

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-1
Revised March 17, 1995

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 SANTA FE SNYDER CORP.		² OGRID Number 020305
		³ API Number 30- 15-24827
⁴ Property Code 016676	⁵ Property Name Weems	⁶ Well No. 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
C	27	22S	27E		990	North	1330	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 Carrlsbad; Wolfcamp, East Carrlsbad; Wolfcamp 74/60					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3108.4' GL
¹⁶ Multiple N/A	¹⁷ Proposed Depth 12,032' Actual	¹⁸ Formation Wolfcamp	¹⁹ Contractor	²⁰ Spud Date

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	54.5	455'	1000 sx C1 "C"	Circ'd to surface
12-1/4"	9-5/8"	40.0	5,505'	2575 sx PSL & C	Circ'd to surface
8-1/2"	5-1/2"	20.0	12,032'	715 sx C1 "H"	8850'

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.

It is planned to perforate and test the Wolfcamp. A CIBP will be set at 11,100' with 60' of cement dump bailed on top. A second CIBP will be set at 10,450' with 60' of cement dump bailed on top. The Wolfcamp formation will then be perforated at 9062'-9084' and 9104'-0114' w/ 2 SPF. Acid fracture w/ 5000 gal 20% HCl is planned. Additional stimulation will be as necessary. The Wolfcamp interval will be flow tested and appropriate forms will be filed.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Terry McCullough

Title: Sr. Production Clerk

Date:

Jan. 28, 2000

Phone:

915/682-2635

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: 2-4-00

Expiration Date: 2-4-01

Conditions of Approval:

Attached ☐