

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Santa Fe Energy Resources, Inc.

3. ADDRESS AND TELEPHONE NO.

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

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

At surface

(P) 990' FSL, 990' FEL, Sec 14, T-21-S, R-23-E

At proposed prod. zone

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

17 1/2 miles West of Carlsbad, New Mexico

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

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

990'

16. NO. OF ACRES IN LEASE

1240

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2333

19. PROPOSED DEPTH

8400'

17. NO. OF ACRES ASSIGNED
TO THIS WELL.

160 320

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

3817 GR

ROSWELL CONTROLLED WATER BASIN

22. APPROX. DATE WORK WILL START*

December 10, 1997

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	K-55, 9 5/8"	36.0	1600'	625 sx to circulate
8 3/4"	K-55, 7"	26.0	8400'	400 sx for TOC @ 6000'

We propose to drill to 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.

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 G - Well Site Layout

Surface Use and Operations Plan

H₂S Drilling Operations Plan

Exhibit F (A) - Plat of Location

Santa Fe Energy Resources, Inc. accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as described above.

Bond Coverage: Blanket Bond

BLM Bond File No.: MT 0750

This location was previously approved on 11-3-94.

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.

24.

SIGNED

James J. Phil "Jensen"

TITLE

Agent for Santa Fe Energy

DATE

11-7-97

(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:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

APPROVED BY

ORIG. SCD

FERGUSON

TITLE

ADM. MINERALS

DATE

11-19-97

*See Instructions On Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 76919																					
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																					
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.		7. UNIT AGREEMENT NAME																					
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1330 Midland, Texas 79701		8. FARM OR LEASE NAME, WELL NO. Roaring Springs "14" Fed																					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At <u>990'</u> UNORTHODOX LOCATION: (P) 1320' FSL, 1320' FEL, Sec 14, T-21-S, R-23-E At proposed prod. zone <u>990' (net)</u> Like Approval By State		9. API WELL NO.																					
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 17-1/2 miles West of Carlsbad, New Mexico		10. FIELD AND POOL, OR WILDCAT Indian Basin (Upper Penn)																					
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1320'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 14, T-21-S, R-23-E																					
16. NO. OF ACRES IN LEASE 1240		12. COUNTY OR PARISH Eddy																					
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE New Mexico																					
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2326' P&A		19. PROPOSED DEPTH 8400'																					
20. ROTARY OR CABLE TOOLS Rotary		21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3817 GR																					
22. APPROX. DATE WORK WILL START* October 20, 1994		23. PROPOSED CASING AND CEMENTING PROGRAM																					
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Exhibit F (A) - Plat of Location

Approval Subject to
General Requirements and
Special Stipulations
Attached

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.

21. SIGNED James P. Phil. Stinson TITLE Agent for Santa Fe Energy DATE 9-6-94
(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:

APPROVED BY Timothy P. O'Brien TITLE AREA MANAGER DATE 11-3-94
*See Instructions On Reverse Side

OPERATOR'S COPY

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
NM 6919 6-80428 mlt

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Santa Fe Energy Operating Partners, L.P.

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

(P) 990' FSL & 990' FEL, Sec 14, T-21-S, R-23-E

8. Well Name and No.

Roaring Springs "14" FedCom

9. API Well No.

10. Field and Pool, or Exploratory Area

South Dagger Draw

11. County or Parish, State

Eddy, New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Move Well Location</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

We respectfully request that the proposed location of the subject well be moved to comply with the South Dagger Draw Field Rules.

The new location is (P) 990' FSL & 990' FEL, Sec 14, T-21-S, R-23-E

A new Form Q-102, amended location plat is attached.

A new Archaeological Survey Report will be submitted by Desert West Archaeological Service.

14. I hereby certify that the foregoing is true and correct

Signed James P. Phil

Title Agent for Santa Fe Energy

Date 10-26-94

(This space for Federal or State office use)

Approved by Timothy P. O'Brien

Title AREA MANAGER

Date 11-3-94

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

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

State of New Mexico
Er Minerals, and Natural Resources Incent

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

☒ AMENDED REPORT

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-29956		2 Pool Code 15475		3 Pool Name South Dagger Draw					
4 Property Code P		5 Property Name ROARING SPRINGS '14' FED.						6 Well Number 3	
7 OGRID No.		8 Operator Name SANTA FE ENERGY RESOURCES, INC.						9 Elevation 3810'	
10 SURFACE LOCATION									
UL or lot no. P	Section 14	Township 21 SOUTH	Range 23 EAST, N.M.P.M.	Lot 1da	Feet from the 990'	North/South line SOUTH	Feet from the 990'	East/West line EAST	County EDDY
"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE"									
UL or lot no.	Section	Township	Range	Lot 1da	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 "Phil" Stinson

Title

Agent for Santa Fe Energy

Date

10-26-94

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 of
Professional Surveyor

V. LYNN
BEZNER
NO. 7920

Certified New Land Survey
V. L. BEZNER, R.L.S. #7920

IOR #36115 / 48 SE / 16

EXHIBIT B

SANTA FE ENERGY RESOURCES, INC.
 ROARING SPRINGS "14" FED NO. 3
 990' FSL & 990' FEL
 SECTION 14, T-21-S, R-23-E
 EDDY COUNTY, NEW MEXICO

