

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

RECEIVED Energy Minerals and Natural Resources

Form C-101

June 16, 2008

NOV 20 2009

HOBBSD

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit to appropriate District Office

☒ AMENDED REPORTAPPLICATION 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, Oklahoma 74136-4224		² OGRID Number 873
³ Property Code 26466		³ API Number 30-025-39517
⁵ Property Name EUGENE WOOD		⁶ Well No. 016
⁹ Proposed Pool 1 Langlie Mattix 7 Rvrs-Q-Grayburg Pool		¹⁰ Proposed Pool 2 South Eunice-San Andres Pool

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
A	22	22S	37E	A	330'	N	990'	E	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

Additional Well Information

¹¹ Work Type Code A	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3360
¹⁶ Multiple N	¹⁷ Proposed Depth 4400	¹⁸ Formation San Andres	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
12.25"	8.625"	24	1150'	650	0
7.875"	5.5"	17	4400'	750	0

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.

The Eugene Wood No. 16 was originally permitted as a single completion in the Langlie Mattix 7 Rvrs-Q-Grayburg Pool (APD approved 7/15/2009). The well has not yet been drilled. In addition to the Langlie Mattix 7 Rvrs-Q-Grayburg Pool, Apache Corporation now proposes to test the San Andres formation (South Eunice-San Andres Pool). If production is encountered, Apache Corporation will obtain production data from each of the zones necessary to obtain Division approval for downhole commingling.

BOP Program-Double Ram BOP with a working and test pressure of 2000 psi.

Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Adding

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature

David Catanach

Printed name:

David Catanach

Title:

Agent for Apache Corporation

E-mail Address:

drcatanach@netscape.com

Date:

11/19/2009

Phone:

(505) 690-9453

OIL CONSERVATION DIVISION

Approved by:

PETROLEUM ENGINEER

Approval Date:

DEC 01 2009

Expiration Date

Oil Conservation Division

Conditions of approval : Approval for drilling/workover
ONLY--- CANNOT produce Downhole Commingled until
DHC is approved in Santa Fe.