

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
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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

Operator Name and Address. Santa Fe Energy Resources, Inc. 550 W. Texas, Suite 1330 Midland, TX 79701		OGRID Number 20305
Permit Expires 1 Year From Approval Date Unless Drilling Underway		API Number 30-025-34146
Property Code 17376	Abe Unit	Well No. 2

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
H	29	21-S	33-E		1650	North	660	East	Lea

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Grama Ridge (Morrow)					Proposed Pool 2				
LEGG'S AIOKA-MORROW									

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Gross Level Elevation 3703
Multiple No	Proposed Depth 15100	Formation Morrow	Contractor To be determined	Spud Date 9-29-97

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	1650'	1800	surface
12 1/4"	9 5/8"	40.0	5200'	2600	surface
8 3/4"	7"	26.0	12000'	800	8000'
6 1/8"	4 1/2"	13.5	15100"	500	Top of Liner ±11800'

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.

Rig up rotary tools. Set 13 3/8" casing @ 1650', WOC 12 hours, NU annular preventor and test casing to 600.psi. Set 9 5/8" casing @ 5200', WOC 12 hours and NU 10M triple ram BOP w annular. Test casing to 2000 psi. Set 7" casing @ 12000', install a rotating head and test BOP stack and choke manifold to 10000 psi.

POTASH AREA

Test casing to 3000 psi. Drill to a TD of 15100'. Run logs and evaluate for completion or P & A.

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

Signature:

James P. Stinson

Printed name:

James P. Stinson

Title:

Agent for Santa Fe Energy

Date:

9-22-97

Phone (915) 682-6373

OIL CONSERVATION DIVISION

Approved by ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Title:

Approval Date SEP 25 1997

Expiration Date:

Conditions of Approval:

Attached ☐