

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, 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  
Revised March 25, 1999

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-045-24167</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: <b>Gallegos Canyon Unit</b>
8. Well No. <b>150 E</b>
9. Pool name or Wildcat <b>Basin Dakota &amp; Otero Chacra</b>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5564' GR</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 Attn: Cherry Hlava Room 19.178**

3. Address of Operator  
**P.O. Box 3092 Houston, TX 77253-3092**

4. Well Location  
Unit Letter **P** **1110** feet from the **South** line and **795** feet from the **East** line  
Section **22** Township **29N** Range **12W** NMPM **San Juan** County

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: 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 COMPLETION <input type="checkbox"/> OTHER: <b>Complete Chacra &amp; Downhole Commingle</b> <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America Production Company requests permission to recomplete the subject well into the Otero Chacra and commingle production downhole with the existing Basin Dakota Pool as per the attached procedure.  
The Basin Dakota (71599) & the Otero Chacra (82329) Pools are Pre-Approved for Downhole Commingling per NMOCD ORDER NO. R-11567 effective 04/26/2001. Although the interest owners are not identical between these two Pools, NMOCD CASE NO. 12520, ORDER NO. R-11567 effective 04/26/2001, established approval for subsequent applications for the downhole commingling of production in well bores within the Gallegos Canyon Unit without notice to the unit interest owners, therefore, no additional notification is required prior to downhole commingling approval  
Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Dakota. That production shall 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 Chacra. Attached is the future production decline estimates for the Dakota. Commingling Production Downhole in the subject well from the proposed pools will not reduce the value of the total remaining production.

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 04/24/2002  
Type or print name Cherry Hlava Telephone No. 281-366-4081  
(This space for State use)

APPROVED BY Official Stamp TITLE Deputy DATE MAY - 6 2002  
Conditions of approval, if any:

District I  
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2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe NM 87505

Form C-102  
Revised August 15, 2000

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-045-24167</b>	<sup>2</sup> Pool Code <b>71599 / 82329</b>	<sup>3</sup> Pool Name <b>Basin Dakota / Otero Chacra</b>
<sup>4</sup> Property Code <b>00570</b>	<sup>5</sup> Property Name <b>Gallegos Canyon Unit</b>	<sup>6</sup> Well Number <b>150E</b>
<sup>7</sup> OGRID No. <b>000778</b>	<sup>8</sup> Operator Name <b>BP America Production Company</b>	<sup>9</sup> Elevation <b>5564'</b>

### <sup>10</sup> Surface Location

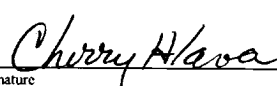
UL or lot no. <b>Unit P</b>	Section <b>22</b>	Township <b>29N</b>	Range <b>12W</b>	Lot Idn	Feet from the <b>1110'</b>	North/South line <b>South</b>	Feet from the <b>795'</b>	East/West line <b>East</b>	County <b>San Juan</b>
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### <sup>11</sup> Bottom 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
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<sup>12</sup> Dedicated Acres <b>320 DK 159.08 Ch</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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

<sup>16</sup>				<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>   Signature  Printed Name <b>Cherry Hlava</b>  Title <b>Regulatory Analyst</b>  Date <b>04/24/2002</b>
				<sup>18</sup> SURVEYOR CERTIFICATION <i>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.</i>  <b>1/10/1980</b> <b>On File</b>  Date of Survey  Signature and Seal of Professional Surveyor:  <b>Fred B. Kerr Jr.</b>  Certificate Number <b>3950</b>

## GCU Well Work Procedure

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**Well Name:** GCU 150E  
**Date:** 4/22/02

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**Objective:**  
Recomplete in Chacra and downhole commingle with Dakota.

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**Pertinent Information:**

Location: Sec.22, T29N-R12W  
County: San Juan  
State: New Mexico  
Lease:  
Meter No. 93221

Horizon: Dakota/Chacra  
API #: 30-045-24167  
Engr: John Papageorge  
Phone: W (281)366-5721  
H (713)464-5053

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1. Check anchors. MIRU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary with 2% KCL water.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. Tag for fill. Tally out of hole and LD tubing. Replace as necessary.
6. RIH with bit and scraper. Clean out to PBTD.
7. Set CIBP at approximately 5900'. Load hole with 2%KCL and pressure test plug.
8. Run CBL/GR/CCL across Chacra interval to verify zonal isolation. (Note:DV tool at 4463')  
Fax results to John Papageorge @ 281-366-7099.
9. Perforate the following interval with 2JSPF, 120 deg. phasing: **Chacra 2568-2581', 2660-2687'**.
10. RU frac equipment and fracture stimulate down casing according to schedule 'A'.
11. Flow back frac load on 1/4" choke until well dies or stabilized flow rate is obtained.
12. RIH with bit and tubing. Clean out fill. If sand feed-in has stabilized, drill out CIBP and cleanout to PBTD.
13. TIH with 2 3/8" production tbg. Land tubing across Dakota at approximately 6175'. RDMO.
14. Test well to pipeline.

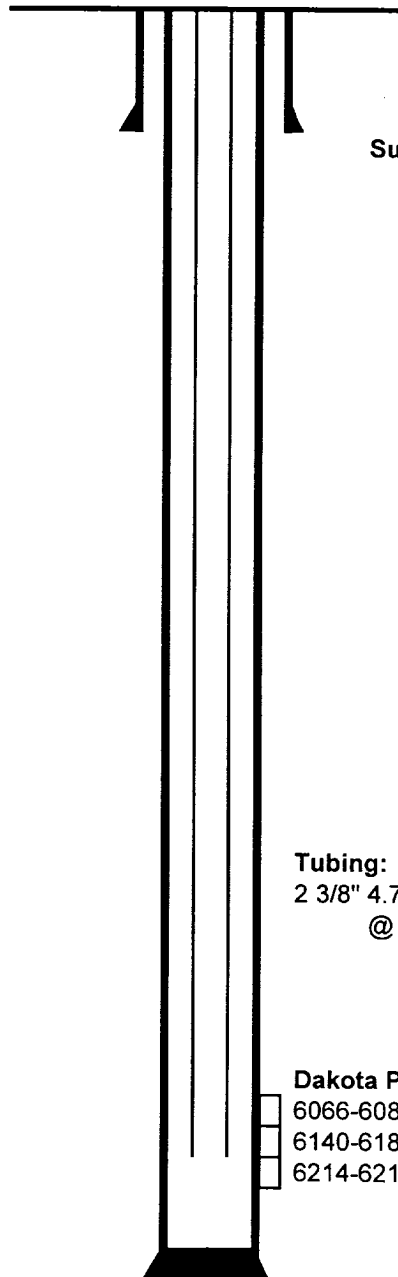
# GCU 150E

## Wellbore Diagram

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1110' FSL 795' FEL  
Sec. 22, T29N, R12W  
San Juan Co., NM

### Current Configuration



GL: 5564  
KB: 5577

Surface Csg: 8 5/8", 24#  
@ 298'

DV @ 4463'  
no cement to surface

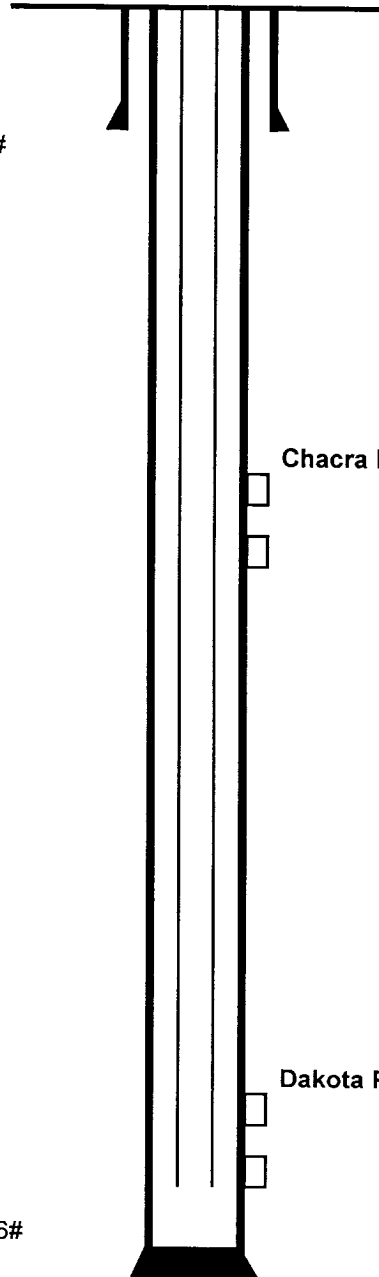
Tubing:  
2 3/8" 4.7# J-55Tbg  
@ 6173'

Dakota Perforations:  
6066-6080  
6140-6186  
6214-6218

Prod Csg: 4 1/2", 11.6#  
@ 6323'

PBTD: 6271'  
TD: 6323'

### Proposed



Chacra Perforations:

Dakota Perforations:

**GALLEGOS CANYON UNIT 150E**

**API 30-045-24167**

**Dakota Formation**

Date	MCF Gas Forecast	Date	MCF Gas Forecast
1/1/02	121	2/1/06	69
2/1/02	120	3/1/06	69
3/1/02	119	4/1/06	68
4/1/02	117	5/1/06	67
5/1/02	116	6/1/06	66
6/1/02	115	7/1/06	66
7/1/02	113	8/1/06	65
8/1/02	112	9/1/06	64
9/1/02	111	10/1/06	63
10/1/02	109	11/1/06	63
11/1/02	108	12/1/06	62
12/1/02	107		
1/1/03	106		
2/1/03	105		
3/1/03	103		
4/1/03	102		
5/1/03	101		
6/1/03	100		
7/1/03	99		
8/1/03	98		
9/1/03	97		
10/1/03	95		
11/1/03	94		
12/1/03	93		
1/1/04	92		
2/1/04	91		
3/1/04	90		
4/1/04	89		
5/1/04	88		
6/1/04	87		
7/1/04	86		
8/1/04	85		
9/1/04	84		
10/1/04	83		
11/1/04	82		
12/1/04	81		
1/1/05	80		
2/1/05	79		
3/1/05	79		
4/1/05	78		
5/1/05	77		
6/1/05	76		
7/1/05	75		
8/1/05	74		
9/1/05	73		
10/1/05	73		
11/1/05	72		
12/1/05	71		
1/1/06	70		