

12-21-04 DATE IN	1-10-05 SUSPENSE	ENGINEER MES	12-27-04 LOGGED IN MS	TYPE MISC	MESO APP NO. 436238790
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**

- Engineering Bureau -

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



2004 DEC 21 PM 12:22

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location]** **[NSP-Non-Standard Proration Unit]** **[SD-Simultaneous Dedication]**
- [DHC-Downhole Commingling]** **[CTB-Lease Commingling]** **[PLC-Pool/Lease Commingling]**
- [PC-Pool Commingling]** **[OLS - Off-Lease Storage]** **[OLM-Off-Lease Measurement]**
- [WFX-Waterflood Expansion]** **[PMX-Pressure Maintenance Expansion]**
- [SWD-Salt Water Disposal]** **[IPI-Injection Pressure Increase]**
- [EOR-Qualified Enhanced Oil Recovery Certification]** **[PPR-Positive Production Response]**

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
    - NSL  NSP  SD
  - Check One Only for [B] or [C]
  - [B] Commingling - Storage - Measurement
    - DHC  CTB  PLC  PC  OLS  OLM
  - [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
    - WFX  PMX  SWD  IPI  EOR  PPR
  - [D] Other: Specify \_\_\_\_\_
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A]  Working, Royalty or Overriding Royalty Interest Owners
  - [B]  Offset Operators, Leaseholders or Surface Owner
  - [C]  Application is One Which Requires Published Legal Notice
  - [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
  - [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
  - [F]  Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

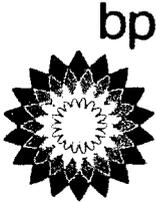
Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Mary Corley  
Print or Type Name

Mary Corley  
Signature

Sr. Regulatory Analyst 12/02/2004  
Title Date

corleym1@bp.com  
e-mail Address



San Juan South Asset

Mary Corley  
WL1-19.171  
281-366-4491 (direct)  
281-366-0700 (FAX)  
[corleym@bp.com](mailto:corleym@bp.com)

P. O. Box 3092  
Houston, Texas 77253-3092  
501 Westlake Park Boulevard  
Houston, Texas 77079

December 02, 2004

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
1220 South St Francis Drive  
P.O. Box 6429  
Santa Fe, NM 87505

*Und*  
Amendment to Administrative Order NSL-831-A  
Non-Standard Well Location  
Pritchard Well No. 4A API # 30-045-22497  
NW/4 Section 31-T29N-R08W  
Otero Chacra Pool  
San Juan County, New Mexico 82329

BP America Production Company respectfully requests an amendment to Administrative Order NSL-831-A to include administrative approval for a non-standard well location for the Pritchard Well No. 4A to be recompleted into the Otero Chacra Pool. The subject well was drilled by Tenneco Oil Company in 1977 at a non-standard well location for the Blanco Mesaverde Pool: Administrative Order NSL - 831, dated March 28, 1977 and approved for recompletion at a non-standard location in the Blanco Pictured Cliffs Pool per above order effective November 17, 2004.

It is our intent to complete the well into both the Blanco Pictured Cliffs and Otero Chacra Pools and downhole commingle production with the existing Mesaverde Pool. Application for permission to downhole commingle production is being submitted to the Santa Fe Office.

The spacing unit for this well is the NW/4 Section 31 as shown on attached C-102. Also attached is a 9 section plats with the subject well and surrounding wells and operators identified.

BP has a 50% working interest & ConocoPhillips and has 50% working interest in the NW/4 of section 31 and BP has a 100% working interest in the offsetting tract (NE/4 of Section 31).

Your attention to this matter is greatly appreciated. Should you have any questions concerning this application please do not hesitate to call me at 281-366-4491.

Sincerely,

*Mary Corley*  
Mary Corley

cc: Frank Chavez, Supervisor  
NMOCD District III  
1000 Rio Brazos Road  
Aztec, NM 87410

**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 30-045-22497	<sup>2</sup> Pool Code 82329	<sup>3</sup> Pool Name Otero Chacra
<sup>4</sup> Property Code 000959	<sup>5</sup> Property Name Pritchard	
<sup>7</sup> OGRID No. 000778	<sup>8</sup> Operator Name BP America Production Company	<sup>6</sup> Well Number 4A
		<sup>9</sup> Elevation 6011' GR

<sup>10</sup> Surface Location

UL or lot no. Unit F	Section 31	Township 29N	Range 08W	Lot Idn	Feet from 1830	North/South North	Feet from 1705	East/West West	County San Juan
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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	North/South	Feet	East/West	County
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<sup>12</sup> Dedicated Acres 120.49	<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

	<p><sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Mary Corley</i> Signature Mary Corley</p> <p>Sr. Regulatory Analyst Printed Name</p> <p>12/02/2004 Date</p>
	<p><sup>18</sup> 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.</p> <p>2/6/1977 Date of Survey</p> <p>Signature and Seal of Professional Surveyor:  James P Leese 1463 Certificate Number</p>



- Mesaverde
- Dakota
- Pictured Cliffs
- Fruitland Coal

BP America Production Co. Houston, TX	
<i>San Juan Basin</i>	
<i>T29N R08W Sec. 31</i>	
<i>Pritchard 4A</i>	
SCALE	DATE 2-NOV-2004
DRAWN BY H. J. RITZ	DATE
CHECKED BY	DATE



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

November 17, 2004

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

**BP America Production Company  
P. O. Box 3092  
Houston, Texas 77253-3092**

**Attention: Mary Corley**  
*corleym@bp.com*

*Administrative Order NSL-831-A*

Dear Ms. Corley:

Reference is made to the following: (a) your application (*administrative application reference No. pSEM0-430933628*) submitted to the New Mexico Oil Conservation Division ("Division") on November 3, 2004; and (b) the Division's records in Santa Fe and Aztec, including the files on: (i) Division Orders No. R-46, R-60, R-1169, R1170, R-1390, and R-4002; (ii) Division Administrative Orders NSL-831 and DHC-1689-AZ; and (iii) the well records for BP America Production Company's ("BP") Pritchard Well No. 4 (**API No. 30-045-07643**): all concerning BP's request for an unorthodox gas well location in the Pictured Cliffs formation for the existing Pritchard Well No. 4-A (**API No. 30-045-22497**), located 1830 feet from the North line and 1705 feet from the West line (Lot 8/Unit F) of Irregular Section 31, Township 29 North, Range 8 West, NMPM, San Juan County, New Mexico. Lots 5, 6, 7, and 8 (NW/4 equivalent) of Irregular Section 31 is to be dedicated to this well in order to form a 120.49-acre gas spacing unit within the Blanco-Pictured Cliffs Pool (**72359**).

This application has been duly filed under the provisions of Division Rule 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999.

By Division Administrative Order NSL-831, dated March 28, 1977, Tenneco Oil Company received authorization to drill to and complete the above-described Pritchard Well No. 4-A in the Blanco-Mesaverde Pool (**72319**) at an unorthodox infill gas well location within a non-standard 375.09-acre stand-up gas spacing and proration unit comprising Lots 3 and 4 and the E/2 SW/4 (SW/4 equivalent) of Section 30 and Lots 5 through 12 (W/2 equivalent) of Section 31, which unit was the subject of Division Orders No. R-60, issued in Case No. 258 on March 21, 1951, and R-1390, issued in Case No. 1642 on May 7, 1959. According to Division records, BP became the operator of this well on December 31, 2001.

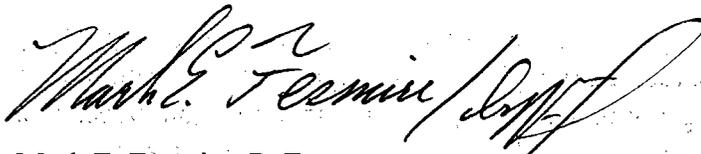
It is the Division's understanding that BP now intends to perforate the Pictured Cliffs interval and recomplete the well such that gas production from both the Mesaverde and Pictured Cliffs formations will be downhole commingled (as referenced by Division Administrative Order DHC-1689-AZ issued by the Aztec district office of the Division on November 5, 2004).

The location of this well within the Blanco-Pictured Cliffs Pool is also considered to be unorthodox pursuant to Division Rule 104.C (3), as revised.

By the authority granted me under the provisions of Division Rule 104.F (2), as revised, the above-described unorthodox Pictured Cliffs gas well location for BP's Pritchard Well No. 4-A within the proposed 120.49-acre gas spacing unit comprising the NW/4 equivalent of Section 31 is hereby approved.

Further, the provisions of Division Order NSL-831 shall remain in full force and affect until further notice.

Sincerely,



Mark E. Fesmire, P. E.  
Director

MEF/ms

cc: New Mexico Oil Conservation Division – Aztec  
U. S. Bureau of Land Management – Farmington  
File: NSL-831