W** NMPM County **San Juan**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 America Production Company respectfully requests to P&A the subject well. Please see the attached P&A procedure including wellbore diagrams.

OIL CONS. DIV DIST. 3

Spud Date: **01/06/1991**

Rig Release Date: **SEP 14 2015**

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 **09/08/2015**

Type or print name **Toya Colvin** E-mail address: **Toya.Colvin@bp.com** PHONE: **281-366-7148**

For State Use Only

DEPUTY OIL & GAS INSPECTOR

APPROVED BY: *Bob Roll* TITLE **DISTRICT #3** DATE **10/8/15**

Conditions of Approval (if any):

5 KC

September 8, 2015

NMOCD

BP would like to permanently abandon the **Gallegos Canyon Unit #509** well, as per the proposed procedure and wellbore sketches.

PLUG AND ABANDONMENT PROCEDURE

West Kutz Pictured Cliffs
978' FNL and 1148' FWL, Section 28, T29N, R12W
San Juan County, New Mexico / API 30-045-28170
Lat: 36.702224 / Lat: -108.109710

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 ☒ , Unknown ☐ .
Tubing: Yes ☒ , No ☐ , Unknown ☐ , Size 2.375" , Length 1211' .
Packer: Yes ☐ , No ☒ , Unknown ☐ , Type .
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Pictured Cliffs interval and Fruitland top, 1222' – 893')**: Round trip gauge ring or mill to 1222', or as deep as possible. PU and TIH with 4.5" cement retainer, set at 1222'. Pressure test tubing to 1000 PSI. *Pressure test casing to 800 PSI. If casing does not test, then spot or tag subsequent plug as appropriate.* Mix and pump 29 sxs Class B cement above CR to isolate the Pictured Cliffs interval and cover the Fruitland top. PUH.
4. **Plug #2 (Kirtland top and Surface Casing shoe, 233' to Surface)**: Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 25 sxs Class B cement and spot a balanced plug inside the casing from 233' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the

BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the 4.5" casing and the BH annulus to surface. Shut well in and WOC.

5. ND BOP and cut off wellhead below surface casing flange. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Gallegos Canyon Unit #509

Current

West Kutz Pictured Cliffs

978' FNL, 1148' FWL, Section 28, T-29-N, R-12-W,

San Juan County, NM / API #30-045-28170

Lat _____ / Long _____

Today's Date: 09/08/15

Spud: 1/6/91

Completed: 2/18/91

Elevation: 5329' GI

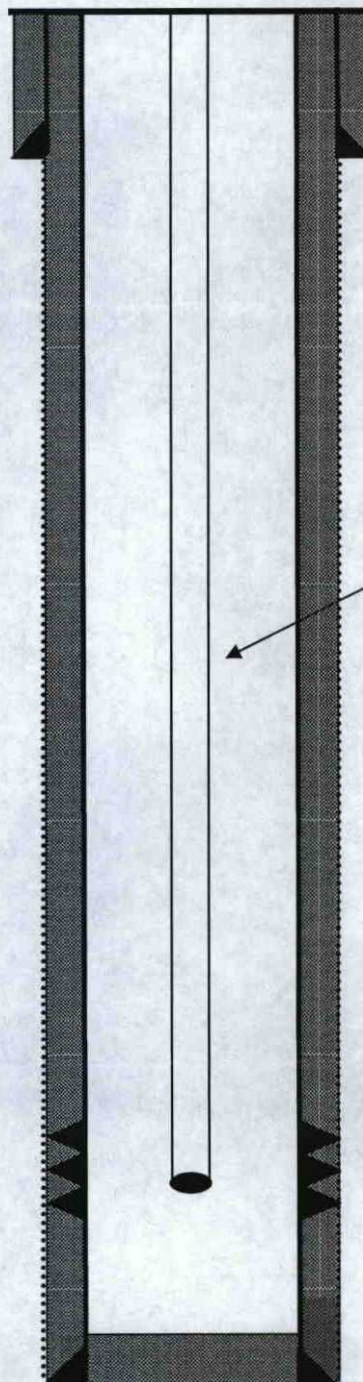
Kirtland @ 183'

Fruitland @ 933'

Pictured Cliffs @ 1272'

8-3/4" hole

6.25" hole



TOC @ Surface, circulated 18 bbls
To surface per sundry

7" 20#, K-55 Casing set @ 130'
Cement with 125 sxs (Circulated to Surface)

42 jts 2.375" tubing at 1211' KB

Pictured Cliffs Perforations:
1273' - 1289'

4.5", 10.5#, J-55 Casing set @ 1412'
Cement with 280 sxs (351 cf)
Circulate cement to surface

TD 1415'
PBTB 1363'

Gallegos Canyon Unit #509

Proposed P&A

West Kutz Pictured Cliffs

978' FNL, 1148' FWL, Section 28, T-29-N, R-12-W,

San Juan County, NM / API #30-045-28170

Lat _____ / Long _____

Today's Date: 09/08/15

Spud: 1/6/91

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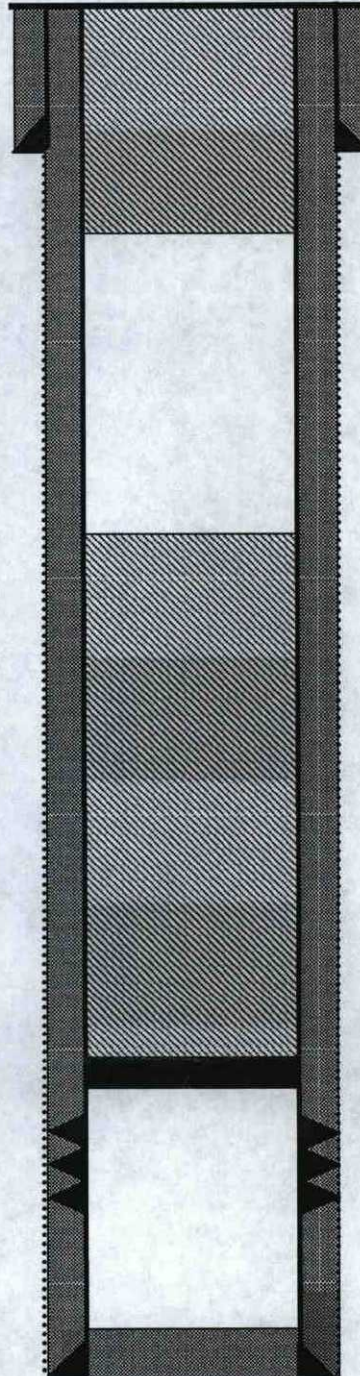
8-3/4" hole

Kirtland @ 183'

Fruitland @ 933'

Pictured Cliffs @ 1272'

6.25" hole



TOC @ Surface, circulated 18 bbls
To surface per sundry

7" 20#, K-55 Casing set @ 130'
Cement with 125 sxs (Circulated to Surface)

Plug #2: 233' - 0'
Class B cement, 25 sxs

Plug #1: 1222' - 893'
Class B cement, 29 sxs

Set CR @ 1222'

Pictured Cliffs Perforations:
1273' - 1289'

4.5", 10.5#, J-55 Casing set @ 1412'
Cement with 280 sxs (351 cf)
Circulate cement to surface

TD 1415'
PBTD 1363'