Form 3160-5 (June 1990)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

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URB 3-26 96

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993

5.	Lease	Designation	and	Serial	No

Secondary   Complete	SUNDRY NOTICES AND REPORTS ON WELLS AND REPORTS OF	
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  Use "APPLICATION FOR PERMIT -" for such proposals  SUBMIT IN TRIPLICATE  1. Type of Well  2. A Surger and Tableson No.  550 N. Texas, Suite 1330, Midland, TX 79701 (505) 887-0821  3. Address and Tableson No.  550 N. Texas, Suite 1330, Midland, TX 79701 (505) 887-0821  3. Check APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION  Note of Insent  1. Submequent Report  1. Type of Notice Proposed or Completed Operations (Clearly seas all pertnessed details, and size proposed well. If well is directionally drill  Describe Proposed or Completed Operations (Clearly seas all pertnessed details, including estimated date of marring surp proposed werk. If well is directionally drill  Describe Proposed or Completed Operations (Clearly seas all pertnessed details, including estimated date of marring surp proposed werk. If well is directionally drill  Describe Proposed or Completed Operations (Clearly seas all pertnessed details, including estimated date of marring surp proposed werk. If well is directionally drill  Describe Proposed or Completed Operations (Clearly seas all pertnessed details, including estimated date of marring surp proposed werk. If well is directionally drill  Describe Proposed or Completed Operations (Clearly seas all pertnessed details) and seas pertnessed details and pertnessed details and pertnessed details and pertnessed details. Including estimated date of marring surp proposed werk. If well is directionally drill  Describe Proposed or Completed Operations (Clearly seas all pertnessed details) and pertnessed details and pertnessed details and pertnessed details. In the pertnessed details and pertnessed details and		NM-34850
SUBMIT IN TRIPLICATE    Type of Well   Single   Secondary   Second	Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name
Secondary   Complete	SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
AMETHYST 22 FED  Santa Fe Energy Resources, Inc.  3. Address and Telephone No.  550 M. Texas, Suite 1330, Midland, TX 79701 (505) 887-0821  4. Location of Woll (Predays, Sec., T. R., M., or Survey Description)  (C) 760 FNL & 2080 FNL S22 T19S R33E  11. County or Purish, State  LEA NM  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  Now Construction  Now Construc	1. Type of Well Oil V Gas	8. Well Name and No
Saffice for Enterpty Resources, Inc.  55. Address and Texas, Suite 1330, Midland, TX 79701 (505) 887-0821  10. Field and Poot, or exploratory Area  30-025-30928  10. Field and Poot, or exploratory Area  31. Ceutory of Parish, State  LEA NM  11. County or Parish, State  LEA NM  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION  Non-Routing Frequency  Recompletion  Recom	Well Other  2. Name of Operator	AMETHYST 22 FED
4. Location of Well (Footage, Sec., T., R., M., of Survey Description)  4. Location of Well (Footage, Sec., T., R., M., of Survey Description)  (C) 760 FNL & 2080 FWL S22 T19S R33E  11. Country or Parish, State  LEA NM  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION  Non-Routine Fracturing  Recompletion  Non-Routine Fracturing  Recompletion  Non-Routine Fracturing  Recompletion  Describe Proposed or Completed Operations (Clearly state all pertinent detail), and give pertinent dates, including estimated date of starting any proposed work. If well it directionally drill give behaviors of Substantian of Substant		9. API Well No.
JEM (MORROW)  (C) 760 FNL & 2080 FWL S22 T19S R33E    II. County or Partith, State   LEA NM	·	
TYPE OF SUBMISSION  TYPE OF SUBMISSION  Notice of Intent  Recompletion  Recompletion  Plugging Back Non-Routine Fracturing  No	4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Abundonment Recompletion Now Construction Now	(C) 760 FNL & 2080 FWL S22 T19S R33E	11 County or Parish State
TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Abandonment  Recompletion  Recompletion  Recompletion  Plugging Back Non-Routine Frienting  Conversions to Injection  Dispose Water  Conversions to Injection  Dispose Water  Conversions Clearly Rate all pertisess details, and give pertisent data, including estimated date of starting any proposed with. If well is directionally drift give subsurface locations and measured and true vertical depths for all markers and conseperation of Lovington, N.M.  Produced water is currently trucked by Gandy Corporation of Lovington, N.M.  Requested sites are: Primary-Government E SWD #559, NM 92534  S25 T19S R32E  Secondary-Pronghorn SWD #536, NM 72767  S24 T19S R32E Lea, N.M.  330 FWL & 1650 FEL  Title Area Superintendent  Distormand Control of Control of State office utc)  Title Area Superintendent  Distormand  Distormand  Title PETROLEUM ENSINGLES  Date  5 1/1966		
Abandonment   Abandonment   Recompletion   New Construction   Non-Routine Fracturing   Casing Repair   Water Shut-Off   Casing Repair   Construction   Casing Repair   Convertion to Injection   Convertion to Injection   Casing Repair   Convertion to Injection   Convertion to Injection   Casing Repair   Convertion   Casing Repair   Casing	CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPO	
Recompletion   New Construction   New Construction   New Construction   New Construction   Non-Routine Fracturing   Water Shut-Off   Conversion to Injection   Conversion to I	TYPE OF SUBMISSION TYPE OF ACT	FION
Subsequent Report	Notice of Intent Abandonment	Change of Plans
Casing Repair   Water Shint-Off   Conversion to Injection   Dispose Water   Change swd site   Dispose Water   Change swd site   Dispose Water   Change swd site   Conversion to Injection   Conversion of Report and Log form.)    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 drill give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*    Santa Fe Energy Resources, Inc. is requesting a change of swd site for this well.    Produced water is currently trucked by Gandy Corporation of Lovington, N. M.     Requested sites are: Primary-Government E SWD #559, NM 92534   S25 T19S R34E     Secondary-Pronghorn SWD #536, NM 72767   S24 T19S R32E, Leq., N.M.   330 FWL & 1650 FEL   OCCUPATION   S24 T19S R32E, Leq., N.M.   330 FWL & 1650 FEL   OCCUPATION   S24 T19S R32E, Leq., N.M.   S25 T19S R34E   OCCUPATION   S25 T19S R34E   OCCUPATION   S26 T19S R34E   OCCUPATION   O	Recompletion	New Construction
Altering Casing    Conversion to Injection   Dispose Water   Note: Remeable of naulipic competion on Well   Completion of Recompletion Report and Log form.)    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 drill give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*    Santa Fe Energy Resources, Inc. is requesting a change of swd site for this well.    Produced water is currently trucked by Gandy Corporation of Lovington, N.M.     Requested sites are: Primary-Government E SWD #559, NM 92534   S25 T19S R34E     Secondary-Pronghorn SWD #536, NM 72767   S24 T19S R32E, Leq., N.M.   330 FWL & 1650 FEL   S26 T19S R32E, Leq., N.M.   S26 T19S R32E, Leq., N.M.   S27 T19S R32E, Leq., N.M.   S28 T19S R32E, Leq., N	X Subsequent Report Plugging Back	Non-Routine Fracturing
Altering Casing    Conversion to Injection	Casing Repair	Water Shut-Off
Choice: Report results of multiple completion Report and Log form.)  Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertunent dates, including estimated date of starting any proposed work. If well is directionally drill give abburface locations and measured and true vertical depths for all markers and zones pertunent to this work.)*  Santa Fe Energy Resources, Inc. is requesting a change of swd site for this well.  Produced water is currently trucked by Gandy Corporation of Lovington, N.M.  Requested sites are: Primary-Government E SWD #559, NM 92534 S25 T19S R34E  Secondary-Pronghorn SWD #536, NM 72767 S24 T19S R32E, LCQ, N.M. 330 FWL & 1650 FEL  Secondary will be used only in event primary cannot be used.  Title Area Superintendent  Date 03/13/96  Title PETROLEUM ENGINEER  Date 51/1/96	Final Abandonment Notice Altering Casing	Conversion to Injection
Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drill give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*  Santa Fe Energy Resources, Inc. is requesting a change of swd site for this well.  Produced water is currently trucked by Gandy Corporation of Lovington, N.M.  Requested sites are: Primary-Government E SWD #559, NM 92534  \$25 T19S R34E  Secondary-Pronghorn SWD #536, NM 72767  \$24 T19S R32E, Lea, N.M.  330 FWL & 1650 FEL  Secondary will be used only in event primary cannot be used.  Title Area Superintendent  Date 03/13/96  PETROLEUM ENGINEER  Date 5///96	X Other <u>change swd sit</u>	Dispose Water
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 drill give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*  Santa Fe Energy Resources, Inc. is requesting a change of swd site for this well.  Produced water is currently trucked by Gandy Corporation of Lovington, N.M.  Requested sites are: Primary-Government E SWD #559, NM 92534  \$25 T19S R34E  Secondary-Pronghorn SWD #536, NM 72767  \$24 T19S R32E, Leq., N.M.  330 FWL & 1650 FEL  Secondary will be used only in event primary cannot be used.  Tide Area Superintendent  Date 03/13/96  Tide Area Superintendent  Date 03/13/96  Tide ORIG. SCD.) JOE G. LARA  Title PETROLEUM ENGINEER  Date 51/1/96		(Note: Report results of multiple completion on Well
14. I hereby certify the the Gregorian force and correct Signed	give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*	of starting any proposed work. If well is directionally drille
Approved by DateDate	Santa Fe Energy Resources, Inc. is requesting a change of swd.  Produced water is currently trucked by Gandy Corporation of Log.  Requested sites are: Primary-Government E SWD #559, NM 92534 S25 T19S R34E  Secondary-Pronghorn SWD #536, NM 72767 S24 T19S R32E, Leg., N.M. 330 FWL & 1650 FEL	site for this well.  ovington, N.M.  BUREAU FLANCE LANGE LAN
Conditions of approval, if any:	2. Santa Fe Energy Resources, Inc. is requesting a change of swd.  2. Produced water is currently trucked by Gandy Corporation of Log.  3. Requested sites are: Primary-Government E SWD #559, NM 92534  S25 T19S R34E  Secondary-Pronghorn SWD #536, NM 72767  S24 T19S R32E, Leq., N.M.  330 FWL & 1650 FEL  3. Secondary will be used only in event primary cannot be used.  14. Thereby certify the foregraph of the and correct  Signed  Title Area Superintendent	site for this well.  ovington, N.M.  BUREAU STAND MCHT  BUREAU STAND MCHT  Date 03/13/96

