

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

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

OIL CONSERVATION DIVISION

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

API NO. (assigned by OCD on New Wells)

30-025-30708

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

VB-0177

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 ☐

2. Name of Operator

Santa Fe Energy Operating Partners, L.P.

3. Address of Operator

500 W. Illinois, Suite 500, Midland, TX 79701

7. Lease Name or Unit Agreement Name

P. Q. Osudo State Com.

8. Well No.

1.

9. Pool name or Wildcat

South Osudo Morrow Gas

4. Well Location

Unit Letter G : 1980 Feet From The North Line and 1980 Feet From The East Line

Section 16 Township 21S Range 35E NMPM Lea County

10. Proposed Depth

12,400'

11. Formation

Morrow

12. Rotary or C.T.

Rotary

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

3620.3'

14. Kind & Status Plug. Bond

Blanket - Current

15. Drilling Contractor

Grace Drilling Co.

16. Approx. Date Work will start

ASAP

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	400	530	Surface
12 1/4	9 5/8	40.0	5,350	3,600	Surface
8 1/2	7	23.0	11,370	1,000	8,000'
6	4 1/2	13.5	11,000-12,400'	500	11,000'

Move on location. Drill a 17 1/2" hole to 400'. Run and cement 13 3/8" casing. WOC 8 hrs (Option II). Nipple up annular preventer and test casing to 600 psi. Drill 12 1/4" hole to 5350'. Run and cement 9 5/8" casing. WOC until 500 psi compressive strength obtained. Nipple up 5000 psi BOP stack and choke manifold. Test to 1500 psi. Test casing to 1500 psi. Drill an 8 1/2" hole to 11,370'. Log. Run and cement 7" casing. WOC until 500 psi compressive strength obtained. Test BOP and choke manifold to 5000 psi. Drill 6" hole to 12,400'. Log. Run and cement 4 1/2" casing or plug and abandon per NMOC regulations.

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 Michael R. Burton TITLE District Drilling Engineer DATE 10-19-89

TYPE OR PRINT NAME Michael R. Burton

915/
TELEPHONE NO. 687-3551

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

OCT 23 1989

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway

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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 OPER. PARTNERS L.P.			Lease P. Q. OSUDO STATE COM.		Well No. 1
Unit Letter G	Section 16	Township 21 SOUTH	Range 35 EAST	County LEA	

Actual Footage Location of Well:

1980 feet from the NORTH line and		1980 feet from the EAST line	
Ground level Elev. 3620.3'	Producing Formation Morrow	Pool South Osudo Morrow Gas	Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

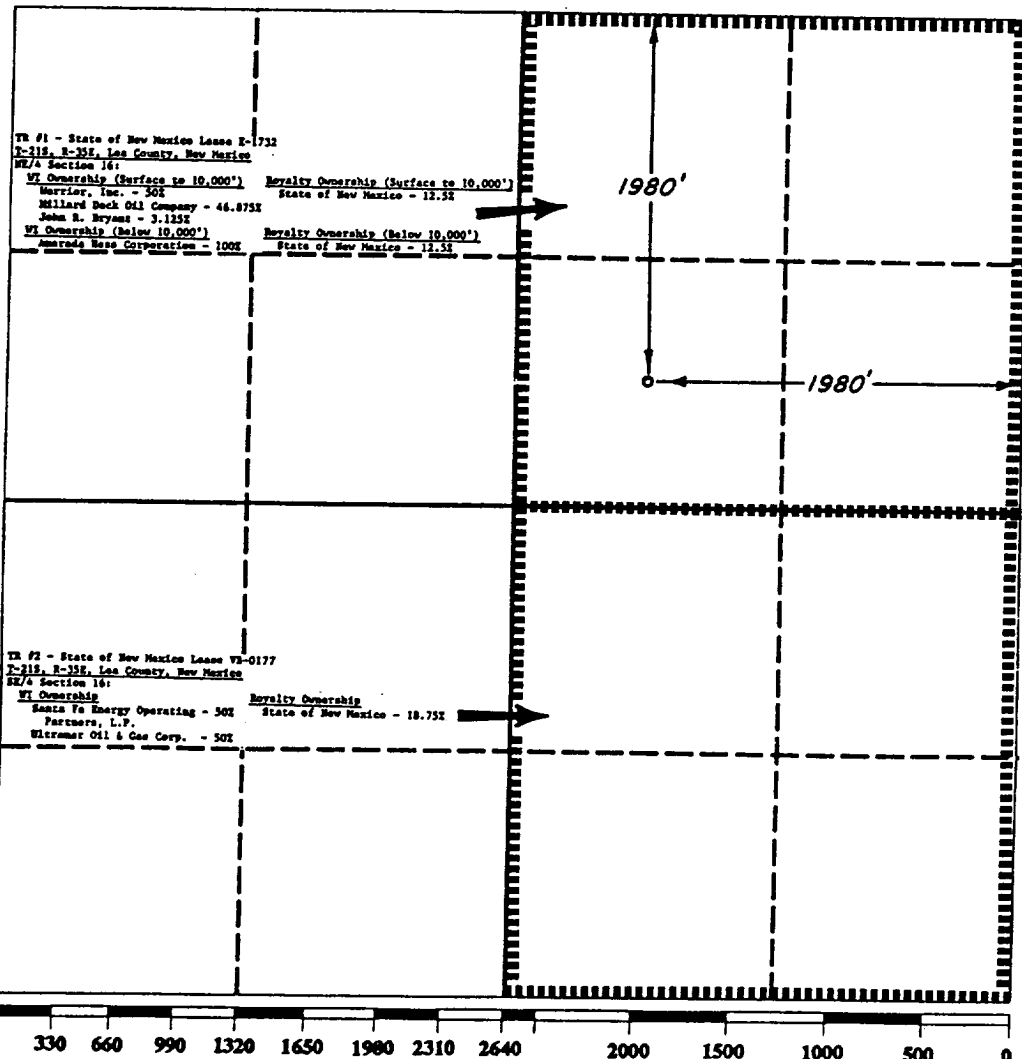
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation Communitization

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
Michael R. Burton
Printed Name
Michael R. Burton
Position
District Drilling Engineer
Company
Santa Fe Energy Operating Partners, L.P.
Date
10-19-89

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 17, 1989
Signature & Seal of Professional Surveyor
Ronald J. Eidsen
Certificate No. **22011 W. WEST**
RONALD J. EIDSEN
REGISTERED LAND SURVEYOR
NO. 3023
1976
1989

6/15/92
EFT

06/26/99
MOBILE