

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 4/2/2015

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-27208-00-00	HOLMBERG GAS COM D	001	BP AMERICA PRODUCTION COMPANY	G	A	San Juan	F	B	21	32	N	10	W

Application Type:

- P&A
 Drilling/Casing Change
 Location Change
 Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84)
 Other: Deepen well for rat hole, into the PC.

Conditions of Approval:

Must have a mud logger present

Hold C-104 for mud log

If new perforations are above or below existing perms file C104 and completion report before returning to production.

NMOCD Approved by Signature

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.
NMSF080517

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM77268

8. Well Name and No.
HOLMBERG GAS COM D 1

9. API Well No.
30-045-27208-00-S1

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other: COAL BED METHANE

2. Name of Operator Contact: TOYA COLVIN
BP AMERICA PRODUCTION CO. E-Mail: Toya.Colvin@bp.com

3a. Address 3b. Phone No. (include area code)
200 ENERGY CT. Ph: 281-366-7148
FARMINGTON, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 21 T32N R10W NWNE 0790FNL 1610FEL
36.975586 N Lat, 107.883484 W Lon

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<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 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 recomplate 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 Production Company respectfully requests to deepen and install liner in the subject well.

Please see the attached procedure including wellbore schematics and plat.

In accordance with NMOCD Pit Rule 19.15.17.9 NMAC, BP will use a closed-loop system during operations.

OIL CONS. DIV DIST. 3

APR 06 2015

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

**Electronic Submission #297069 verified by the BLM Well Information System
For BP AMERICA PRODUCTION CO., sent to the Farmington
Committed to AFMSS for processing by WILLIAM TAMBEKOU on 04/02/2015 (15WMT0368SE)**

Name (Printed/Typed) TOYA COLVIN

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/02/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By WILLIAM TAMBEKOU

Title PETROLEUM ENGINEER

Date 04/02/2015

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.



HOLMBERG GC D 001 - FT

API # 30-045-27208

Reason/Background for Job

The proposed work is to deepen the well to provide additional rathole to effectively produce the Fruitland Coal formation.

Basic job procedure

1. Pull pump
2. Pull tubing
3. Deepen well to \pm 3175' MD
4. Run tubing
5. Return well to production

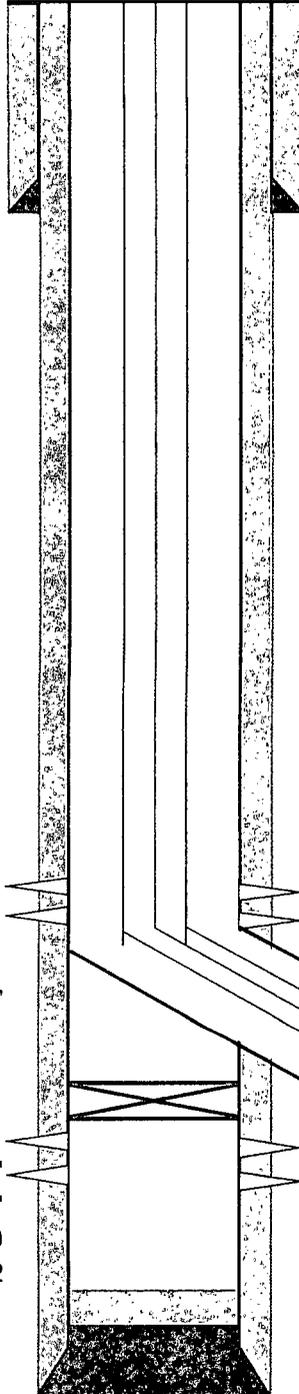
Current WBD

HOLMBERG GC D 001

API # 30-045-27208

GL 6248'

KB 6260'



Surface Casing

12 1/4" hole
8 5/8", 24#, K55 @ 514'
300 sxs B
TOC @ surf (circ)

Perforations

2758 - 2763'
2804 - 2811'
2854 - 2865'
2900 - 2916'
frac w/ 20K # 40/70 & 164K # 12/20
70K gal gel & 36K gal CO2

Window @ 2991 - 2997'

AZ Packer Whipstock combo @ 3006'

F Nipple @ 3021' (MD)
EOT @ 3058' (MD)

CIBP @ 3010'

3030 - 3057'
3064 - 3067'
frac w/ 17K # 40/70 & 57K # 12/20
30K gal gel & 35K gal CO2

TD 3069' MD
(no deviation survey)
4 3/4" hole underreamed to 6 1/4"

Production Casing

7 7/8" hole
5 1/2", 17#, K55 @ 3298'
525 & 250 sxs G
TOC @ surf (circ)

PBTD 3250'
TD 3300'

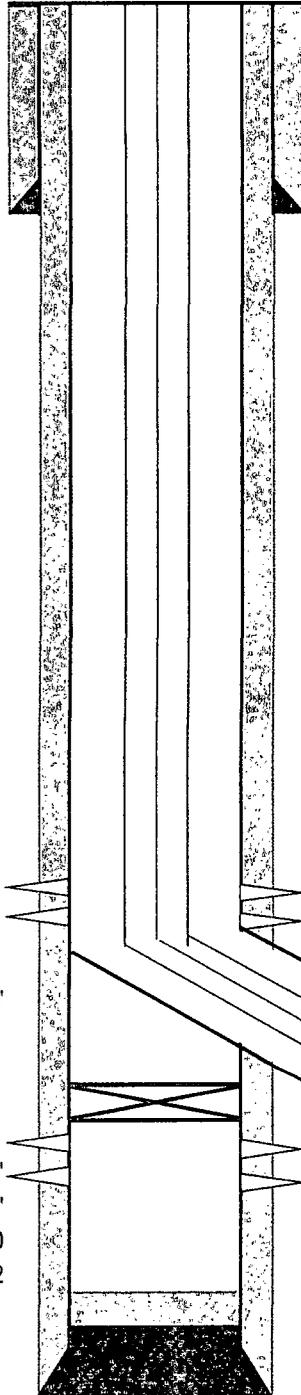
Proposed WBD

HOLMBERG GC D 001

API # 30-045-27208

GL 6248'

KB 6260'



Surface Casing

12 1/4" hole
8 5/8", 24#, K55 @ 514'
300 sxs B
TOC @ surf (circ)

Perforations

2758 - 2763'
2804 - 2811'
2854 - 2865'
2900 - 2916'
frac w/ 20K # 40/70 & 164K # 12/20
refrac 1990
70K gal gel & 36K gal CO2

Window @ 2991 - 2997'

AZ Packer Whipstock combo @ 3006'

CIBP @ 3010'

3030 - 3057'
3064 - 3067'
frac w/ 17K # 40/70 & 57K # 12/20
30K gal gel & 35K gal CO2

F Nipple @ 3111' ± (MD)
EOT @ 3143' ± (MD)

TD 3175' +/- MD

(no deviation survey)

4 3/4" hole underreamed to 6 1/4" to 3069'
4 3/4" hole 3069 - 3175' ±

Production Casing

7 7/8" hole
5 1/2", 17#, K55 @ 3298'
525 & 250 sxs G
TOC @ surf (circ)

PBTD 3250'

TD 3300'

