

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
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Apache Corporation 6120 S Yale Ave, Suite 1500 Tulsa, OK 74136-4224		² OGRID Number 00873
		³ API Number 30-025-25108
⁴ Property Code 35591	⁵ Property Name Apache State Q	⁶ Well No 006
⁹ Proposed Pool 1 Eunice Monument; Grayburg - San Andres		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no P	Section 16	Township 20S	Range 37E	Lot Idn	Feet from the 660	North/South line South	Feet from the 660	East/Westline East	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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Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3544'
¹⁶ Multiple No	¹⁷ Proposed Depth 5249' TD / +/- 5100' PBD	¹⁸ Formation Grayburg	¹⁹ Contractor	²⁰ Spud Date OPEN
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner Synthetic <input type="checkbox"/> milst thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method:				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	36#	1098'	550	TOC - circ
8-3/4"	7"	23#	3599'	700	TOC - 1810' TS
6-1/4"	5"	15#	5249'	230	TOC - Liner Top, circ

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.

Current Profile:

Paddock perforations fr/ 5182-5213', currently producing
Apache proposes to recomplete this well to the Grayburg via the following procedure:

1. MIRU pulling unit. Tag PBTD.
2. Run logs from PBTD to +/- 2000'.
3. Perforate Grayburg at interval selected by engineer.
4. RIH w/ CIBP and set at +/- 5100' over Paddock.
5. Acidize Grayburg interval.
6. RWTP from Grayburg.

Permit Expires 2 years From Approval
Date Unless Drilling is Underway

Plugback

RECEIVED

JAN 28 2008

HOBBBS OCD

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 ☐.

Printed name Sophie Mackay	Title Engineering-Tech	E-mail Address sophie.mackay@apachecorp.com	Date 01/18/2008	Phone (918)491-4864
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OIL CONSERVATION DIVISION	
Approved by <i>Chris Williams</i>	Title OC DISTRICT SUPERVISOR/GENERAL MANAGER
Approval Date JAN 28 2008	Expiration Date
Conditions of Approval Attached <input type="checkbox"/>	

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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 October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-25108		Pool Code 23000		Pool Name Eunice Monument; Grayburg - San Andres	
Property Code 35591		Property Name Apache State Q			Well Number 006
OGRID No. 00873		Operator Name Apache Corporation			Elevation 3544'

¹⁰ 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	16	20S	37E		660	South	660	East	Lea

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

" Dedicated Acres 40	" Joint or Infill	" Consolidation Code	" 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	<p style="text-align: center; font-size: 2em; transform: rotate(-15deg);">RECEIVED</p> <p style="text-align: center; font-size: 1.5em;">JAN 28 2008</p> <p style="text-align: center; font-size: 2em; transform: rotate(-15deg);">HOBBS, NM</p>			<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i></p> <p>Signature: <u>Sophie Mackay</u> Date: <u>01/18/2008</u></p> <p>Printed Name: <u>Sophie Mackay</u></p>	
				<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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</i></p>	
				<p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>	
				<p>Certificate Number</p>	