

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT - " for such proposals

ALBUQUERQUE, NM

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator Attention:  
AMOCO PRODUCTION COMPANY WAYNE BRANAM, RM 1220

3. Address and Telephone No.  
P.O. Box 800, Denver, Colorado 80201 (303) 830-4912

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1510' FSL 1754' EST FUL Sec. 4 T 25N R 5W UNIT K

5. Lease Designation and Serial No.

JICARILLA CONTRACT 146

6. If Indian, Allottee or Tribe Name

JICARILLA APACHE

7. If Unit or CA, Agreement Designation

8. Well Name and No.

JICARILLA CONT 146 #12

9. API Well No.

3003906153

10. Field and Pool, or Exploratory Area  
South Blanco Pictured Cliffs  
Basin Fruitland Coal Gas Pool

11. County or Parish, State

RIO ARRIBA

NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

- ☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THIS WELL IS CURRENTLY AN OTERO CHACRA COMPLETION. AMOCO PROPOSES TO RECOMPLETE THE WELL IN THE SOUTH BLANCO PICTURED CLIFFS (PICTURED CLIFFS) AND THE BASIN FRUITLAND COAL GAS POOL (FRUITLAND COAL) PER THE ATTACHED PROCEDURE AND DOWNHOLE COMMINGLE ALL THREE FORMATIONS.

RECEIVED  
JUL 0 8 1994  
OIL CON. DIV.  
DEPT. 3

070 FARMINGTON, NM

01 JUL 25 AM 11:10

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

Signed Wayne Branam

Title

BUSINESS ANALYST

Date

05-24-1994

(This space for Federal or State office use)

Acting

Chief, Lands and Mineral Resources

JUL 0 6 1994

Approved by

Brian A. Lloyd

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

\* See Instructions on Reverse Side

NMOC

Jicarilla Contract 146 - 12  
Sec04N-T25N-05W  
Otero Chacra  
Fruitland Coal/Pictured Cliff Recompletion

1. Check location for anchors. Install if necessary. Test anchors.
2. MIRUSU. Blow well down. Use 3% KCl if kill fluid needed. NDWH. NUBOP.
3. POOH w/ 2-3/8" tbg. Visually inspect tbg and replace any bad joints.
5. TIH w/ 2-3/8" tbg, bit and scraper to 3500'. TOOH.
6. TIH w/ 4-1/2" RBP and PKR. (4-1/2" csg drift I.D. 3.875") Set RBP @ 3200'.  
Release RBP pull one stand set pkr. Pressure test RBP, load backside and pressure test csg to 3000 psi.
7. Run cased hole GR/CCL log from 3150' to 2700'.
8. Swab down fluid level to perforate underbalanced.
9. TIH w/ 4" perforating gun, 90° phasing, minimum 23 gram charge.  
Perforate the Pictured Cliff formation w/ 8 JSPF.  
PC/FRT not logged during initial completion. Perforation intervals dependent on step 7.
10. Fracture stimulate down casing. (Procedure to follow) Shut well in for a minimum of 4 hours.
11. Flow well back slowly, attempting to avoid sand production.
12. Report gas and water rates to engineer. Take wellhead gas and water samples. Submit for analysis.
13. TIH w/ mule shoe, 2-1/16" tubing, and seating nipple one joint off bottom. Land tbg.
14. Flow test Pictured Cliff. TOOH w/ 1-1/4" tbg.
15. TIH w/ 4-1/2" RBP and land at top perforations.
16. TIH w/ 4" perforating gun, 90° phasing, minimum 23 gram charge.  
Perforate the Fruitland Coal formation w/ 8 JSPF.  
PC/FRT not logged during initial completion. Perforation intervals dependent on step 7.

17. TIH w/ mule shoe, 2-1/16" tubing, and seating nipple one joint off bottom. Land tbg.
18. Flow test Fruitland. TOOH w/ 2-1/16" tbg.
19. TIH release RBP. POOH. TIH release RBP. POOH.
20. TIH w/ mule shoe, 2-1/16" tbg, and seating nipple. Land tbg @ 3790.
21. NDBOP. NUWH. RDMOSU. Return well to production, swab if necessary.

**REPORT ANY PROBLEMS TO TY SMITH (socon 721-5164)**

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
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U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**  
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-128  
Revised 5/1/57

**SECTION A**

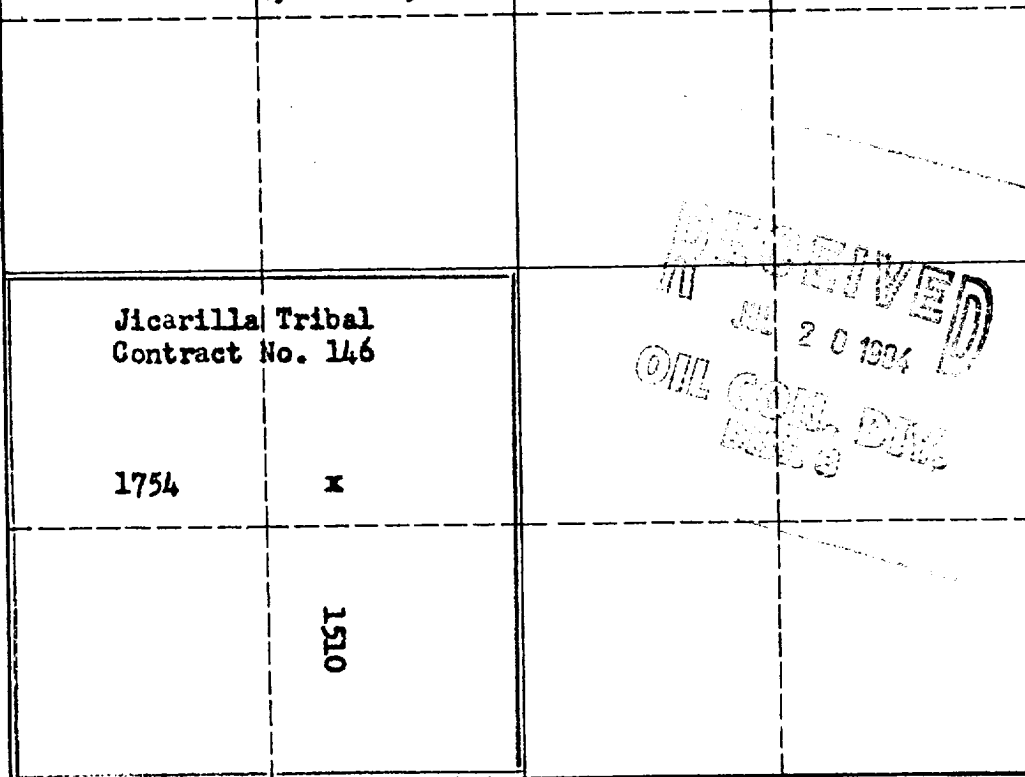
Operator <b>Pan American Petroleum Corporation</b>		Lease <b>Jicarilla Contract 146</b>		Well No. <b>12</b>
Unit Letter <b>K</b>	Section <b>4</b>	Township <b>25 North</b>	Range <b>5 West</b>	County <b>Rio Arriba</b>
Actual Footage Location of Well: <b>1510</b> feet from the <b>South</b> line and <b>1754</b> feet from the <b>West</b> line				
Ground Level Elev. <b>6648</b>	Producing Formation <b>Chacra</b>	Pool <b>Otero Chacra</b>	Dedicated Acreage: <b>160</b> Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO \_\_\_\_ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES \_\_\_\_ NO \_\_\_\_ . If answer is "yes," Type of Consolidation \_\_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

**SECTION B**

**NOTE:** Location staked for Dakota well Jicarilla Contract 146 No. 11 at 1510 ft. from south line and 1820 ft. from west line in Unit K, Section 4, T-25-N, R-5-W. Twin well for Chacra completion to be drilled by skidding rig 66 ft. due west, or at a location 1510 ft. from south line and 1754 ft. from west line in Unit K, Section 4, T-25-N, R-5-W.



**CERTIFICATION**

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

*R. M. Bauer, Jr.*  
 Name  
**R. M. Bauer, Jr.**  
 Position  
**Senior Petroleum Engineer**  
 Company  
**Pan American Petroleum Corp.**  
 Date  
**June 12, 1961**

I hereby certify that the well location shown on the plat in SECTION B 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. **Location for Dakota well Jicarilla Contract 146 No. 11**

Date Surveyed  
**April 29, 1961**  
 Registered Professional Engineer  
 and/or Land Surveyor  
**Original /S/ James P. Leese**  
 Certificate No.  
**1463**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1990

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

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

*[Handwritten signature]*

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-06153		2 Pool Code 72439		3 Pool Name South Blanco Pictured Cliffs	
4 Property Code		5 Property Name Jicarilla Contract 146			6 Well Number 12
7 OGRID No. 000778		8 Operator Name Amoco Production Company			9 Elevation

10 Surface Location

UL or lot no. K	Section 4	Township 25N	Range 5W	Lot Idn	Feet from the 1510	North/South line South	Feet from the 1754	East/West line West	County Rio Arriba
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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
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12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 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

<div>16</div> <div><b>RECEIVED</b> AUG 22 1994 OIL CON. DIV. DIST. 3 SECTION 4</div>				<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <div><i>A. Wayne Branam</i> Signature A. Wayne Branam Printed Name Business Analyst Title 07/20/94 Date</div>	
				<div>18 SURVEYOR CERTIFICATION</div> <p>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> <div>04/29/61 Date of Survey Signature and Seal of Professional Surveyor:  1463 Certificate Number "On File"</div>	

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
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State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1989

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Instructions on back  
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 30-039-06153	<sup>2</sup> Pool Code 71629	<sup>3</sup> Pool Name Basin Fruitland Coal Gas Pool
<sup>4</sup> Property Code	<sup>5</sup> Property Name Jicarilla Contract 146	<sup>6</sup> Well Number 12
<sup>7</sup> OGRID No. 000778	<sup>8</sup> Operator Name Amoco Production Company	<sup>9</sup> Elevation

<sup>10</sup> Surface Location

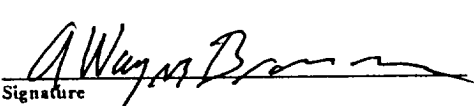
UL or lot no. K	Section 4	Township 25N	Range 5W	Lot Idn	Feet from the 1510	North/South line South	Feet from the 1754	East/West line West	County Rio Arriba
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<sup>11</sup> Bottom Hole Location If Different From Surface

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 320.31825	<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

<div>16</div> <div>SECTION 4</div> <div>1754</div> <div>1510</div>	<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <div><div></div><div>Signature</div><div>A. Wayne Branam</div><div>Printed Name</div><div>Business Analyst</div><div>Title</div><div>07/20/94</div><div>Date</div></div>			
	<div>18 SURVEYOR CERTIFICATION</div> <p>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> <div>04/29/61</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div>			
	<div>1463</div> <div>Certificate Number</div>			
	<div>"On File"</div>			