

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

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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)

30-015-27761

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

NOV 19 1993

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

7. Lease Name or Unit Agreement Name

ST  
Sheep Dip "28" Fed Com

2. Name of Operator

Santa Fe Energy Operating Partners, L.P. ✓

8. Well No.

1

3. Address of Operator

550 W. Texas, Suite 1330, Midland, Texas 79701

9. Pool name or Wildcat

Frontier Hills (Strawn)

4. Well Location

Unit Letter D : 660 Feet From The North Line and 660 Feet From The West Line

Section 28

Township 23S

Range 26E

NMPM

Eddy

County

10. Proposed Depth

10,700'

11. Formation

Strawn

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3351.3' GR

14. Kind & Status Plug Bond

Blanket - current

15. Drilling Contractor

To be determined

16. Approx. Date Work will start

November 30, 1993

17.

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	600'	650 sx	Surface
12-1/4"	9-5/8"	40.0	5,400'	2200 sx	Surface
8-3/4"	5-1/2"	15.5 & 17.0	10,700'	1000 sx	6000'

Move on location and rig up. Spud 17-1/2" hole and drill to ±600'. Run 13-3/8" casing and cement with sufficient Class "C" containing 2% CaCl<sub>2</sub> to circulate to surface. WOC 4 hours prior to cut off and weld on 13-3/8" casing head and NU 13-3/8" annular BOP. Test casing and BOP to 600 psi for 30 minutes. Drill a 12-1/4" hole to ±5,400'. Run 9-5/8" casing and cement with sufficient Class "C" containing 2% CaCl<sub>2</sub> to circulate to surface. WOC 6 hours prior to cut off and weld on 9-5/8" casing head. NU BOP stack on 9-5/8" casing - to consist of an annular BOP, double ram preventer, rotating head, and choke manifold. Test casing to 1500 psi and BOP stack to 5000 psi. Drill 8-3/4" hole to 10,700'. Log, run 5-1/2" casing and cement to 6000' with Class "H" cement containing 5% salt and 1% fluid loss additive.

IO-1  
12-3-93  
N-4 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

Nov. 19, 1993

TYPE OR PRINT NAME

Darrell Roberts

TELEPHONE NO. 687-3551

(This space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

APPROVED BY

SUPERVISOR, DISTRICT II

TITLE

DATE

DEC 1 1993

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 6-1-94  
UNLESS DRILLING UNDERWAY

R-9820 N&L

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
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

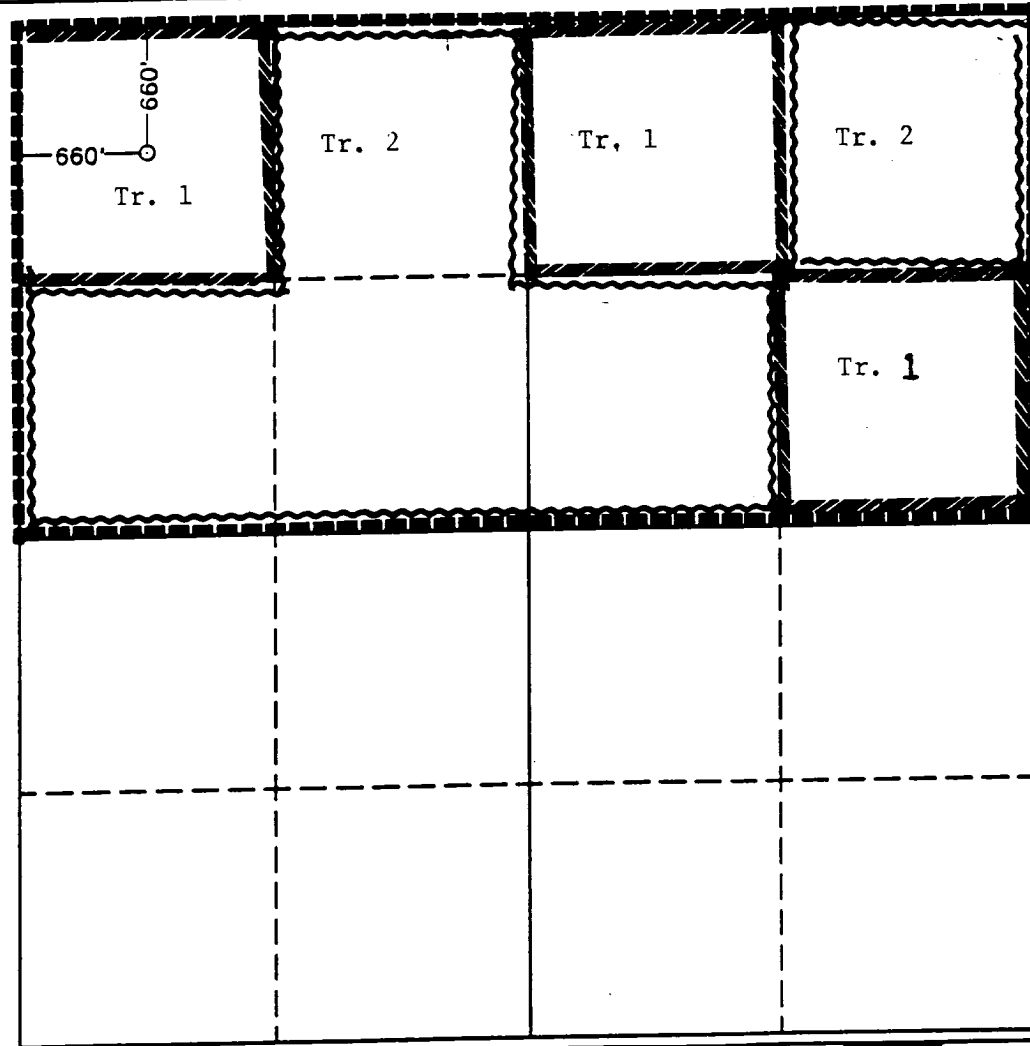
1000 Rio Brazos Rd., Aztec, NM 87410

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 SHEEP DIP "28" STATE		Well No. 1
Unit Letter D	Section 28	Township 23 SOUTH	Range 26 EAST	NMPM	County EDDY
Actual Footage Location of Well: 660 feet from the NORTH line and 660 feet from the WEST line					
Ground Level Elev. 3351.3	Producing Formation		Pool Steam/Morone		Dedicated Acreage: 320.00 Acres

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 communization, unitization, force-pooling, etc.?  
☒ Yes ☐ No If answer is "yes" type of consolidation COMMUNIZATION
- If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)  
No allowable will be assigned to the well unit all interests have been consolidated (by communization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

*Darrell Roberts*

Printed Name

DARRELL ROBERTS

Position

SR. DRILLING ENGINEER

Company SANTA FE ENERGY OPERATING PARTNERS, L.P.

Date

11/19/93

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

OCTOBER 8, 1992

Signature & Seal of Professional Surveyor

*Darrell Roberts*

Certificate No. JOHN W. WEST 878  
RONALD J. EDDON 8288  
GARY L. JONES 7977

92-11-1519

T-23S, R-26E

Tr. 1	<u>WI OWNERSHIP</u>	<u>WI OWNERSHIP %</u>	<u>ORRI %</u>
Sec. 28,	SFEOP, L.P.	50.00%	
NW/4 NW/4,	J.M. Huber	50.00%	
NW/4 NE/4,		<u>100.00%</u>	
SE/4 NE/4	HUNT OIL COMPANY		2.00%
	<u>ROYALTY</u>	<u>ROYALTY %</u>	
	State of N.M.	12.50%	
Tr. 2	<u>WI OWNERSHIP</u>	<u>WI OWNERSHIP %</u>	<u>ORRI%</u>
Sec. 28,	SFEOP, L.P.	100.00%	
S/2 NW/4,	EXXON CORPORATION		6.25%
NE/4 NW/4,			
SW/4 NE/4,			
NE/4 NE/4	<u>ROYALTY</u>	<u>ROYALTY %</u>	
	State of N.M.	18.75%	