

Submit 1 Copy To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

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

WELL API NO.

30-045-11589

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

208

9. OGRID Number

000778

10. Pool name or Wildcat

Basin Mancos

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

P.O. Box 3092 Houston, TX 77253

4. Well Location

Unit Letter H : 1725 feet from the North line and 1045 feet from the East line
Section 15 Township 28N Range 12W NMPM San Juan County

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 ☒

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

RCVD MAR 31 '11

OIL CONS. DIV.

DIST. 3 ☐

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 requests permission to complete into the Basin Mancos & downhole commingle production with the existing Basin Dakota.

The DK (71599) & the Mancos (97232) pools are pre-approved for DHC per NMOCD Case No. 12520; Order No. R-11567 effective 04/26/2001. Although the interest owners are not identical between these two pools, this same order established approval for subsequent applications for DHC of production in wellbores within the GCU without notice to the unit interest owners. Therefore, no additional notification is required prior to DHC approval.

Production is proposed to be allocated based on the subtraction method using the DK projected future decline. That production will serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Mancos.

Commingling production downhole in the subject well from the proposed pools will not reduce the value of the total remaining production. BLM notified of DHC via form 3160-5 for lease NMSF 078106

Please see attached DHC procedure, wellbore schematics & C-102 plats.

DHC 3564 AZ

Spud Date:

11/20/1965

Rig Release Date:

Submit CBL to Both Agencies & Discuss TOC Before Peking

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

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 03/28/2011

Type or print name Cherry Hlava E-mail address: hlavacl@bp.com PHONE: 281-366-4081
For State Use Only

APPROVED BY: Chuck TITLE SUPERVISOR DISTRICT # 3 DATE APR 14 2011

Conditions of Approval (if any):

30-045-11589

GCU 208 - RECOMPLETION

Downhole Commingling Permit

Proposed procedure (3/28/2011)

Kill Well & Pull tubing

Clean out hole to PBTD at 6155'

Run CHHL & CBL

Cement squeeze casing as necessary, drill out sqz

Set CIBP at 5900' above Dakota

Perforate Gallup formation from 5380' to 5565'

Fracture stimulate Gallup formation

Flow back & clean up Gallup formation

Drill out CIBP

Run 2-3/8" tubing to 6120'

Run rod string and install pumping unit

Produce Dakota & Gallup formations up casing



GCU 208 DK
Dakota
API # 30-045-11589
Sec 15 T28N R 12W
San Juan County, New Mexico

History

Spud date 11/20/65
Bradenhead Repair 3/92

Formation Tops

Pictured Cliffs	1500'
Lewis Shale	1685'
Mesaverde	3182'
Mancos	4228'
Gallup	5126'
Greenhorn	5889'
Dakota	6051'

Current

5628' KB
5615' GL

12-1/4" Hole
8-5/8", 24#, J-55 set at 344'
Cmt'd w/ 220 sacks

3/92 Perf @ 1490'

DV Tool @ 4322'

3/92 W/O
Fluid level @ 5700'

No Tubular data avail in DIMS

5/5/08 Tag fill at 6130'

Dakota Perforations (12/1965)

5989' - 6003' w/ 4 jspf
6065' - 6085' w/ 4 jspf
6118' - 6136' w/ 4 jspf
Frac'd (3 stages) w/ 120,000 lbs 20-40 Sand

2-3/8" EOT @ 6106' (3/92)

7-7/8" hole
4-1/2" 10.5# J-55 casing @ 6165'
Cemented:

1st stage: Cmt'd w/ 500 sacks Type C

2nd stage: Cmt'd w/ 1000 sacks Type C

PBTD: 6155'
TD: 6165'

KMM (12/22/2010)

Deviation Report

Depth	Deviation
102	0.50
340	0.75
801	0.50
1,180	0.50
1,601	0.75
1,812	1.00
2,203	1.00
2,518	0.50
2,948	0.50
3,348	0.50
4,072	0.50
4,486	0.50
4,547	0.50
4,998	0.50
5,357	0.75
5,586	0.50
5,997	0.75
6,160	1.00

**GCU 208 DK**

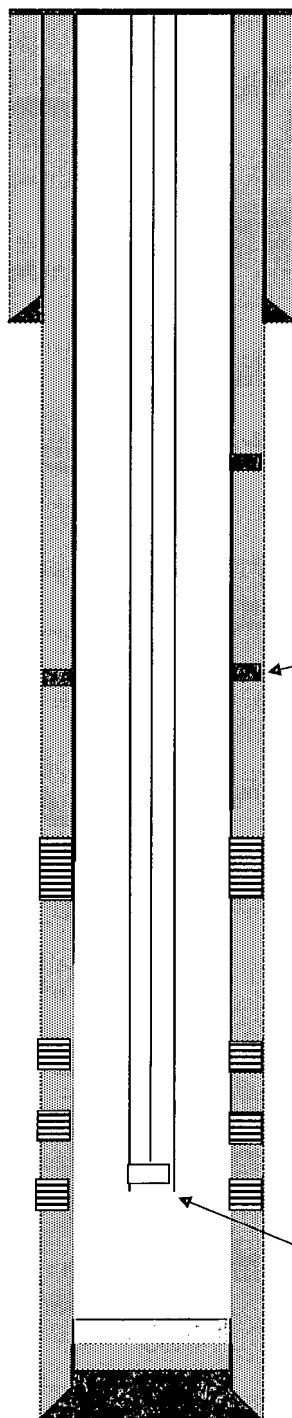
Dakota
API # 30-045-11589
Sec 15 T28N R 12W
San Juan County, New Mexico

History

Spud date 11/20/65
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12-1/4" Hole
8-5/8", 24#, J-55 set at 344'
Cmt'd w/ 220 sacks

3/92 Perf @ 1490'

← DV Tool @ 4322'

Mancos
Gallup-perforations 5380-5565
Fracture Stimulated

Dakota Perforations (12/1965)

5989' - 6003' w/ 4 jspf
6065' - 6085' w/ 4 jspf
6118' - 6136' w/ 4 jspf
Frac'd (3 stages) w/ 120,000 lbs 20-40 Sand

Sucker rod pump

2-3/8" EOT @ ~6120'

7-7/8" hole
4-1/2" 10.5# J-55 casing @ 6165'
Cemented:

1st stage: Cmt'd w/ 500 sacks Type C

2nd stage: Cmt'd w/ 1000 sacks Type C

PBTD: 6155'
TD: 6165'

KMM (3/28/2011)

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised July 16, 2010

Submit one copy to appropriate

District Office

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-045-11589		² Pool Code 97232		³ Pool Name Basin Mancos	
⁴ Property Code 000570		⁵ Property Name Gallegos Canyon Unit			⁶ Well Number 208
⁷ OGRID No. 000778		⁸ Operator Name BP America Production Company			⁹ Elevation

¹⁰ Surface Location

UL or lot no. H	Section 15	Township 28N	Range 12W	Lot Idn	Feet from the 1725	North/South line North	Feet from the 1045	East/West line East	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320 E/2		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Cherry Hlava</i> 03/28/2011 Signature Date Cherry Hlava Printed Name Hlavacl@bp.com E-mail Address	
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 09/09/1996 Date of Survey Signature and Seal of Professional Surveyor: Ernest V Echohawk Previously Filed 3602 Certificate Number	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

30-045-11589

All distances must be from the outer boundaries of the Section.

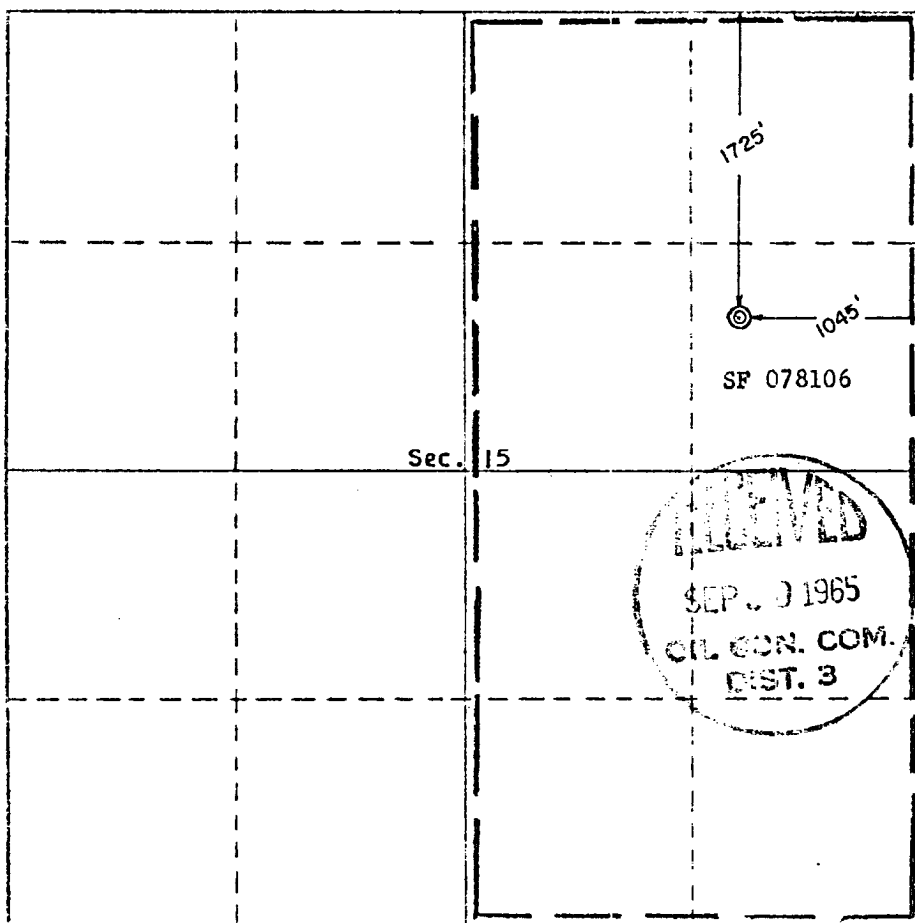
Operator Pan American Petroleum Corporation			Lease Gallegos Canyon Unit		Well No. 208
Unit Letter H	Section 15	Township 28 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 1725 feet from the North line and 1045 feet from the East line					
Ground Level Elev: Report Later	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

G. W. Eaton, Jr.
Name

G. W. Eaton, Jr.

Position

Area Engineer

Company

Pan American Petroleum Corp.

Date

September 24, 1965

I hereby certify that the location shown on this plat was plotted in the field and that all calculations made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

REGISTERED LAND SURVEYOR
WEST V. ECHOHAWK
Reg. No. **3602**

Date Surveyed

September 9, 1965

Registered Professional Engineer and/or Land Surveyor

Emmett A. Cantor
Certificate No.

3602