

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88201
District III
1000 Rio Brazos Road, Aztec, NM 87411
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 23112	⁵ Property Name SOUTHLAND ROYALTY "A"	³ API Number 30-025-39015
⁹ Proposed Pool 1 Penrose Skelly-Grayburg Pool (50350)		⁶ Well No. 028
		¹⁰ Proposed Pool 2 East Hare-San Andres Pool (96601)

Surface Location

UL or lot no. H	Section 9	Township 21S	Range 37E	Lot ldn H	Feet from the 2060'	North/South line N	Feet from the 330'	East/West line E	County Lea
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Proposed Bottom Hole Location If Different From Surface

UL or lot no. H	Section 9	Township 21S	Range 37E	Lot ldn H	Feet from the 2310'	North/South line N	Feet from the 330'	East/West line E	County Lea
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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 3465'
¹⁶ Multiple N	¹⁷ Proposed Depth 4500'	¹⁸ Formation San Andres	¹⁹ Contractor	²⁰ Spud Date

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25"	8.625"	24	1350'	650	0
7.875"	5.5"	17	4500'	950	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 Southland Royalty "A" No. 28 was originally permitted as a single vertical completion in the Penrose Skelly-Grayburg Pool (APD approved 7/18/2008) at a standard location 2310' FNL & 330' FEL (Unit H) of Section 9, T-21S, R-37E. Due to surface obstructions, the well cannot be drilled at the original surface location. Consequently, Apache Corporation seeks approval to directionally drill the well from a surface location 2060' FNL & 330' FEL (Unit H) of Section 9 to the originally approved standard bottomhole location 2310' FNL & 330' FEL (Unit H) of Section 9.

In addition, Apache Corporation proposes to also test the San Andres formation (East Hare-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.

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:
11/24/2009

Phone
(505) 690-9453

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:
PETROLEUM ENGINEER

Approval Date: DEC 01 2009

Expiration Date:

Conditions of Approval Attached ☐