

District V  
PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

TIGHT HOLE

Form C-101

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: TWINING DRILLING CORPORATION 11515 GLENDALE AVENUE N.E. ALBUQUERQUE, NEW MEXICO 87122		OGRID Number 164187
		API Number 30-053-20013
Property Code 24569	Property Name NFT	Well No. #2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	4N	1E		850'	NORTH	750'	WEST	SOCORRO

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
Proposed Pool 1					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 5110'
Multiple NO	Proposed Depth 8500'	Formation SANTA FE GROUP	Contractor KEY ENERGY	Spud Date 5-3-99

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	300	SURFACE
8 3/4"	5 1/2"	17	8500	500	7000'

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 8500'. THE SURFACE HOLE AND MAIN HOLE BELOW 9 5/8" SURFACE CASING ARE PLANNED UTILIZING FRESH GEL DRILLING MUD. AN 11" 3M DOUBLE GATE PREVENTER AND AN 11" 3M ROTATING HEAD WILL BE INSTALLED FOR BLOWOUT PREVENTION AND PROTECTION. DRILL STEM TESTS AND OPEN HOLE LOGGING SERVICES WILL BE EMPLOYED AS REQUIRED.

OIL CONSERVATION COMMISSION TO BE NOTIFIED  
WITHIN 24 HOURS OF BEGINNING OPERATIONS

COLLECT AND SACK SAMPLES FOR  
NEW MEXICO BUREAU OF MINES, SOCORRO  
AT AT LEAST TEN FOOT INTERVALS

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

Signature:

Printed name:

NATHAN TWINING

Title

PRESIDENT

Date:

APRIL 15, 1999

Phone

505-856-2238

OIL CONSERVATION DIVISION

Approved by:

Title:

DISTRICT SUPERVISOR

Approval Date:

4/30/99

Expiration Date:

4/30/00

Conditions of Approval:

Attached ☐

District I  
PO Box 1980, Hobbs, NM 88241-1980  
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State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
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State Lease - 4 Copies  
Fee Lease - 3 Copies

TIGHT HOLE

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-053-20013		2 Pool Code		3 Pool Name	
4 Property Code 24569		5 Property Name NET			6 Well Number 2
7 OGRID No. 164187		8 Operator Name TWINING DRILLING CORPORATION			9 Elevation 5110'

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


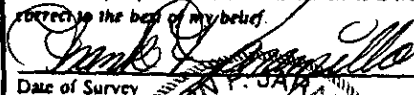
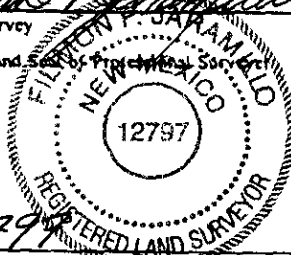
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	4N	1E		850'	NORTH	750'	WEST	SOCORRO

11 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

12 Dedicated Acres 160.00 ±	13 Joint or Infill J	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>16</div> <div>750' 0-850'</div>				<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <div> Signature</div> <div>NATHAN A. TWINING Printed Name</div> <div>PRESIDENT Title</div> <div>APRIL 15, 1999 Date</div>
				<div>18 SURVEYOR CERTIFICATION</div> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <div> Date of Survey</div> <div>Signature and Seal of Professional Surveyor</div> <div> Certificate Number</div>