

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☒ AMENDED REPORT

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

¹ Operator Name and Address CHI OPERATING, INC P.O. BOX 1799 MIDLAND, TEXAS 79702		² OGRID Number 004378
		³ API Number 30 -
⁴ Property Code	⁵ Property Name KODIAK	⁶ Well No. 1
⁹ Proposed Pool 1		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no. I	Section 17	Township 22S	Range 27E	Lot Idn	Feet from the 1980'	North/South line SOUTH	Feet from the 660	East/West line EAST	County EDDY
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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
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3111
¹⁶ Multiple	¹⁷ Proposed Depth 12100	¹⁸ Formation MORROW	¹⁹ Contractor UNKOWN	²⁰ Spud Date 3/1/05
Depth to Groundwater 45'		Distance from nearest fresh water well +600		Distance from nearest surface water Over 1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> Closed-Loop System <input type="checkbox"/>		Clay <input type="checkbox"/> Pit Volume: _____ bbls		Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17½"	13 3/8"	+48.5# J-55	±350'	±400	SURFACE
12¼"	9 5/8"	40/36# J-55	±5300'	±1000	SURFACE
8¾"	7"	26# N-80	±10,500'	±400	±8000'
6 1/8" (If 7" is set)	4 ½" Liner	11.6# N-80	12,000'	As deemed necessary	500' above productive
7 7/8" (If 7" is not)	5 ½"	20/17# N-80	12,000'	As deemed necessary	zones

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.

Drill surface hole to 350', set csg & cement to surface. WOC-18 hrs. While WOC, NU annular, tst csg. Drill intermediate to base of Delaware ±5300'. Cement to surface. While WOC, NUBOP & test. Tst csg before drill out. Drill 8¾" hole to ±10500'. (If necessary, set 7" psi string & cement. If 7" is set, drill 6 1/8" hole to TD. Log/evaluate, set liner & cement.) If 7" is not set, continue to TD. Log/evaluate, set csg & cement.

(If 1800' is anticipated, will monitor from 1800'-TD). (BOP pipe rams will be tested daily, blinds on all trips).
(Closest dwelling +540')

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: JOHN W. WOLF

Title:

E-mail Address:

Date: 2/11/05

Phone: 432-685-5001

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☐

FOR RECORDS ONLY
FEB 21 2005