

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.

5. Lease Serial No.
NMSF078040

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
SW459

8. Well Name and No.
GELBKE COM 1

9. API Well No.
30-045-20157-00-C1

10. Field and Pool or Exploratory Area
BASIN DAKOTA
BLANCO MESAVERDE

11. County or Parish, State
SAN JUAN COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
BP AMERICA PRODUCTION COMPANY
Contact: TOYA COLVIN
Email: Toya.Colvin@bp.com

3a. Address
501 WESTLAKE PARK BLVD. THREE ELDRIGE PLACE
HOUSTON, TX 77079
3b. Phone No. (include area code)
Ph: 281.892.5369

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 11 T31N R11W NWSW 1710FSL 1155FWL
36.910650 N Lat, 107.964080 W Lon

12. CHECK THE 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"/> Hydraulic Fracturing	<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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Please see the attached P&A operations performed on the subject well February 2018.

SW459

NMOCB
MAR 02 2018
DISTRICT III

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #405533 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by JACK SAVAGE on 02/27/2018 (17AE0308SE)**

Name (Printed/Typed) TOYA COLVIN Title REGULATORY ANALYST

Signature (Electronic Submission) Date 02/23/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED** Title JACK SAVAGE
PETROLEUM ENGINEER Date 02/27/2018

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCB *AV*

Plug And Abandonment Report

Gelbke Com 1

1710' FSL & 1155' FWL, Section 11, T31N, R11W

San Juan County, NM / API 30-045-20157

Work Summary:

- 2/5/18** Made BLM, and NMOCD P&A operations notifications at 9:00 AM MST.
- 2/6/18** MOL and R/U P&A unit. Checked well pressures: Tubing: 300 psi, Casing: 80 psi, Bradenhead: 70 psi. Bled down well. Killed well with 15 bbl of fesh water. N/D wellhead and N/U BOP and function tested. TOH with production tubing. The production string had to be laid down because of the condition of the string. P/U casing scraper and 28 joints of tubing off of tubing float. Shut-in well for the day.
- 2/7/18** Checked well pressures: Tubing 65 psi, Casing: 55 psi, Bradenhead: 80 psi. Bled down well. Continued picking up workstring off of tubing float and round tripped casing scraper above top perforation at 7190'. P/U CR, TIH and set at 7131'. Attempted to pressure test tubing and CR acted as if there was a faulty valve. Stung out of CR and shut-in well for the day.
- 2/8/18** Checked well pressures: Tubing: On suck, Casing: 55 psi, Bradenhead: 0 psi. Bled down well. Attempted to load and circulate hole. Pumped 130 bbls and never got returns to surface. Stacked out on CR at 7131' to assure it set in place. As a result of the loss of fluid and CR not testing tubing a second CR was run and set above the first CR at 7101'. Tested tubing to 1000 psi in which it successfully held pressure. Stung out of CR and attempted to load and circulate the hole for a second time. Pumped 260 bbls of fesh water without returns at surface. Shut-in well for the day.
- 2/9/18** Checked well pressures: Tubing: 30 psi, Casing: 45 psi, Bradenhead: 0 psi. Bled down well. POOH with workstring. R/U wireline services. Ran CBL from CR at 7101' to approximately the bottom of the Mesa Verde perforations at 5290'. R/D wireline services. TIH to spot plug #1 on top of CR at 7101'. R/U cementing services and pumped **Plug**

#1: (Dakota Perforations and Formation Top 7101'-6775', 20 Sacks Class G Cement) Mixed 20 sx Class G cement and spotted a balanced plug to cover Dakota perforations and formation top. Shut-in well for the day. WOC overnight. Dustin Porch was BLM inspector on location.

2/10/18 Checked well pressures: Tubing: 30 psi, Casing: 45 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 6775'. R/U cementing services and pumped **Plug #2:** (Gallup Formation Top 6462'-6215', 18 Sacks Class G Cement) Mixed 18 sx Class G cement and spotted a balanced plug to cover Gallup formation top. WOC 4 hours. TIH and tagged plug #2 top at 6215'. R/U cementing services and pumped **Plug #3:** (Mancos Formation Top 5567'-5255', 18 Sacks Class G Cement) Mixed 18 sx Class G cement and spotted a balanced plug to cover Mancos formation top. Shut-in well for the day. WOC overnight. Dustin Porch was BLM inspector on location.

2/11/18 Checked well pressures: Tubing: 40 psi, Casing: 40 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #3 top at 5255'. TOH and P/U CR. TIH and set CR at 4227'. Circulated hole clean with 80 bbl fresh water. Pressure tested casing to 800 psi in which it failed to hold pressure. R/U wireline services. Ran CBL from CR at 4227' to surface. Sent CBL log to BLM and NMOCD for review. R/U cementing services and pumped **Plug #4:** (Mesa Verde Perforations and Formation Top 4227'-4033', 15 Sacks Class G Cement) Mixed 15 sx Class G cement and spotted a plug on top of CR at 4227' to cover Mesa Verde perforations and formation top. Shut-in well for the day. WOC overnight. Dustin Porch was BLM inspector on location.

2/12/18 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #4 top at 4033'. Pressure tested casing to 800 psi in which it successfully held pressure. TOH with tubing. R/U wireline services. RIH and perforated squeeze holes at 3540'. Circulated hole clean with 75 bbl of fresh water. P/U CR, TIH and set at 3490'. R/U cementing services and pumped **Plug #5:** (Chacra and Pictured Cliffs Formation Tops 3540'-3390', 39 Sacks Class G Cement) RIH and perforated 3 squeeze holes at 3540'. Mixed 39 sx Class G cement. Squeezed 31 sx outside casing leaving 8 sx inside casing to cover Chacra and Pictured Cliffs formation tops. POOH with tubing. R/U wireline services. RIH and perforated at 3050'. P/U CR, TIH and set at 3009'. R/U cementing services and pumped **Plug #6:** (Intermediate Casing Shoe 3050'-2720', 52 Sacks Class G Cement. Mixed 52 sx Class G cement. Squeezed 30 sx outside casing leaving 22 sx inside casing to cover Intermediate Casing Shoe. Shut-in well for the day. Dustin Porch was BLM inspector on location.

2/13/18 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U wireline services. RIH and perforated 2426'.

P/U CR, TIH and prematurely set at 800'. PUH with CR and sheared from setting tool at 600'. P/U 6 3-1/8" drill collars and milled-out CR and pushed down hole past 2426'. TOH and L/D drill collars and junk mill. TIH with new CR and set at 2380'. R/U cementing services and pumped **Plug #7:** (Fruitland Formation Top 2426'-2276', 27 Sacks Class G Cement) Mixed 27 sx Class G cement. Squeezed 19 sx outside casing leaving 8 sx inside casing to cover Fruitland formation top. Shut-in well for the day. Dustin Porch was BLM inspector on location.

2/14/18

Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. R/U wireline services. RIH and perforated at 1090'. P/U CR, TIH and set at 1040'. R/U cementing services and pumped **Plug #8:** (Kirtland and Ojo Alamo Formation Tops 1090'-840', 27 Sacks Class G Cement) Mixed 27 sx Class G cement. Squeezed 19 sx outside casing leaving 8 sx inside casing to cover Kirtland and Ojo Alamo formation tops. Loaded Bradenhead with 8 bbl of fresh water and attempted to pressure test to 300 psi but it failed to hold pressure. R/U wireline services. RIH and perforated at 175'. R/U cementing services. **Plug #9:** (Surface Shoe 175'-surface, 79 Sacks Class B Cement, 40 Sacks for top-off) Successfully circulated cement around Bradenhead and back to surface. N/D BOP and cut-off wellhead. Ran tally tape down hole and tagged cement at 89' inside surface casing. RIH with 3/4" poly pipe and pumped 16 bbls of cement down 3/4" poly pipe and topped off well. Installed P&A marker per BLM & NMOCD regulations. RD MOL. Dustin Porch was BLM inspector on location.

Wellbore Diagram

Gelbke COM 001
 API #: 3004520157
 San Juan, New Mexico

Plug 9
 175 feet - Surface
 175 feet plug
 79 sks of cement
 40 sks of cement for top off

Plug 8
 1090 feet - 840 feet
 250 feet plug
 Squeeze 19 sks of cement
 Leave 8 sks inside casing

Plug 7
 2426 feet - 2276 feet
 150 feet plug
 Squeeze 19 sks of cement
 Leave 8 sks inside casing

Plug 6
 3050 feet - 2720 feet
 330 feet plug
 Squeeze 30 sks of cement
 Leave 22 sks inside casing

Plug 5
 3540 feet - 3390 feet
 150 feet plug
 Squeeze 31 sks of cement
 Leave 8 sks inside casing

Plug 4
 4227 feet - 4033 feet
 194 feet plug
 15 sacks of Class G Cement

Plug 3
 5567 feet - 5255 feet
 312 feet plug
 18 sacks of Class G Cement

Plug 2
 6462 feet - 6215 feet
 247 feet plug
 18 sacks of Class G Cement

Plug 1
 7101 feet - 6775 feet
 326 feet plug
 20 sacks of Class G Cement

Surface Casing
 9-5/8" 32# @ 700 ft

Intermediate Casing
 7" 20# @ 3200 ft

Formation
 Mesaverde - 4505 feet
 Mancos - 5510 feet
 Gallup - 6410 feet
 Greenhorn - 7062 feet
 Graneros - 7118 feet
 Dakota - 7171 feet

Retainer Set at 7101 ft

Production Casing
 4.5" 10.5# @ 7396 ft

