

State of New Mexico
Energy, Minerals and Natural ResourcesForm C-103
Revised March 25, 1999OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

1. French Dr., Hobbs, NM 88240
District II
11 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

WELL API NO.

30-045-24175

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 No.

170E

9. Pool name or Wildcat

Basin Dakota & Otero Chacra

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 5001) 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 E 1755 feet from the North line and 910 feet from the West lineSection 35Township 29NRange 12W

NMPM

San Juan

County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

5345' GR

11. 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 COMPLETION ☐OTHER: Complete Chacra & Downhole Commingle ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐CASING TEST AND CEMENT JOB ☐OTHER: ☐

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 HlavaTITLE Regulatory AnalystDATE 04/24/2002Type or print name Cherry HlavaTelephone No. 281-366-4081

(This space for District Signature)

APPROVED BY

TITLE

DATE

Conditions of approval, if any:

MAY 10 2002

GCU Well Work Procedure

Well Name: **GCU 170E**
Date: **4/22/02**

Objective:
Recomplete in Chacra and downhole commingle with Dakota.

Pertinent Information:

Location:	Sec.35, T29N-R12W	Horizon:	Dakota/Chacra
County:	San Juan	API #:	30-045-24175
State:	New Mexico	Engr:	John Papageorge
Lease:		Phone:	W (281)366-5721
Meter No.	93542		H (713)464-5053

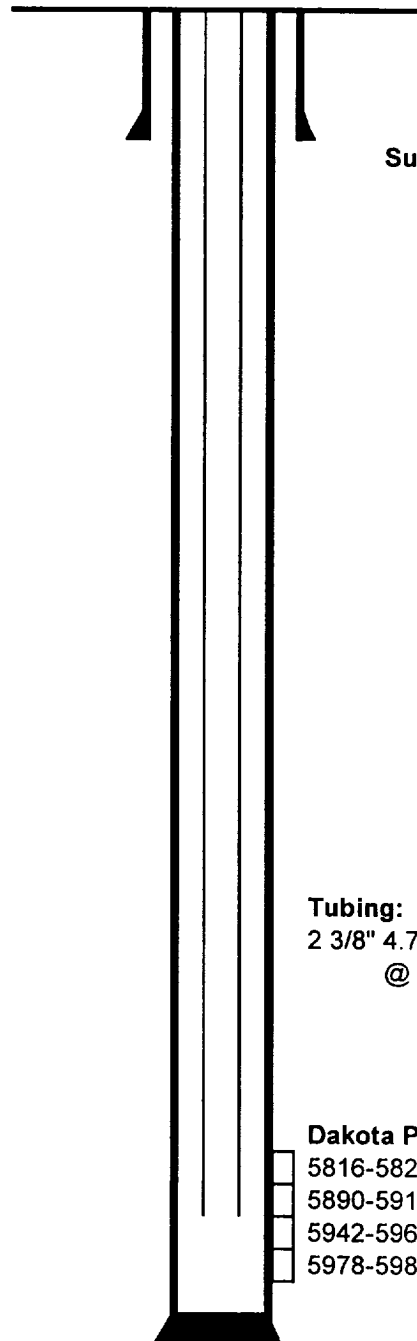
1. Check anchors. MIRU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary with 2% KCL water.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. Tag for fill. Tally out of hole and LD tubing. Replace as necessary.
6. RIH with bit and scraper. Clean out to PBTD.
7. Set CIBP at approximately 5700'. 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 4191')
Fax results to John Papageorge @ 281-366-7099.
9. Perforate the following interval with 2JSPF, 120 deg. phasing: **Chacra 2420-2442'**.
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 6000'. RDMO.
14. Test well to pipeline.

GCU 170E

Wellbore Diagram

1775' FNL 910' FWL
Sec. 35, T29N, R12W
San Juan Co., NM

Current Configuration



GL: 5345'
KB: 5358'

Surface Csg: 8 5/8", 24#
@ 307'

DV @ 4191'

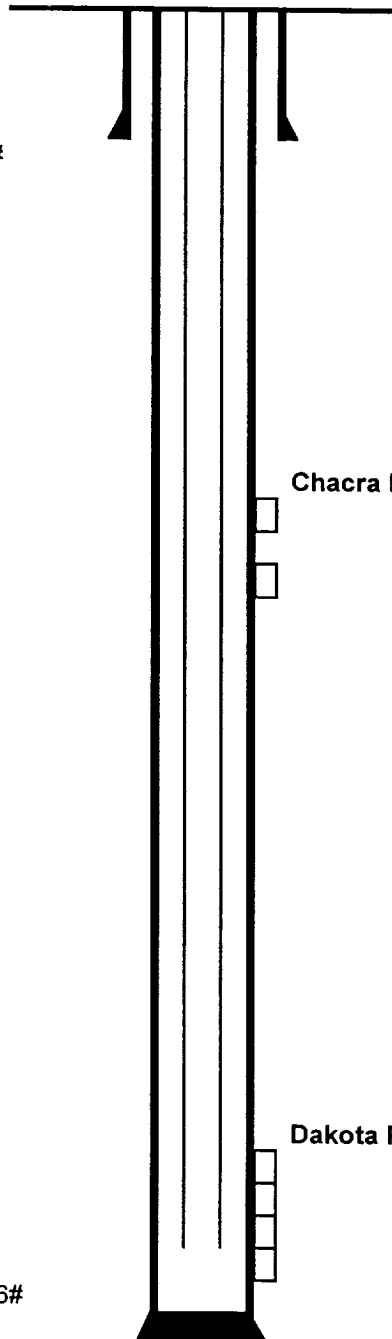
Tubing:
2 3/8" 4.7# J-55Tbg
@ 6002'

Dakota Perforations:
5816-5826
5890-5914
5942-5962
5978-5986

Prod Csg: 4 1/2", 11.6#
@ 6074'

PBTD: 6034'
TD: 6074'

Proposed



Chacra Perforations:

Dakota Perforations:

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
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-24175	² Pool Code 71599 / 82329	³ Pool Name Basin Dakota / Otero Chacra
⁴ Property Code 00570	⁵ Property Name Gallegos Canyon Unit	⁶ Well Number 170E
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 5345 GL'

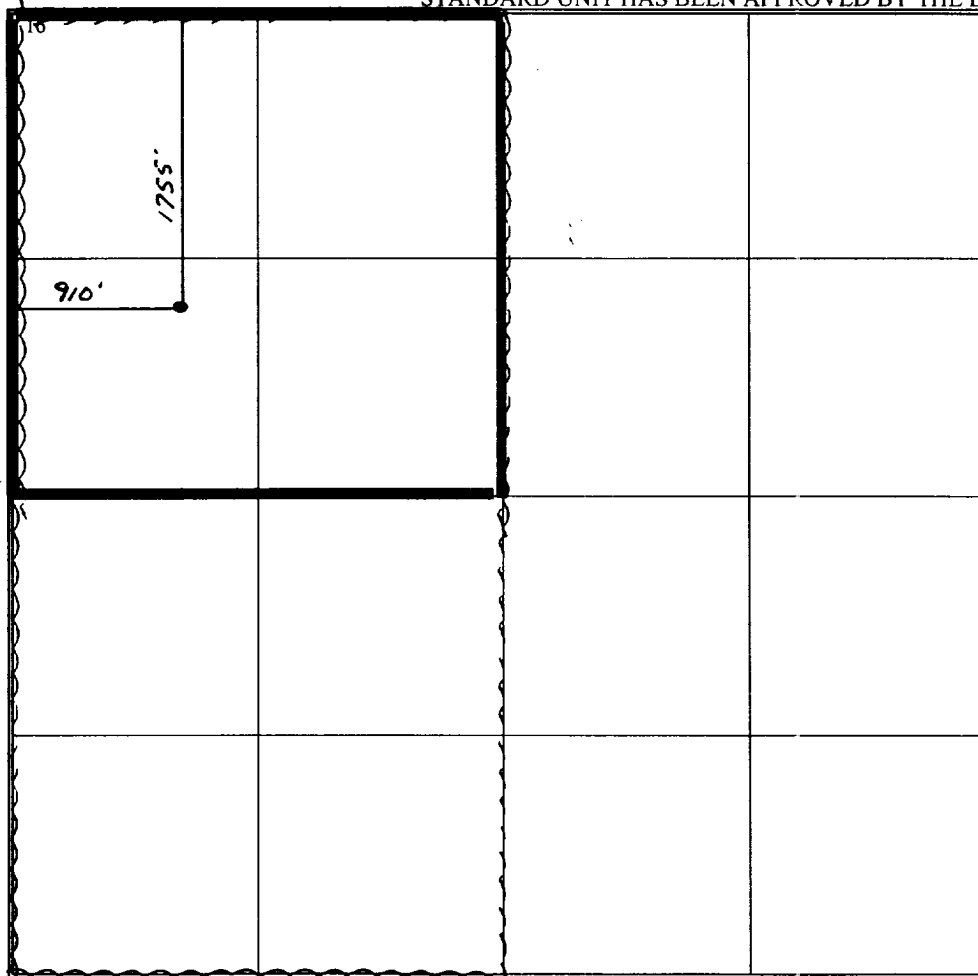
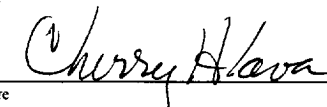
¹⁰ Surface Location

UL or lot no. Unit E	Section 35	Township 29N	Range 12W	Lot Idn	Feet from the 1755'	North/South line North	Feet from the 910'	East/West line West	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 DK 161.42 Ch	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

	¹⁷ 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 Cherry Hlava Printed Name Regulatory Analyst Title 05/07/2002 Date
	¹⁸ 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> 1/15/1980 Date of Survey On File Signature and Seal of Professional Surveyor: Fred B. Kerr Jr. Certificate Number 3950

**API 30-045-24175 GALLEGOS CANYON UNIT 170E
DAKOTA**

Date	Forecast	Date	Forecast
01/01/02	55	01/01/06	31
02/01/02	55	02/01/06	31
03/01/02	54	03/01/06	31
04/01/02	54	04/01/06	30
05/01/02	53	05/01/06	30
06/01/02	52	06/01/06	29
07/01/02	52	07/01/06	29
08/01/02	51	08/01/06	29
09/01/02	50	09/01/06	28
10/01/02	50	10/01/06	28
11/01/02	49	11/01/06	28
12/01/02	49	12/01/06	27
01/01/03	48		
02/01/03	47		
03/01/03	47		
04/01/03	46		
05/01/03	46		
06/01/03	45		
07/01/03	45		
08/01/03	44		
09/01/03	44		
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