

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

¹ Operator Name and Address GECKO 3100 N. -A- Street, Suite 118 Rohill Building Midland, Texas 79705		¹ OGRID Number 025739
⁴ Property Code 24841	³ Property Name New Mexico -EQ- State	¹ API Number 30-025-34681
		⁴ Well No. 2

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
A	16	16S	35E		990	N	990	E	Lea

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 North Shoe Bar Devonian					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4004'
¹⁶ Multiple No	¹⁷ Proposed Depth 13,850'	¹⁸ Formation Devonian	¹⁹ Contractor FWA Peterson	²⁰ Spud Date 08/28/99

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#	500'	550	Circ
11	8 5/8	32#	5000'	1310	Circ
7 7/8	5 1/2	17#	13,850'	675	10,000

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. Spud well and drill surface hole to 500' with native mud.
2. Run and cement surface casing as shown above. Test casing to 500#.
3. Drill intermediate hole to 5000' with saturated brine mud.
4. Run and cement intermediate casing as shown above. Test casing to 1000#.
5. Drill 7 7/8" hole to TD with fresh water based mud.
6. Possible DSTs in Wolf Camp, Strawn, Atoka, Morrow, and Devonian.
7. Run electric and porosity logs. Evaluate for production.

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

Signature:

Printed name:

Steve L. Thomson

Title:

President

Date:

August 25, 1999

Phone:

(915) 686-0121

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY CHRIS WILLIAM

Title:

DISTRICT I SUPERVISOR

Approval Date:

AUG 27 1999

Expiration Date:

Conditions of Approval:

Attached ☐

CT

