

Subject 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. <b>30-045-26291</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Gallegos Canyon Unit</b>
8. Well Number <b>244E</b>
9. OGRID Number <b>000778</b>
10. Pool name or Wildcat <b>Basin Mancos</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>6008'</b>

**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 **M** : **900** feet from the **South** line and **800** feet from the **West** line  
 Section **36** Township **28N** Range **12W** NMPM **San Juan** County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER <input type="checkbox"/>	OTHER: <input type="checkbox"/>	OTHER <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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. Basin Mancos Order R-12984, Case 14133 Dated 9/3/2008**

The DK (71599) & the Mancos (97232) pools are pre-approved for DHC per NMOCD Case No. 12520; Order No. R-11567 effective 04/06/2001. 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 078903

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

Spud Date: 04/25/1985 Rig Release Date: \_\_\_\_\_  
**DHC 3612 AZ**



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 05/23/2011  
 Type or print name Cherry Hlava E-mail address: hlavacl@bp.com PHONE: 281-366-4081  
**For State Use Only** Deputy Oil & Gas Inspector, District #3  
 APPROVED BY: [Signature] TITLE \_\_\_\_\_ DATE 6-17-2011  
 Conditions of Approval (if any): A



**GCU 244E DK**  
 Dakota  
 API # 30-045-26291  
 Unit M Sec 36 T28N R 12W  
 San Juan County, New Mexico

**History**

Spud date 4/25/1985  
 Aug 2010 - Pull tubing, washout to PBTD  
 Acidize & put on production

**Formation Tops**

Well Not Logged Above Gallup  
 Gallup 5370'  
 Greenhorn 6188'  
 Dakota 6298'

**CURRENT**

6002' KB  
 6008' GR

12-1/4" Hole  
 9-5/8", 36#, K-55 set at 359'  
 Cmt'd w/ 295 sacks Class "B" Portland

**Deviation Report**

Depth	Deviation
692'	1/2 deg
941'	0 deg
1381'	1/2 deg
1883'	1 deg
2410'	3/4 deg
2938'	3/4 deg
3436'	1/4 deg
3997'	1/2 deg
4388'	1 deg
4895'	1 deg
5422'	1 deg
5951'	3/4 deg
6362'	1 deg
6505'	1 deg

DV Tool @ 3204'

Aug 2010 W/O  
 Fluid level @ 5800'

**Dakota Perforations (4/1985)**

6308' - 6314' w/ 4 jspf  
 6352' - 6390' w/ 4 jspf  
 6410' - 6420' w/ 4 jspf  
 Frac'd w/ 85,000 gal, 69% quality foam  
 and 150,000# 20-40 mesh Brady sand

**8/2010 Acidize perms with 1,000 gallons of 15% HCL**

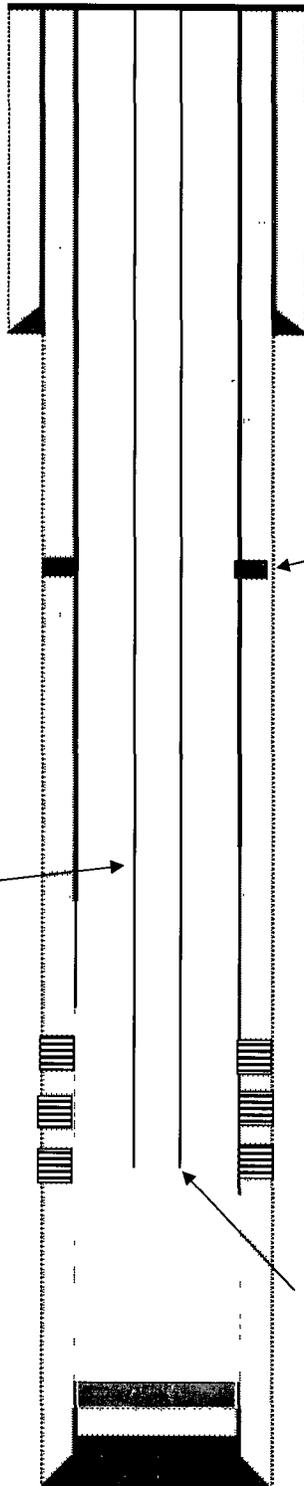
2-3/8" EOT @ 6414' (9/2010)

8-3/4" hole  
 7" 23# K-55 casing @ 6511'  
 Cemented:

**1st stage:** Cmt'd w/ 424 cu ft. Class B Portland &  
 tailed w/ 371 cu ft. Class B Portland  
**2nd stage:** Cmt'd w/ 863 cu ft. Class B Portland

PBTD: 6450'  
 TD: 6511'

KMM (12/29/2010)





**GCU 244E DK**  
 Dakota/*Mancos*  
 API # 30-045-26291  
 Unit M Sec 36 T28N R 12W  
 San Juan County, New Mexico

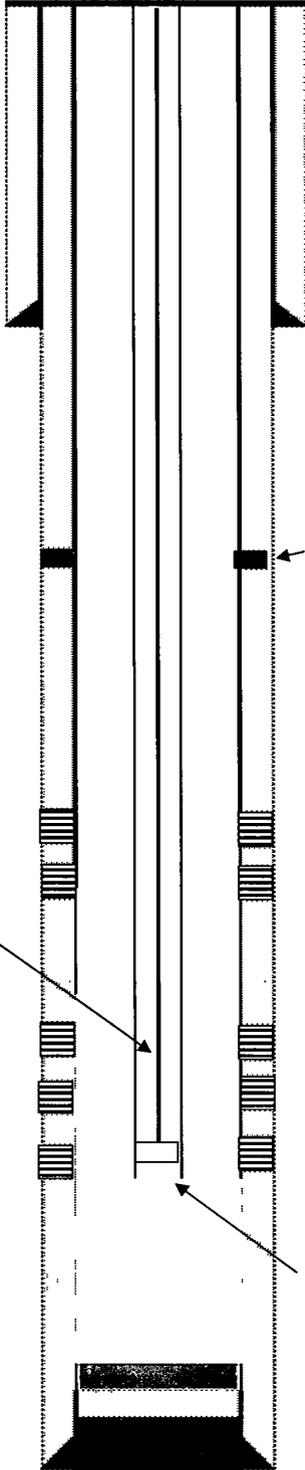
**History**

Spud date 4/25/1985  
 Aug 2010 - Pull tubing, washout to PBTD  
 Acidize & put on production

**Formation Tops**

Well Not Logged Above Gallup  
 Gallup 5370'  
 Greenhorn 6188'  
 Dakota 6298'

**PROPOSED**



6002' KB  
 6008' GR

12-1/4" Hole  
 9-5/8", 36#, K-55 set at 359'  
 Cmt'd w/ 295 sacks Class "B" Portland

**Deviation Report**

Depth	Deviation
692'	1/2 deg
941'	0 deg
1381'	1/2 deg
1883'	1 deg
2410'	3/4 deg
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3997'	1/2 deg
4388'	1 deg
4895'	1 deg
5422'	1 deg
5951'	3/4 deg
6362'	1 deg
6505'	1 deg

DV Tool @ 3204'

*Basin Mancos*  
**Gallup Perforations**  
 5,630-60 & 5,690-5,730

**Dakota Perforations (4/1985)**  
 6308' - 6314' w/ 4 jspf  
 6352' - 6390' w/ 4 jspf  
 6410' - 6420' w/ 4 jspf  
 Frac'd w/ 85,000 gal, 69% quality foam  
 and 150,000# 20-40 mesh Brady sand

Rod pump

2-3/8" EOT @ 6,420'

8-3/4" hole  
 7" 23# K-55 casing @ 6511'  
 Cemented:  
**1st stage:** Cmt'd w/ 424 cu ft. Class B Portland &  
 tailed w/ 371 cu ft. Class B Portland  
**2nd stage:** Cmt'd w/ 863 cu ft. Class B Portland

PBTD: 6450'  
 TD: 6511'



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

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

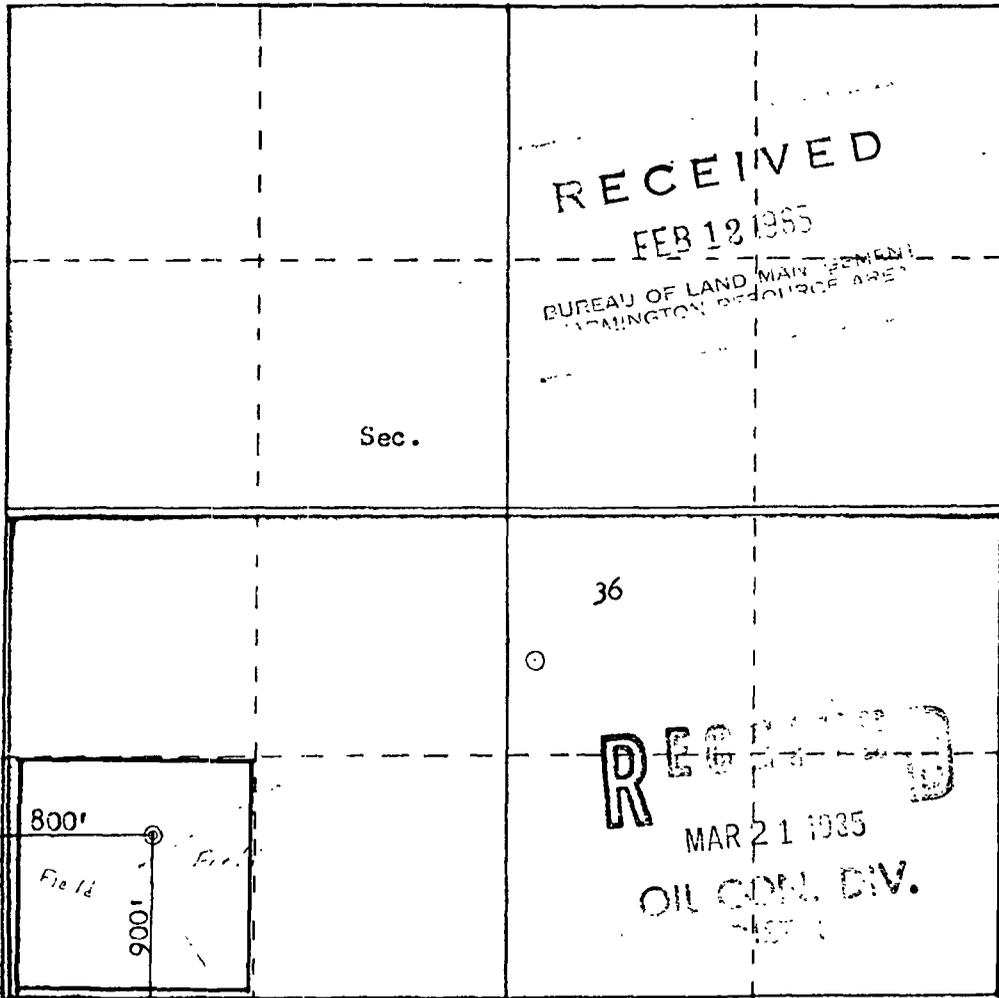
Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>GALLEGOS CANYON UNIT</b>		Well No. <b>244E</b>
Unit Letter <b>M</b>	Section <b>36</b>	Township <b>28N</b>	Range <b>12W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>900</b> feet from the <b>South</b> line and <b>800</b> feet from the <b>West</b> line				
Ground Level Elev: <b>6008</b>	Producing Formation <b>Dakota &amp; Gallup</b>	Pool <b>Basin Dakota/Kutz Gallup Ext.</b>	Dedicated Acreage: <b>320/40</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Unitized

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.



Scale: 1"=1000'

<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Original Signed By <b>D.D. Lawson</b>	
Name	<b>D. D. Lawson</b>
Position	<b>District Administrative Supervisor</b>
Company	<b>Amoco Production Company</b>
Date	<b>2-5-85</b>
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 knowledge and belief.	
Date Surveyed	<b>January 9, 1985</b>
Registered Professional Engineer and Land Surveyor	<b>Fred B. Kerr Jr.</b>
Certificate No.	<b>3950</b>