

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.
NMSF078904

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
GCU 232

9. API Well No.
30-045-11630-00-S1

10. Field and Pool or Exploratory Area
WEST KUTZ PICTURED CLIFFS

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 Contact: PATTI CAMPBELL
BP AMERICA PRODUCTION COMPANY Mail: patti.campbell@bpx.com

3a. Address
1199 MAIN AVE. SUITE 101
DURANGO, CO 81301

3b. Phone No. (include area code)
Ph: 970-712-5997

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 26 T28N R12W SWSW 1190FSL 0990FWL
36.629230 N Lat, 108.086170 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 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 must 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 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.

The subject well was plugged and abandoned on 10/15/18 per the attached Final P&A report and Plugged Well Diagram.

NMOC

NOV 15 2018

DISTRICT III

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

**Electronic Submission #443769 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 11/13/2018 (18JWS0151SE)**

Name (Printed/Typed) PATTI CAMPBELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 11/12/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**

JACK SAVAGE
Title PETROLEUM ENGINEER

Date 11/13/2018

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 ****

NMOC

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B P American
Production Company

P.O. Box 1089
Eunice, NM 88231

P.O. Box 1979, Farmington, NM 87499
(505) 325-2627

Name: GCU 232
API:30-045-11630, 10/18/2018

Well Plugging Report

Cement Summary

Plug #1 - Mix and Pump 88sxs (1.15 yield, 15.8 ppg, 101.2 cuft) Class G Cement from 1,640' - 1,124' TOC w/ 55 sxs below CR, w/ 33 sxs above CR.

Plug #2 - (Kirtland) Mix and pump 59sxs (67.85cf, 15.8ppg) Class G cement, leaving 4 sxs below the CR and 55 sxs out in the open hole.

Plug#3 - Mix and Pump 68sxs (1.15 yield, 15.8 ppg, 78.2 cuft) Class G Cement from 543' - Surface with good Cement returns.

Work Detail

PUX	Activity
10/04/2018	
P	Travel to Location with Rig and Cement Equipment.
P	Spot in, Rig Up Daylight Pulling Unit and Cement Equipment.
P	Secure Location and shut down for day.
10/05/2018	
P	Conduct JSA. Check Well Pressures; 2-3/8" TBG - 0 PSI, 4.5" CSG - 35 PSI, 8-5/8" Surface CSG - 60 - PSI. RU Relief Lines and blow Well down. NOTE: BH Blew down immediately.
P	X-over for Rods. Pick up on Rod String and unseat Pump (no pump Jack on location, rod string hanging on top B-1 adapter). TOOH and lay down Polish Rod with Stuffing Box, (1) 2' x 3/4" Sub, (1) 8' x 3/4" Sub, (39) 3/4" Guided Rods, (23) 3/4" Slick Rods, (4) 1-1/2" K-Bars, (1) 4' Stabilizer, and Pump.
P	X-over for 2-3/8" TBG. Nipple Down Wellhead, Nipple Up BOP and conduct Function test. RU Work-Floor, pick up and Release TBG Hanger.
P	TOOH and Tally 54 JNTS 2-3/8" TBG, SN and 18' Mud Anchor (1,715'). NOTE: TBG had Scale.
P	TIH with 4.5" String Mill (Rio's), 50 JNTS 2-3/8" TBG and stack out at 1,569'. Use Tongs and rotate down 7' (possibly scale?).
X	TOOH with TBG and LD String Mill. TIH with 54 JNTS 2-3/8", pick up additional tag JNTS and Tag at 1,774'. LD TBG to 1,538' and TOOH with 24 Stands and a Single.
P	TIH with 4.5" CR & set @ 1,548'. Set CR and test TBG to 1,200 PSI, Test Good. Release from CR and establish Circulation with 22 BBLS, Circulate clean with additional 10 BBLS. Shut in CSG, attempt and unable to establish test. Sting into CR, Pump 15 BBLS w/ rate of 2 BBLS minute at 0 PSI.
X	Pumped Plug #1 .
X	Lay down TBG to 1,064', TOOH with 17 Stands and remove Stinger.
P	RU Pump onto Braden Head and fill with 1/2 BBL (calculates 12' down), attempt and unable to establish test. Pressures to 600 PSI and bleeds off to 400 PSI in two minutes. NOTE: When Pump Hose removed BH bubbling steady (discuss with BLM and decision made to run CBL Monday morning). Secure Location and

shut down for weekend.

10/08/2018

- P Conduct JSA. Check Well Pressures; 2-3/8" TBG - 0 PSI, 4.5" CSG - 35 PSI, 8-5/8" Surface CSG - 60 - PSI. RU Relief Lines and blow Well down.
NOTE: BH Blew down immediately.
- P TIH and tag TOC at 1054', TOOHL to 500' and continue out.
- P Load the hole with 4 bbl. RIH with A- Plus W-L to 1054' and log to surface. Interment cement from 1054' to 280'.
- P WOO. After discussing BH PSI with B. Powell with NMOCD approved perf at 635' and a CR at 600' + or - . KC Arnett with BLM also approved the plan. Plug #2 perfs at 635' and set CR at 600' leaving the CR uncapped. Leaving 4 sxs below and 46 to 87 sxs outside. Approved on 10-8-17 at 9:30 AM.
- P RIH with HSC to 635' and perf 3 holes at 635', POOH. Establish rate into the perfs at 2 bpm at 800 PSI.
- P PU 4-1/2" CR and TIH to 596', set the CR and sting out of the CR. Sting into and establish rate into the CR of 2 bpm at 800 psi. Premix 2 % CACL.
- P Pumped **Plug #2**. Displace the cement to the CR. Sting out PSI was 1500 PSI
- P TOOHL and LD the stinger.
- P WOO, Decided to WOC overnight do to the BH gas. Secure the well and SDFD.

10/09/2018

- P Conduct JSA. Check Well Pressures; 2-3/8" TBG - 0 PSI, 4.5" CSG - 0 PSI, 8-5/8" Surface CSG - 70 - PSI. RU Relief Lines and blow Well down.
NOTE: BH Blew down immediately.
- P Perform a 2 hour shut in as per B. Powell. At the end of 2 hours the BH PSI up to 28 PSI. Catch 2 gas samples.
- P RU A- Plus wire line, RIH with logging tool to 596' and log to surface. The log showed good CMT from 596' to 470'.
- P WOO. B. Powell received the CBL and the results from the gas samples. Based on results it was requested to leave the BH open till 5:30 PM and shut in for night. Secure the well.

10/10/2018

- P Conduct JSA. Check Well Pressures; 2-3/8" TBG - 0 PSI, 4.5" CSG - 0 PSI, 8-5/8" Surface CSG - 10 - PSI. RU Relief Lines and blow Well down.
NOTE: BH Blew down immediately.
- P Allow the BH to flow, per B. Powell with NMOCD.
- P Perform a 2 hour shut in as per B. Powell. At the end of 2 hours the BH PSI up to 10 PSI. After notifying B Powell about the results of the 2 hour shut in, he requested the BH be left open until tomorrow morning and perform another 2 hour shut in.
- P Dig out the WH.
- P Secure the location and SDFD.

10/11/2018

- P Conduct JSA. Check Well Pressures; 2-3/8" TBG - 0 PSI, 4.5" CSG - 0 PSI, 8-5/8" Surface CSG - 0 PSI. RU Relief Lines and blow Well down.
NOTE: BH Open overnight.
- P Perform a 2 hour shut in as per B. Powell. At the end of 2 hours the BH PSI up to 5 PSI. After notifying B Powell about the results of the 2 hour shut in, he requested the BH be left open until tomorrow morning and perform another 2 hour shut in.
- P Secure location and SDFD.

Return to yard.

10/12/2018

P Load Supplies and travel to Location.

P Conduct JSA. Check Well Pressures; 2-3/8" TBG - 0 PSI, 4.5" CSG - 0 PSI, 8-5/8" Surface CSG - 0 PSI. RU Relief Lines and blow Well down.
NOTE: BH Open overnight.

P Perform a 2 hour shut in as per B. Powell. At the end of 2 hours the BH PSI up to 3 PSI. After notifying B Powell about the results of the 2 hour shut in, he requested the BH be left open until Monday morning and perform another 2 hour shut in. Notify him with the results, he also said that if the PSI was 3 PSI or less we could possibly finish the P&A.

P Secure location and SDFD.

10/15/2018

X Conduct JSA. Check Well Pressures; 2-3/8" TBG - 0 PSI, 4.5" CSG - 0 PSI, 8-5/8" Surface CSG - open over Weekend.

X Perform 2 hour shut in on BH per Brandon Powell w/ BLM. At the end of 2 hours the BH showed 2 PSI, Notify NMOCD and BLM with results. Ok by both agencies to pump Surface and Cut Off.

P TIH with 17 JNTS 2-3/8" TBG and Sub up to 543' GL. Load 4.5" and circulate with 17 BBLS.

P Pumped **Plug #3**.

P Lay down remaining TBG. RD Work-floor, ND BOP. RU A-Plus Air Saw and Cut Off WH 4' below ground level. TOC in 4.5" at 4' down, TOC in 4.5" x 8-5/8" at 11' down. Install DHM Post, top off with 34sxs cement.

P Rig down Daylight Pulling Unit and Cement Equipment. Clean and move off Location. Final Tower Report. DHM - 36 degrees 37'46"N /108 degrees 5'11"W)

* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

On Site Reps:

Name	Association	Notes
KC Arnett	BLM	On Location
Notified 10/4/18	BLM	8:05 AM
Notified 10/4/18	NMOCD	8:00 AM

Gallegos Canyon Unit #232
Plugged WBD

West Kutz Pictured Cliffs
1190' FSL & 990' FWL, Section 26, T-28-N, R-12-W
San Juan NM/ API # 30-045-11630

Spud: 3/09/66
Completed: 1/06/99
Elevation: 5844' GL

Surface Csg: 8 5/8" 24# casing set
@ 357'. Cmt w/ 200sxs, circulated

(12 1/4" hole)

Pictured Cliffs Perforations:
1597' – 1840'
Dakota Perforations:
6083' – 6190'

Prod Csg 4 1/2" 10.5# csg set @ 6301
1st Stage: Cmt w/ 500sxs

(7 7/8" hole)

PBTD @ 5840'
TD @ 6301'

Plug #3: Mix & pump 68sxs Class G
cmt from 543' - Surface

Plug #2: Mix & pump 59sxs Class G
cmt from 635' -
Perf 3 holes @ 635'
Set 4 1/2" CR @ 596'

Plug #1: Mix & pump 88sxs Class G
cmt from 1640' – 1124'
Set 4 1/2" CR @ 1548'

