

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 GRID Number 000873	
³ Property Code 26483		⁴ API Number 30-025-06617	
⁵ Property Name STATE DA		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/Westline	County
I	16	21S	37E		1980	SOUTH	330	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/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 S		¹⁵ Ground Level Elevation 3474'	
¹⁶ Multiple N		¹⁷ Proposed Depth 8330' (TD)		¹⁸ Formation ELLENBURGER		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	36#	258	200	SURFACE
11	8-5/8	24# / 32# / 36#	2820	1500	565'
7-7/8	5-1/2	15.5# / 17#	8225	500	3448'

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.
State DA #5 is currently shut-in with perforations in the Penrose Skelly; Grayburg from 3725 - 3775'. Apache proposes to squeeze the Grayburg perforations, drill out cement & CIBP @ 5280', run CBL from 5960' to TOC and perform squeeze work if necessary. Perforate Paddock @ 5353-5363'. Set CIBP @ +/- 5700', acidize and place on production. 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: 08/04/2004

Phone: (918)491-4957

OIL CONSERVATION DIVISION

Approved by:

Paul E. Roney
PETROLEUM ENGINEER

Title:

Approval Date:

Expiration Date:

AUG 18 2004

Conditions of Approval:

Attached ☐

16				<p>17</p> <p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Kara Coday</u></p> <p>Signature</p> <p><u>Kara Coday</u></p> <p>Printed Name</p> <p><u>Sr. Engineering Technician</u></p> <p><u>kara.coday@apachecorp.com</u></p> <p>Title and E-mail Address</p> <p><u>08/05/2004</u></p> <p>Date</p>
				<p>18</p> <p>SURVEYOR CERTIFICATION</p> <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>
				<p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>