

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
June 16, 2008

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, Oklahoma 74136-4224		² OGRID Number 873
³ Property Code 26473		³ API Number 30-025-39553
⁵ Property Name J G HARE		⁶ Well No 002
⁹ Proposed Pool 1 Penrose Skelly-Grayburg Pool (50350)		¹⁰ Proposed Pool 2 Eunice-San Andres Pool (24150)

Surface Location

UL or lot no N	Section 33	Township 21S	Range 37E	Lot Idn N	Feet from the 900'	North/South line S	Feet from the 1700'	East/West line W	County Lea
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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
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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 3448
¹⁶ Multiple N	¹⁷ Proposed Depth 4400	¹⁸ Formation San Andres	¹⁹ Contractor	²⁰ Spud Date 11/15/2009

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25"	8.625"	24	1200'	600	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 J G Hare No. 2 was originally permitted as a single completion in the Penrose Skelly-Grayburg Pool (50350). (APD approved 10/23/2009). The well was spudded on 11/15/2009 and is currently drilling. In addition to the Penrose Skelly-Grayburg Pool, Apache Corporation now proposes to test the San Andres formation (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:

Title

P. J. Hare
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.