

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
Oil, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
P.O. 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, PLUG BACK, 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 020290
⁴ Property Code 10691 14650	⁵ Property Name Harroun "32" State Com.	³ API Number 30-015-28344
		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
D	32	23-S	29-E		660'	North	1180'	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 Wildcat Atoka-Morrow Laguna Salado (Morrow)					¹⁰ Proposed Pool 2 Laguna Salado (Atoka) 79860				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 2989'
¹⁶ Multiple No	¹⁷ Proposed Depth 13,400'	¹⁸ Formations Atoka/Morrow	¹⁹ Contractor To be determined	²⁰ Spud Date est. 3/1/95

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"	48	400'	450 sx	Surface
12-1/4"	9-5/8"	36	2700'	1600 sx	Surface
8-3/4"	7"	26	10,400'	800 sx	6000'
6-1/8"	4-1/2"	13.5	10,100-13,400	600 sx	Liner top

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

Rig up rotary tools. After setting 13-3/8" casing at 400', WOC 12 hours. NU annular preventer and test casing to 600 psi. After setting 9-5/8" casing at 2700', WOC 12 hours and NU 10M triple ram BOP w/ Hydril. Test casing to 1500 psi. After setting 7" casing at 10,400', install rotating head and test BOP stack and choke manifold to 10,000 psi., test casing to 3000 psi.

Post FD-1
3-3-95
New Doc & APE
Notify N.M.O.C.C. in sufficient
time to witness cementing
the casing

Application Expired

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

Signature: Darrell Roberts
Printed name: Darrell Roberts
Title: Division Drilling Engineer
Date: January 31, 1995
Phone: 915-687-3551

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM
Title: DISTRICT II SUPERVISOR

Approval Date: 2/27/95
Expiration Date: 8/27/95
Conditions of Approval:
Attached ☐

NSC 3466