

State of New Mexico  
Energy, Minerals and Natural Resources

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

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, TX 79702		2. OGRID Number 4378
		3. API Number 30-025-38525
4. Property Code 36083	5. Property Name ELKAN	6. Well No. 002

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	11	14S	34E	H	1980	N	660	E	LEA

8. Pool Information

CERCA, UPPER PENN	11810
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Additional Well Information

9. Well Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 4099
14. Multiple N	15. Proposed Depth 10800	16. Formation Pennsylvanian	17. Contractor	18. Spud Date 10/27/2006
Depth to Ground water 69		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ miles thick Clay <input type="checkbox"/> Pit Volume: 3200 bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48.5	450	400	
Int1	11	8.625	32	4500	800	
Prod	7.875	5.5	17	10800	500	8000

Casing/Cement Program: Additional Comments

Cement surface: approx. 400 sks C+ additives - circ. Cement Intermediate: approx 800 sks C+ additives - circ. Cement prod.: approx. 500 sks C+ additives

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Shaffer

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 NMOCB guidelines ☒ a general permit ☐ or an (attached) alternative OCB-approved plan ☐.

Printed Name: Electronically filed by John Wolf

Title: Engineer

Email Address: johnwolf@chienergyinc.com

Date: 10/17/2006

Phone: 432-685-5001

OIL CONSERVATION DIVISION

Approved By: Chris Williams

Title: District Supervisor

Approved Date: 10/17/2006

Expiration Date: 10/17/2007

Conditions of Approval Attached

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Case No. 13815 Exhibit No. 3  
Submitted by:  
CHI OPERATING INC.  
Hearing Date: November 9, 2006

District I

1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**

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

Form C-102  
Permit 39770

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-38525	2. Pool Code 11810	3. Pool Name CERCA,UPPER PENN
4. Property Code 36083	5. Property Name ELKAN	6. Well No. 002
7. GRID No. 4378	8. Operator Name CHI OPERATING INC	9. Elevation 4099

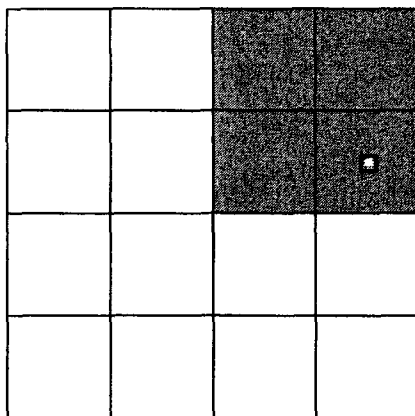
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	11	14S	34E		1980	N	660	E	LEA

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 160.00		13. Joint or Infill		14. Consolidation Code		15. Order No.			

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN  
CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

E-Signed By: John Wolf  
Title: Engineer  
Date: 10/17/2006

**SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

Surveyed By: Gary Edison  
Date of Survey: 10/13/2006  
Certificate Number: 12641

## Permit Conditions of Approval

Operator: CHI OPERATING INC , 4378

Well: ELKAN #002

API: 30-025-38525

OCD Reviewer	Condition
DMULL	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines