

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000**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.****SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

BP AMERICA PRODUCTION CO

Contact:

CHERRY HLAVA

E-Mail: hlava@bp.com

## 3a. Address

P. O. BOX 3092  
HOUSTON, TX 77253

## 3b. Phone No. (include area code)

Ph: 281.366.4081

Fx: 281.366.0700

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 24 T29N R12W NWSW 1450FSL 0810FWL  
36.70857 N Lat, 108.05644 W Lon5. Lease Serial No.  
NMNM013885

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NMNM736798. Well Name and No.  
CRAWFORD COM B 19. API Well No.  
30-045-07983-00-S110. Field and Pool, or Exploratory  
BASIN DAKOTA  
OTERO CHACRA

11. County or Parish, and State

SAN JUAN COUNTY, NM

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

## TYPE OF SUBMISSION

## TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other  
Subsurface Commingling

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 recompleate 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 recompleation 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 requests permission to enter the Otero Chacra & commingle production downhole with the existing Basin Dakota Pool as per the attached procedure.

The Basin Dakota (71599) & the Otera Chacra (82329) pools are Pre-approved for downhole commingling per NMOC ORDER No. R-11363 effective 5/15/2000. The Working Interest owners & Royalty interest owners between these two pools have been notified of our intention by certified mail return receipt on Sept 24, 2002.

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.

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

Electronic Submission #22158 verified by the BLM Well Information System

For BP AMERICA PRODUCTION CO, sent to the Farmington

Committed to AFMSS for processing by Matthew Halbert on 06/10/2003 (03MXH0895SE)

Name (Printed/Typed) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature

Date 05/21/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

JUN 11 2003

Date

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 FIELD  
BY

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.

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NMOC

**Additional data for EC transaction #22158 that would not fit on the form**

**32. Additional remarks, continued**

DHC 807AZ approved 6/10/02.

## GCU Well Work Procedure

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**Well Name:** Crawford B 1  
**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.24, T29N-R12W  
County: San Juan  
State: New Mexico  
Lease:  
Meter No. 73778

Horizon: Dakota/Chacra  
API #: 30-045-07983  
Engr: John Papageorge  
Phone: W (281)366-5721  
H (713)464-5053

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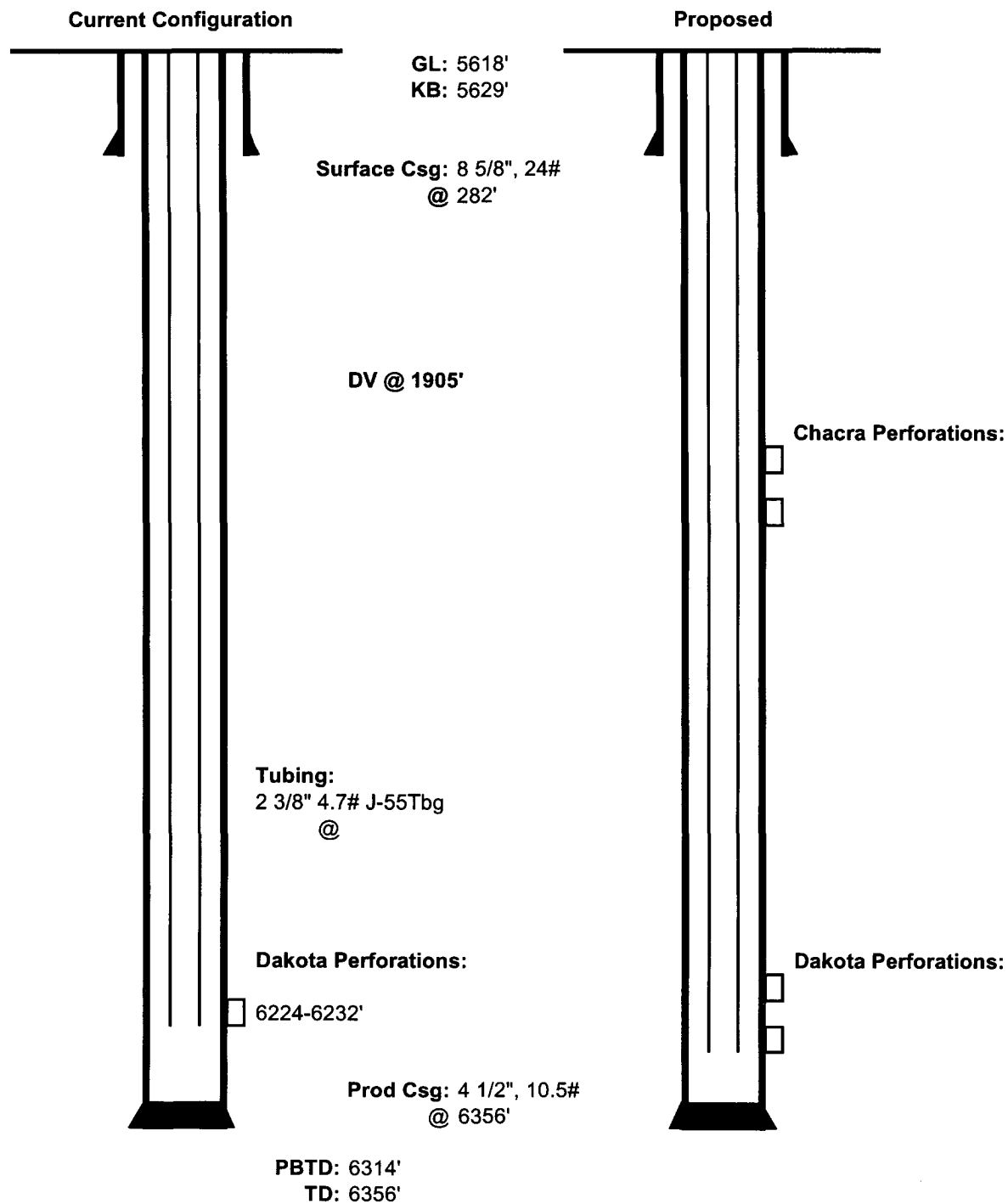
1. Check anchors. MIRU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary with 2% KCL water.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. Tag for fill. Tally out of hole and LD tubing. Replace as necessary.
6. RIH with bit and scraper. Clean out to PBTD.
7. Set CIBP at approximately 6100'. 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 1905') Fax results to John Papageorge @ 281-366-7099. Perform remedial cement squeeze as necessary.
9. Perforate the following interval with 2JSPF, 120 deg. phasing: **Chacra 2660'- 2663', 2760' - 2781'**.
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 6220'. RDMO.
14. Test well to pipeline.

## Crawford B1

### Wellbore Diagram

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1450' FSL 810' FWL  
Sec. 24, T29N, R12W  
San Juan Co., NM



**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

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>30-045-07983</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>00576</b>	<sup>5</sup> Property Name <b>Crawford Gas Unit B</b>	<sup>6</sup> Well Number <b>1</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>5629' DK</b>

<sup>10</sup> Surface Location

UL or lot no. <b>Unit L</b>	Section <b>24</b>	Township <b>29N</b>	Range <b>12W</b>	Lot Idn	Feet from the <b>810'</b>	North/South line <b>West</b>	Feet from the <b>1450'</b>	East/West line <b>South</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
<sup>12</sup> Dedicated Acres <b>320 DK 160 Ch</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<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  <b>Cherry Hlava</b> Printed Name  <b>Regulatory Analyst</b> Title  <b>05/31/2002</b> Date
				<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>On File</b> Date of Survey Signature and Seal of Professional Surveyor:  <b>James P Lease      1463</b> Certificate Number

API 30-045-07983

CRAWFORD GAS COM B 1  
DAKOTA

Date	FORECAST MCF
01/01/02	37
02/01/02	36
03/01/02	36
04/01/02	35
05/01/02	35
06/01/02	34
07/01/02	33
08/01/02	33
09/01/02	32
10/01/02	32
11/01/02	31
12/01/02	31
01/01/03	30
02/01/03	30
03/01/03	29
04/01/03	29
05/01/03	28
06/01/03	28
07/01/03	27
08/01/03	27
09/01/03	26
10/01/03	26
11/01/03	26
12/01/03	25
01/01/04	25
02/01/04	24
03/01/04	24
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12/01/04	21
01/01/05	20
02/01/05	20
03/01/05	20
04/01/05	19
05/01/05	19
06/01/05	19
07/01/05	18
08/01/05	18
09/01/05	18
10/01/05	17
11/01/05	17
12/01/05	17

Date	FORECAST MCF
01/01/06	17
02/01/06	16
03/01/06	16
04/01/06	16
05/01/06	16
06/01/06	15
07/01/06	15