

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator ☒
Santa Fe Energy Resources, Inc.

3a. Address 550 W. Texas, Suite 1330, Midland, TX 79701
3b. Phone No. (include area code) 915-686-6612

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
(H), 1980' FNL and 660' FEL, Sec. 14, T-21S, R-23E

Proposed BHL: (E), 1980' FNL and 660' FWL, Sec. 14, T-21S, R23E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Roaring Springs
"14" Fed Com #5

9. API Well No.
30-015-28302

10. Field and Pool, or Exploratory Area
Dagger Draw, South
(Upper Penn)

11. County or Parish, State
Eddy NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

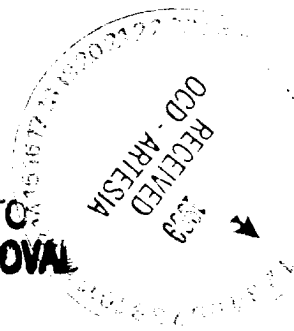
TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | Drill horizontal |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | lateral |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Santa Fe Energy Resources, Inc. respectfully requests permission to drill one horizontal lateral from the existing well bore. The lateral will be drilled into the existing producing Cisco-Canyon interval as per the attached directional plan.

SUBJECT TO
LIKE APPROVAL
BY STATE



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Terry McCullough

Title

Sr. Production Clerk

Date May 14, 1999

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) DAVID H. GLASS

Title

PETROLEUM ENGINEER

Date

MAY 28 1999

Conditions of approval, if any, are attached. Approval of this notice 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.

Office

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

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

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

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

☒ 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 30-015-28302	2 Pool Code 15475	3 Pool Name Dagger Draw, So. (Upper Penn)
4 Property Code H	5 Property Name ROARING SPRINGS '14' FED. COM.	6 Well Number 5
7 OGRID No.	8 Operator Name SANTA FE ENERGY RESOURCES, INC.	9 Elevation 3814'

10 SURFACE LOCATION

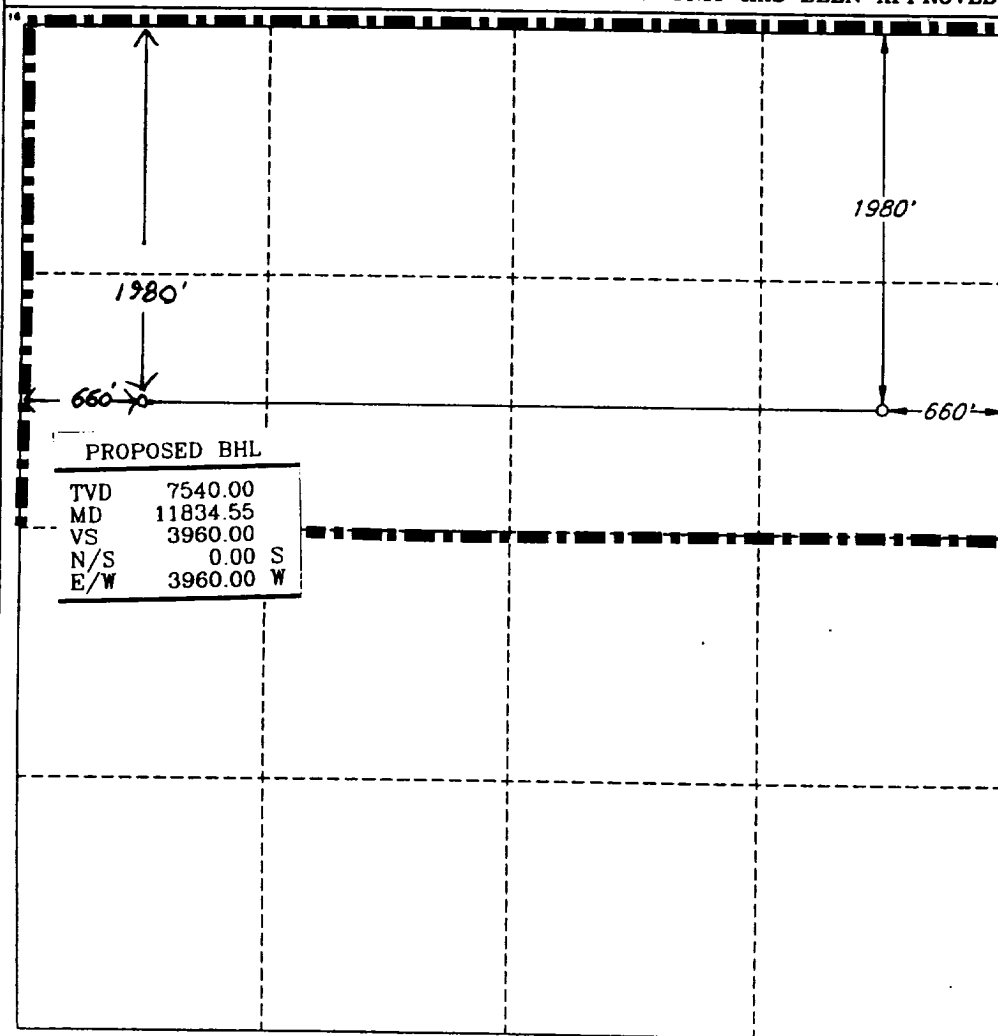
UL or lot no. H	Section 14	Township 21 SOUTH	Range 23 EAST, N.M.P.M.	Lot Ida	Feet from the 1980'	North/South line NORTH	Feet from the 660'	East/West line EAST	County EDDY
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"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

UL or lot no. E	Section 14	Township 21 SOUTH	Range 23 EAST, N.M.P.M.	Lot Ida	Feet from the 1980'	North/South line North	Feet from the 660'	East/West line West	County EDDY
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12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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
Michael R. Burton
Printed Name
MICHAEL R. BURTON
Title
DIVISION MANAGER-DRILLING
Date
5/14/1999

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
Certification No.
V. L. BEZNER AND R.P.S. #7920
JOB #36117-48 SE / JS.I

Proposal Report

Date: 5/12/99
 Time: 2:40 pm
 Wellpath ID: PRELIMINARY WELLPLAN
 Last Revision: 5/12/99

Calculated using the Minimum Curvature Method

Computed using PDS VER2.2.6

Vertical Section Plane: 270.00 deg.

Survey Reference: WELLHEAD

Offset, Referenced to WellHead: (ft.): 0.00 N 0.00 E 0.00 TVD

Vertical Section Reference: WELLHEAD

Closure Reference: WELLHEAD

TVD Reference: KB

SANTA FE ENERGY RESOURCES, INC.

ROARING SPRINGS #14-5

SECTION 14, T-21-E, R-23-E

EDDY COUNTY, NEW MEXICO

PRELIMINARY WELLPLAN

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft) (ft)		DLS (dg/100ft)
KOP BUILD @ 38.20 deg/100 ft								
7770.00	0.00	0.00	0.00	7770.00	0.00	0.00 N	0.00 E	0.00
7870.00	38.20	270.00	100.00	7862.76	32.12	0.00 S	32.12W	38.20
7970.00	76.39	270.00	100.00	7915.79	114.71	0.00 S	114.71W	38.20
8005.62	90.00	270.00	35.62	7920.00	150.00	0.00 S	150.00W	38.20
END OF BUILD								
8020.57	95.71	270.00	14.95	7919.26	164.92	0.00 S	164.92W	38.20
TARGET								
11834.55	95.71	270.00	3813.98	7540.00	3960.00	0.00 S	3960.00W	0.00

RECEIVED
MAY 18 99
BLM
ROOSEVELT, NM