

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-101
Revised March 17, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Drive
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
4 Property Code 16815		3 API Number 30-025-06694
5 Property Name D.C. Hardy Gas Unit		6 Well No. 5

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
P	20	21S	37E		760	South	760	East	Lea

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/West Line	County
9 Proposed Pool 1 Paddock					10 Proposed Pool 2				

11 Work Type Code P	12 Well Type Code G	13 Cable/Rotary R	14 Lease Type Code P	15 Ground Level Elevation 3479'
16 Multiple No	17 Proposed Depth 6400	18 Formation Tubb	19 Contractor Loffland Brothers Company	20 Spud Date 6/28/1956

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
18"	13-3/8"	36#	380'	400	Circ.
11"	8-5/8"	32#	2890'	1200	500' (T.S.)
7-7/8"	5-1/2"	15.5#	6399'	800	2780' (T.S.)

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.

Present productive zone: 5550-5730' Blinebry
Temporarily abandoned zone: 6205-6290' Tubb (TIW Packer @ 5828')
Proposed productive zone: 5320-5340' Paddock

*Permit Expires 1 Year From Approval
Data Unless Drilling Underway
Plug back*

Release TIW pkr & POH. Circulate hole w/ "9.5 ppg plug mud" back to at least 5500'. Set CIBP @ 6150'. Dump 35' cement.
Set second CIBP @ 5500'. Perforate Paddock from 5320-5340'. Dump bail 35' cmt on top of CIBP @ 5500'.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Kara Coday</i>		Approved by: <i>Paul G. Heath</i>	
Printed Name: Kara Coday		Title: PETROLEUM ENGINEER	
Title: Sr. Engineering Technician		Approval Date: FEB 17 2004	
Date: 2/4/2004		Expiration Date:	
Phone: 918-491-4957		Conditions of Approval: Attached <input type="checkbox"/>	

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

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

¹ API Number 30-025-06694		² Pool Code 49120		³ Pool Name Paddock	
⁴ Property Code 16815		⁵ Property Name D.C. Hardy Gas Unit			⁶ Well Number 5
⁷ OGRID No. 000873		⁸ Operator Name Apache Corporation			⁹ Elevation 3479' GR

¹⁰ Surface Location

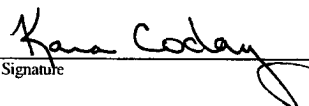
UL or lot no. P	Section 20	Township 21S	Range 37E	Lot Idn	Feet from the 760	North/South line South	Feet from the 760	East/West line East	County Lea
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¹¹ Bottom Hole Location If Different From Surface

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 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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Kara Coday Printed Name Sr. Engineering Technician kara.coday@apachecorp.com Title and E-mail Address 02/11/2004 Date			
	¹⁸ 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.			
	Date of Survey Signature and Seal of Professional Surveyor:			
	Certificate Number			