

**UNITED STATES
DEPARTMENT OF THE INTERIOR**

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL

DEEPEN NOV 21 9 50 AM '94

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

Santa Fe Energy Operating Partners, L.P. 20290

3. ADDRESS AND TELEPHONE NO.

550 W. Texas, Suite 1330, Midland, Texas 79701 (915) 682-6373

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

(D) 660' FNL & 660' FWL
At proposed prod. zone

~~UNORTHODOX~~
LOCATION:

Subject to
Like Approval
By State

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

17-1/4 miles West of Carlsbad, New Mexico

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)
660'

16. NO. OF ACRES IN LEASE

1240

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

13. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

1867'

19. PROPOSED DEPTH

8400'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3828'

Roswell Controlled Water Basin

22. APPROX. DATE WORK WILL START*

December 20, 1994

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	H-40 13-3/8"	48.0	425'	450 sx to circulate
12-1/4"	K-55 9-5/8"	36.0	2500'	1200 sx to circulate
8-3/4"	K-55 7"	26.0	8400'	TOC @ 6000'

We propose to drill a depth sufficient to test the Cisco/Canyon formation for oil. If productive, 7" casing will be run to TD. If non-productive, the well will be plugged and abandoned in a manner consistent with federal regulations. Specific programs as per Onshore Oil and Gas Order No. 1 are outlined in the following attachments:

**Approval Subject to
General Requirements and
Special Stipulations
Attached**

Drilling Program

- Exhibit A - Operations Plan
- Exhibit B - BOP & Choke Manifold
- Exhibit C - Drilling Fluid Program
- Exhibit D - Auxiliary Equipment
- Exhibit E - Topo Map of Location

- Exhibit F - Plat Showing Existing Wells
- Exhibit F (A) - Plat of Location
- Exhibit G - Well Site Layout
- Surface Use and Operations Plan
- H₂S Drilling Operations Plan

Post ID-1
12-29-94
New Loc & API

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED James P. Phil Stinson

TITLE Agent for Santa Fe Operating DATE 11-16-94

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL IF ANY

Gary Bowers

Area Manager
AREA MANAGER

APPROVED BY _____ TITLE _____ DATE DEC 16 1994

***See Instructions On Reverse Side**

DISTRICT I
P. O. Box 1980
Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-102
Revised 02-10-94
Instructions on back

DISTRICT II
P. O. Drawer DD
Artesia, NM 88211-0719

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

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

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

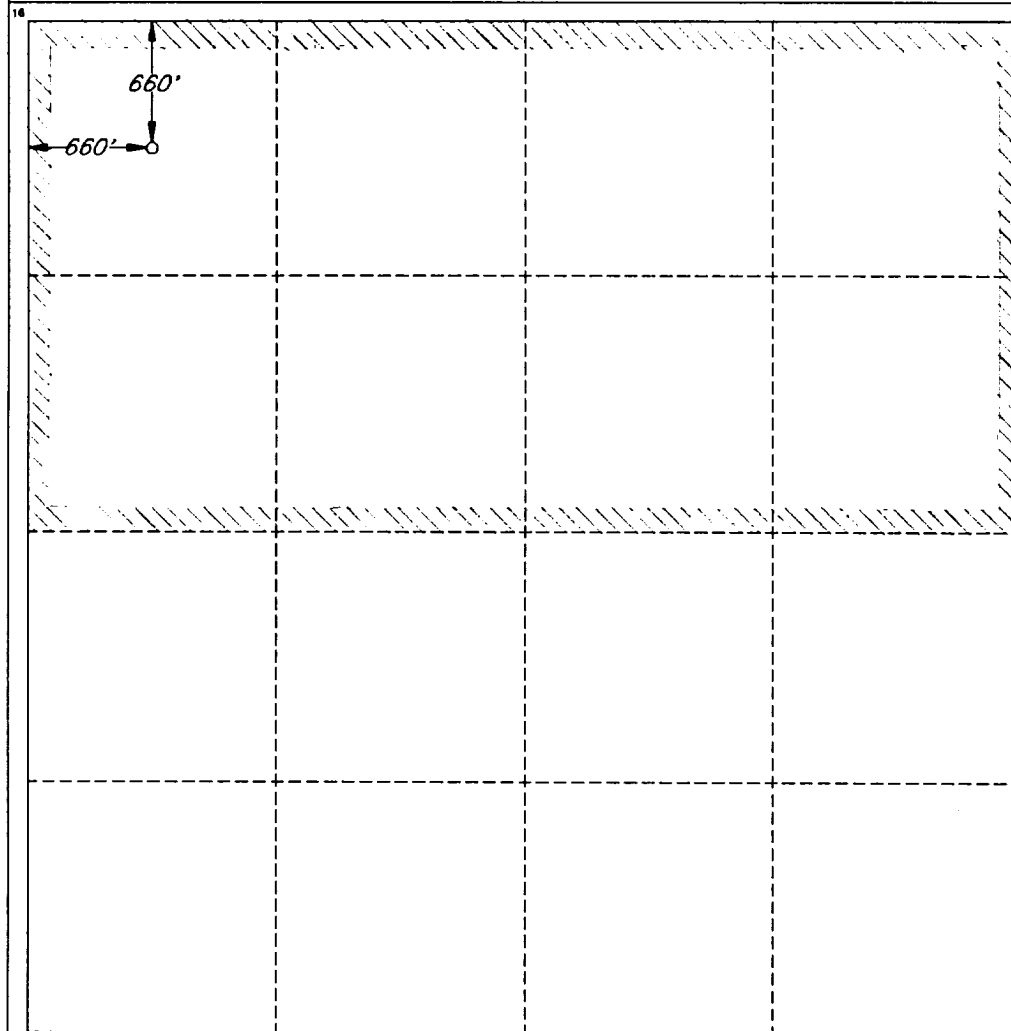
AMENDED REPORT

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name South Dagger Draw					
4 Property Code D		5 Property Name ROARING SPRINGS '13' FED.					6 Well Number 1		
7 OGRID No.		8 Operator Name SANTA FE ENERGY OPER. PART., L.P.					9 Elevation 3828'		
10 SURFACE LOCATION									
UL or lot no. D	Section 13	Township 21 SOUTH	Range 23 EAST, N.M.P.M.	Lot Ida	Feet from the 660'	North/South line NORTH	Feet from the 660'	East/West line WEST	County EDDY
"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 320		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT 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.

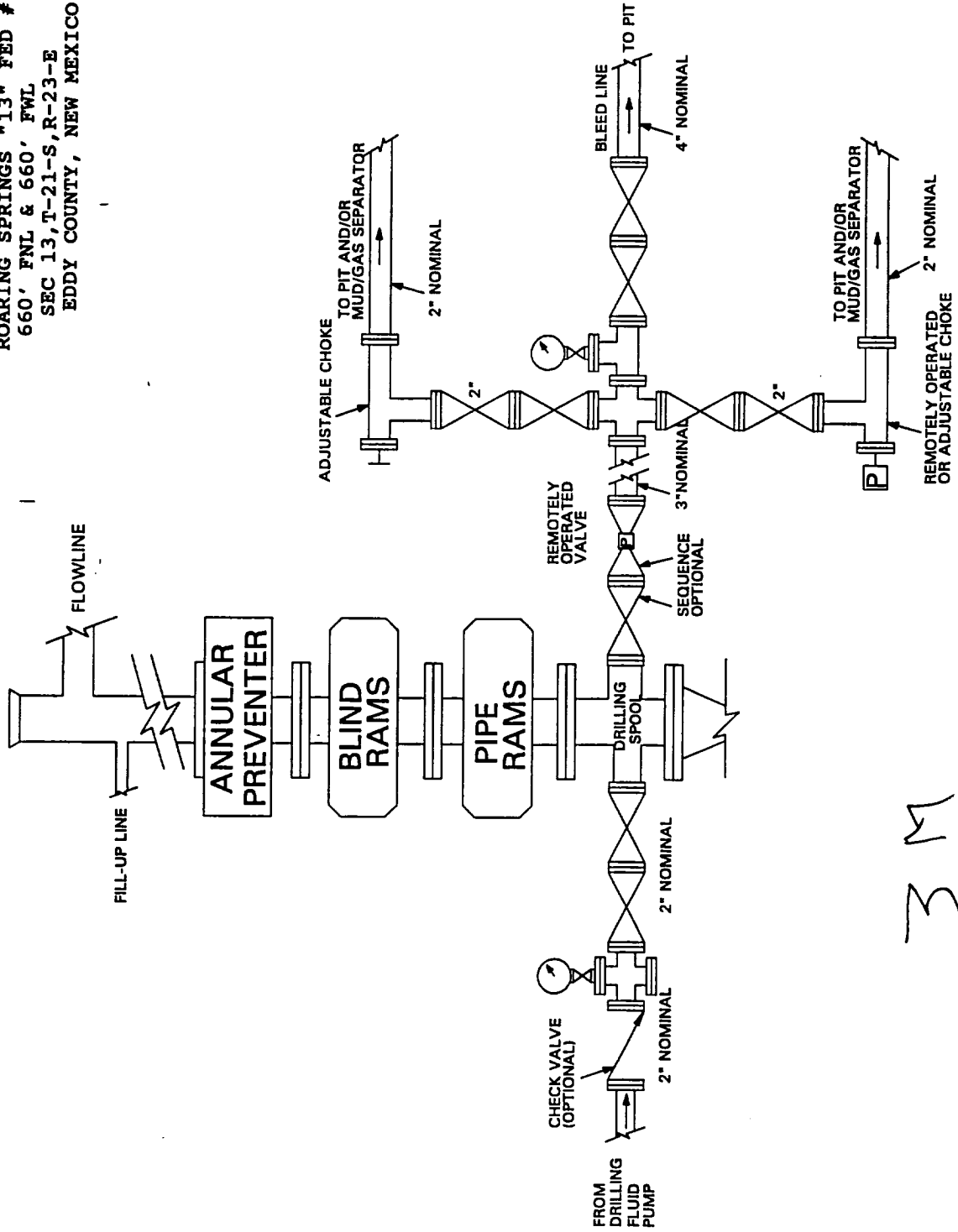
Signature: *James P. (Phil) Stinson*
Printed Name: James P. (Phil) Stinson
Title: Agent for Santa Fe Energy
Date: 11-16-94

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 belief.

Date of Survey: OCTOBER 24, 1994
Signature and Seal: *V. Lynn Bezner*
Professional Seal: V. LYNN BEZNER, NO. 7920
Certification: V. E. BEZNER, R.P.S. #7920
JOB #36118 / 48 SE / JSJ

EXHIBIT B
BOP AND CHOKE ARRANGEMENT
SANTA FE ENERGY OPERATING PARTNERS, L.P.
ROARING SPRINGS "13" FED #1
660' FNL & 660' FWL
SEC 13, T-21-S, R-23-E
EDDY COUNTY, NEW MEXICO



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