

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-015-26703

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-1550

APR - 8 1991

O. C. D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Lease Name or Unit Agreement Name Laguna Salado South Unit 16	
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Well No. 1	
2. Name of Operator Santa Fe Energy Operating Partners, L.P.		9. Pool name or Wildcat Undes. Morrow	
3. Address of Operator 550 W. Texas, Suite 1330, Midland, TX 79701			
4. Well Location Unit Letter I : 1980 Feet From The South Line and 860 Feet From The East Line Section 16 Township 23S Range 29E NMPM Eddy County			
10. Proposed Depth 13,700'		11. Formation Morrow	
12. Rotary or C.T. Rotary			
13. Elevations (Show whether DF, RT, GR, etc.) 2959.1' GR		14. Kind & Status Plug. Bond Blanket - Current	
15. Drilling Contractor To be determined		16. Approx. Date Work will start 4-20-91	

PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2	13-3/8"	48.0	350'	780 sx	Surface
12-1/4	9-5/8"	40.0	3000'	1800 sx	Surface
8-3/4	7"	26.0	10,450'	800 sx	Fill to 7000'
6-1/8	4-1/2"	11.6	10,450-13,700'	475 sx	Fill to 10,150'

Move on location and rig up. Spud 17-1/2" hole and drill to 350'. Run 13-3/8" casing and cement with sufficient Class C cement to circulate to surface. WOC 8 hours. Test casing to 600 psi for 30 minutes. Drill 12-1/4" hole to 3000'. Run 9-5/8" casing and cement w/ sufficient lite cement to circulate to surface. WOC 18 hours. Nipple up 5000 psi Double Ram BOP & Hydril. Test to 5000 psi. Drill 8-3/4" hole to 10,450'. Run 7" casing and cement with sufficient 50/50 Class H Poz to bring cement to 7000'. WOC 18 hours. Nipple up Triple Ram BOP and Hydril. Test to 10,000 psi. Test casing to 1500 psi. Drill 6-1/8" hole 13,700' (TD). Log. Run 4-1/2" casing and cement with sufficient Class H cement to fill to 300' above liner top or plug and abandon per NMOC instructions.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 10/9/91  
UNLESS DRILLING UNDERWAY

Per ID 2  
4-12-91  
New Loc  
# API

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Darrell Roberts TITLE Sr. Drilling Engineer DATE 3/25/91  
TYPE OR PRINT NAME Darrell Roberts TELEPHONE NO. 915/687-3551

(This space for State Use)  
ORIGINAL SIGNED BY  
MIKE WILLIAMS  
SUPERVISOR, DISTRICT II

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE APR 9 1991

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY N.M.O.C.D. IN SUFFICIENT  
TIME TO WITNESS CEMENTING THE  
1338 + 95/8 CASING

Submit to Appropriate  
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Fee Lease - 3 copies

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Form C-102  
Revised 1-1-89

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator SANTA FE ENERGY OPERATING PARTNERS, LP			Lease LAGUNA SALADO SOUTH UNIT 16		Well No. 1
Unit Letter I	Section 16	Township 23 SOUTH	Range 29 EAST NMPM	County EDDY	

Actual Footage Location of Well:

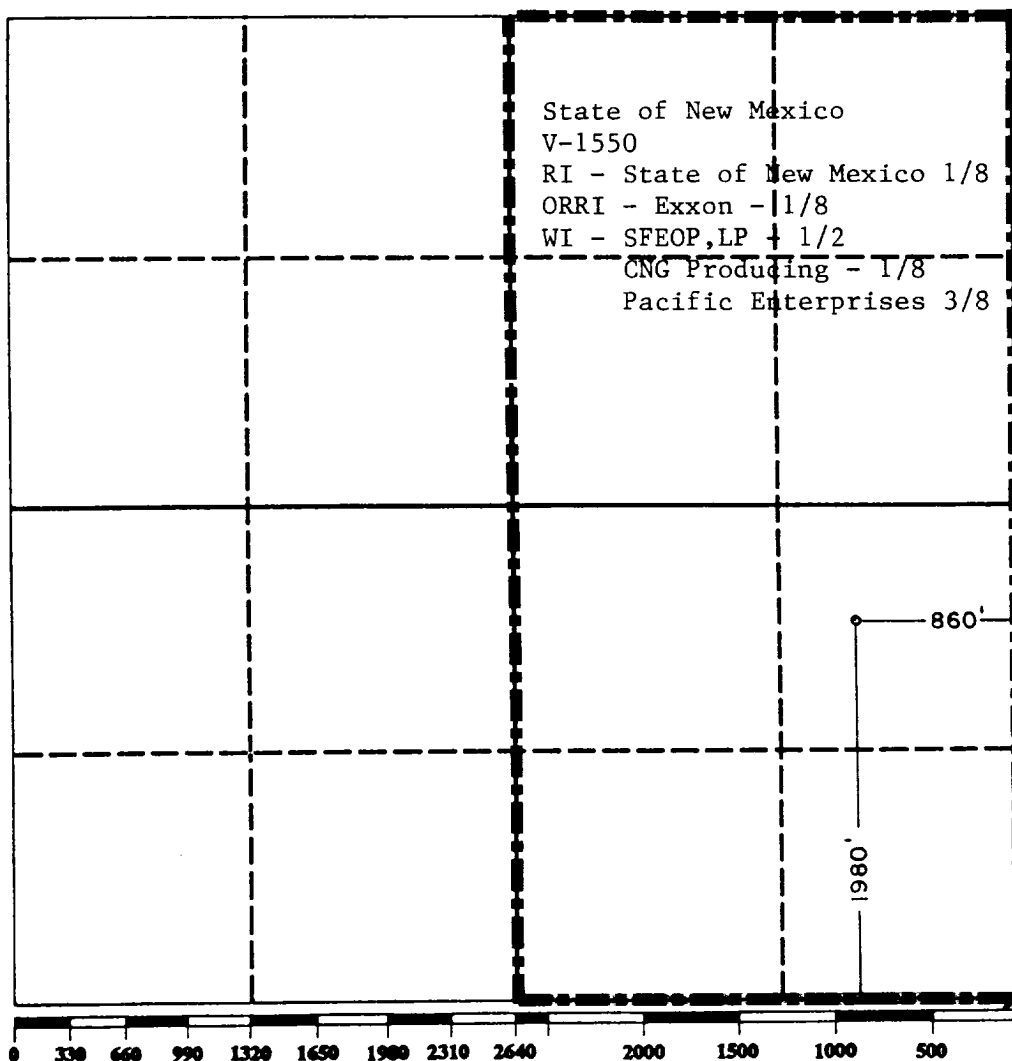
1980 feet from the SOUTH line and 860 feet from the EAST line

Ground level Elev. 2959.1	Producing Formation Morrow	Pool Undes. Morrow	Dedicated Acreage: 320 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☐ Yes ☒ No If answer is "yes" type of consolidation One lease

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature <i>Darrell Roberts</i>
Printed Name Darrell Roberts
Position Sr. Drilling Engineer
Company Santa Fe Energy Operating Partners, L.P.
Date March 25, 1991

SURVEYOR CERTIFICATION

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 knowledge and belief.

Date Surveyed 3-11-91
Signature of Professional Surveyor <i>John W. West</i>
Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239