

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 Twining Drilling Corporation 332 White Oak Drive NE Albuquerque, NM 87121		² OGRID Number 164187
³ Property Code 34960 47588	⁴ Property Name Angel Eyes	⁵ API Number 30 - 053 - 20011
⁹ Proposed Pool 1 SANTA FE GROUP		¹⁰ Proposed Pool 2

⁷ Surface Location <u>south</u>									
UL or lot no. N*	Section 19	Township 4N	Range 1E	Lot Idn	Feet from the 800	North/South line NORTH	Feet from the 1716	East/West line WEST	County SOCORRO

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 E	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4844
¹⁶ Multiple NO	¹⁷ Proposed Depth 8100'	¹⁸ Formation SANTA FE GROUP	¹⁹ Contractor UNITED DRILLING	²⁰ Spud Date 11/01/2005
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 750 bbls Drilling Method: ROTARY				
Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" 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
Surface casing in place	9 5/8"		1022	420 SA	Surface
8 3/4"	5 1/2"	15.5 & 17.0	8100'	440 SX	7000'

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.

We will re-enter the existing 9 5/8" surface casing and main hole below surface casing, and drill thru cement plugs utilizing fresh gel mud. We will install a 2M double-gate preventer for blowout prevention and protection. We will employ drill stem tests and open hole logging services as required to perform formation evaluations.

*See attached original plat for location survey information.

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:

Nathan Twining

Printed name: NATHAN A. TWINING

Title: PRESIDENT

E-mail Address: N/A

Date: 07/04/05

Phone: (505) 843 - 6776

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

DISTRICT SUPERVISOR

Approval Date:

7/21/05

Expiration Date:

7/21/06

Conditions of Approval Attached ☐