

Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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-103
March 4, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-053-20017
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Twining Drilling Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 332 White Oak Drive NE, Albuquerque, NM 87122		7. Lease Name or Unit Agreement Name NAT
4. Well Location Unit Letter <u>N</u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>2310</u> feet from the <u>WEST</u> line Section <u>22</u> Township <u>4N</u> Range <u>1E</u> NMPM County <u>Socorro</u>		8. Well Number #1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5170' GR		9. OGRID Number 164187
Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)		
Pit Location: UL _____ Sect _____ Twp _____ Rng _____ Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Below-grade Tank Location UL _____ Sect _____ Twp _____ Rng _____ ; _____ feet from the _____ line and _____ feet from the _____ line		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: ADD PERFORATIONS AND PUMP FRAC JOB <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

A workover rig, with a Double 5M BOP installed on the 4-1/2" casing, will remove the 2-3/8" production tubing and the 4-1/2" production packer from the well. A cast iron bridge plug will be set at 11,980' and the well will be perforated from 11,920' to 11,960' at 6 spf with 60 degree phasing. A 4-1/2" packer will be set at 11,600'. A Frac Job will be pumped with 72,000 lbs. of proppant in a fresh water gel system. A tree saver will be used in conjunction with a 2-7/8" x 2-3/8" frac string, which will be latched into the packer prior to the Frac Job. Once the treatment is completed the tree saver and frac string will be removed from the well, and a 2-3/8" production string with gas-lift mandrels and valves will be run into the well. The expected start of operations is June 21, 2004.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Nathan Twining TITLE President DATE 06-21-04
Type or print name Nathan A. Twining E-mail address: oagman@aol.com Telephone No. 505-856-2238

(This space for State use)

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 6/28/04
Conditions of approval, if any:

Twining Drilling Corporation
Nat # 1
CURRENT WELL SCHEMATIC

