

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
E. Minerals & Natural Resources Department

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

CISF
dp

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator name and Address Santa Fe Energy Resources, Inc. 550 W. Texas, Suite 1330 Midland, TX 79701		² OGRID Number 020305
		³ API Number 30-0 30-015-24129
⁴ Property Code 016692	⁵ Property Name Craft	⁶ Well Number 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
E	13	24S	28E		1980	North	660	West	Eddy

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County

⁹ Proposed Pool 1

Undesignated Malaga Morrow (Gas)

¹⁰ Proposed Pool 2

Current compl. Malaga Atoka (Gas)

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary N/A	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation
¹⁶ Multiple No	¹⁷ Proposed Depth 12,98' TD	¹⁸ Formations Morrow or Atoka	¹⁹ Contractor To be determined	²⁰ Spud Date Anticipate 1/15/97

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	94.0#	352'	800 sx "C"	Surface
17-1/2"	13-3/8"	61.0 & 54.5#	2654'	2200 sx	Surface
12-1/4"	9-5/8"	47.0 & 43.5#	9900'	2400 sx	3675' (TS)
	7-5/8" Liner	39.0#	9500'-12099'	750 sx	9400' tagged
	5"	18.0#	11913'-12981'	255 sx	11,862' tagged

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Run packer to isolate the Morrow.
 2. Perf Morrow 12,536'-12,716'. Test & stimulate as necessary. If an acceptable rate is established, the well will be completed in the Morrow.
 3. If Morrow rate is unacceptable, the zone will be plugged with a CIBP set at 12,300' & 35' of cement placed on top of CIBP. The current Atoka perms 11,868'-11,884' will be plugged with a CIBP at 11,850'.
 4. The Atoka formation would then be perforated at 11,792'-11,797' and tested for economical production.
- The anticipated start date of this work is January 15, 1997.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Terry McCullough</i>		OIL CONSERVATION DIVISION	
Printed name: Terry McCullough		Approved by: <i>Jim W. Gurn</i> BGS	
Title: Sr. Production Clerk		Title: <i>District Supervisor</i>	
Date: 1/08/97		Approval Date: 1-15-97 Expiration Date: 1-15-98	
Phone: 915/687-3551		Conditions of Approval: Attached <input type="checkbox"/>	