

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
March 4, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address APACHE CORPORATION 6120 SOUTH YALE, SUITE 1500 TULSA, OKLAHOMA 74136-4224		² OGRID Number 000873
		³ API Number 30-025-06608
⁴ Property Code 23103	⁵ Property Name ARGO	⁶ Well No. 12

7 Surface Location

⁷ UL or lot no. M	Section 15	Township 21S	Range 37E	Lot Idn	Feet from the 400	North/South line SOUTH	Feet from the 550	East/Westline WEST	County LEA
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8 Proposed 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/Westline	County
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⁹ Proposed Pool 1 PADDOCK	¹⁰ Proposed Pool 2
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Drilling Pit Location and Other Information

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
Depth to ground water				Distance from nearest fresh water well			Distance from nearest surface water		
¹¹ Work Type Code P		¹² Well Type Code O		¹³ Cable/Rotary R		¹⁴ Lease Type Code P		¹⁵ Ground Level Elevation 3431'	
¹⁶ Multiple N		¹⁷ Proposed Depth 8035' (TD)		¹⁸ Formation HARE		¹⁹ Contractor		²⁰ Spud Date	

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	48#	227	250	SURFACE
11	8-5/8	28# / 32#	2882	1900	SURFACE
7-7/8	5-1/2	15.5# / 17#	2662 - 8033	900	

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Argo A #6 is currently producing from the Penrose Skelly; Grayburg from 3828-3978'. Apache proposes to drill out the CIBP @ 4,500', run CBL & CNL to determine Paddock perms. If no squeeze work is needed, set CIBP @ +/- 5520'. Acidize, frac, and place on production. Test and file for downhole commingle.

Apache will use a 100 bbl steel tank with an open top for this procedure.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature:

Kara Coday

Printed name: Kara Coday

Title: Sr. Engineering Technician

E-mail Address:

Date: 07/16/2004

Phone: (918)491-4957

OIL CONSERVATION DIVISION

Approved by:

Paul J. Harty

Title:

PETROLEUM ENGINEER

Approval Date: JUL 27 2004

Expiration Date:

Conditions of Approval:
Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-06608		Pool Code 49210	Pool Name Paddock
Property Code 23103	Property Name Argo		Well Number 12
OGRIID No. 000873	Operator Name Apache Corporation		Elevation 3431'

¹⁰Surface Location

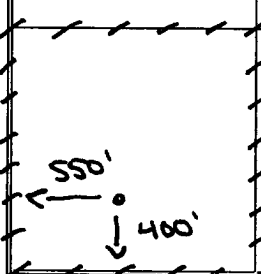
UL or lot no. M	Section 15	Township 21S	Range 37E	Lot Idn	Feet from the 400	North/South line South	Feet from the 550	East/West line West	County Lea
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¹¹Bottom Hole Location If Different From Surface

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 40	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>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> <p><i>Kara Coday</i> Signature</p> <p>Kara Coday Printed Name</p> <p>Sr. Engineering Technician kara.coday@apachecorp.com Title and E-mail Address</p> <p>07/16/2004 Date</p>			
	<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>			
	Date of Survey			
	Signature and Seal of Professional Surveyor:			
Certificate Number				