

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

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

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

"TIGHT HOLE"

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 87122-1411		² OGRID Number 164187
		³ API Number 30-053-20015
³ Property Code 24569	⁵ Property Name NFT	⁶ Well No. 3

⁷ Surface Location SURVEY PROJECTED FROM N.M.P.M.

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	27	4N	1E		1975 2305	WEST EAST	665'	NORTH SOUTH	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	
					⁹ Proposed Pool 1					¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 5300
¹⁶ Multiple NO	¹⁷ Proposed Depth 9100'	¹⁸ Formation SANTA FE GROUP	¹⁹ Contractor UNITED DRILLING INC.	²⁰ Spud Date 9-13-01

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	1000'	500	SURFACE ✓
8 3/4"	5 1/2"	17	9100'	925	5000'

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.

A ROTARY RIG WILL DRILL AND SET 1000' OF 9 5/8" SURFACE CASING AND AN 8 3/4" HOLE WILL BE DRILLED TO A TOTAL DEPTH OF 9100'.
A HYDRILL TYPE GK 3000 ANNULAR BAG BOP WILL BE INSTALLED AND A 2M DOUBLE GATE AND ROTATING HEAD FOR BLOWOUT PREVENTION. DRILL STEM TESTS AND OPEN HOLE LOGGING SERVICES WILL BE EMPLOYED AS REQUIRED.

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

Signature: *Nathan Twining*
Printed name: NATHAN A. TWINING
Title: PRESIDENT

Date: 9-12-01

Phone: 505-856-2238

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title: **DISTRICT SUPERVISOR**

Approval Date: **9/14/01**

Expiration Date: **9/14/02**

Conditions of Approval: COLLECT AND SACK SAMPLES FOR
NEW MEXICO BUREAU OF MINES, SOCORRO
Attached ☐ **AT AT LEAST TEN FOOT INTERVALS**

665 FNL, 1975 FEL