

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, TX 79702		² OGRID Number	
³ Property Code 34301		⁴ API Number 30-015-24810	
⁵ Property Name Otis 33		⁶ Well No. 2	
⁹ Proposed Pool Eggs		¹⁰ Proposed Pool 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
C	33	22S	27E		990	North	2130	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
C	33	22S	27E	C	990	North	2130	West	Eddy

Additional Well Information

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3107
¹⁶ Multiple	¹⁷ Proposed Depth	¹⁸ Formation	¹⁹ Contractor	²⁰ Spud Date
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method:				
Closed-Loop System <input type="checkbox"/> Fresh Water x 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
17 1/2	13 3/8	54.5	443	475	surface
12 1/4	9 5/8	40	5480	1900	surface
7 7/8	5 1/2	20	12052	2400	6000'

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.

Location and working pit prep per NMOCD guidelines(

Rig up DD workover unit

Install BOP and test

Drill out open hole cement plugs at surface (50 sx), 387' (35 sx), 2600' (100' plug), 5382' - 5467' (200 sx)

Drill out cased hole plug at 8700-8900'

Clean out casing to CIBP @ 10200'

Dress off casing stub at 5467'

PU 5-1/2" casing, bowl over and tie back to surface

RIH w/ 2-3/8 tubing and packer and set at approximately 9400'

Perforate Wolfcamp with thru tubing guns

Acidize and test

Install surface production equipment

Tie to sales line

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 X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Gary Womack

Title: Engineer

E-mail Address: garyw@chienergyinc.com

Date: 8-10-2004

Phone: 432-685-5001

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM

DISTRICT II SUPERVISOR

Approval Date:

SEP 23 2004

Expiration Date:

SEP 23 2005

Conditions of Approval Attached ☐

District I
PO Box 1880, Hobbs, NM 88241-1880
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions of back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-24810	2 Pool Code	3 Pool Name
4 Property Code	5 Property Name Otis 33	6 Well Number 2
7 OGRID No. 4376	8 Operator Name Chi Operating, Inc.	9 Elevation

10 Surface Location

UL or lot no.	Section 33	Township 22S	Range 27E	Lot Idn	Feet from the 990	North/South line NORTH	Feet from the 2130	East/West Line WEST	County EDDY
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11 Bottom Hole Location If Different From Surface

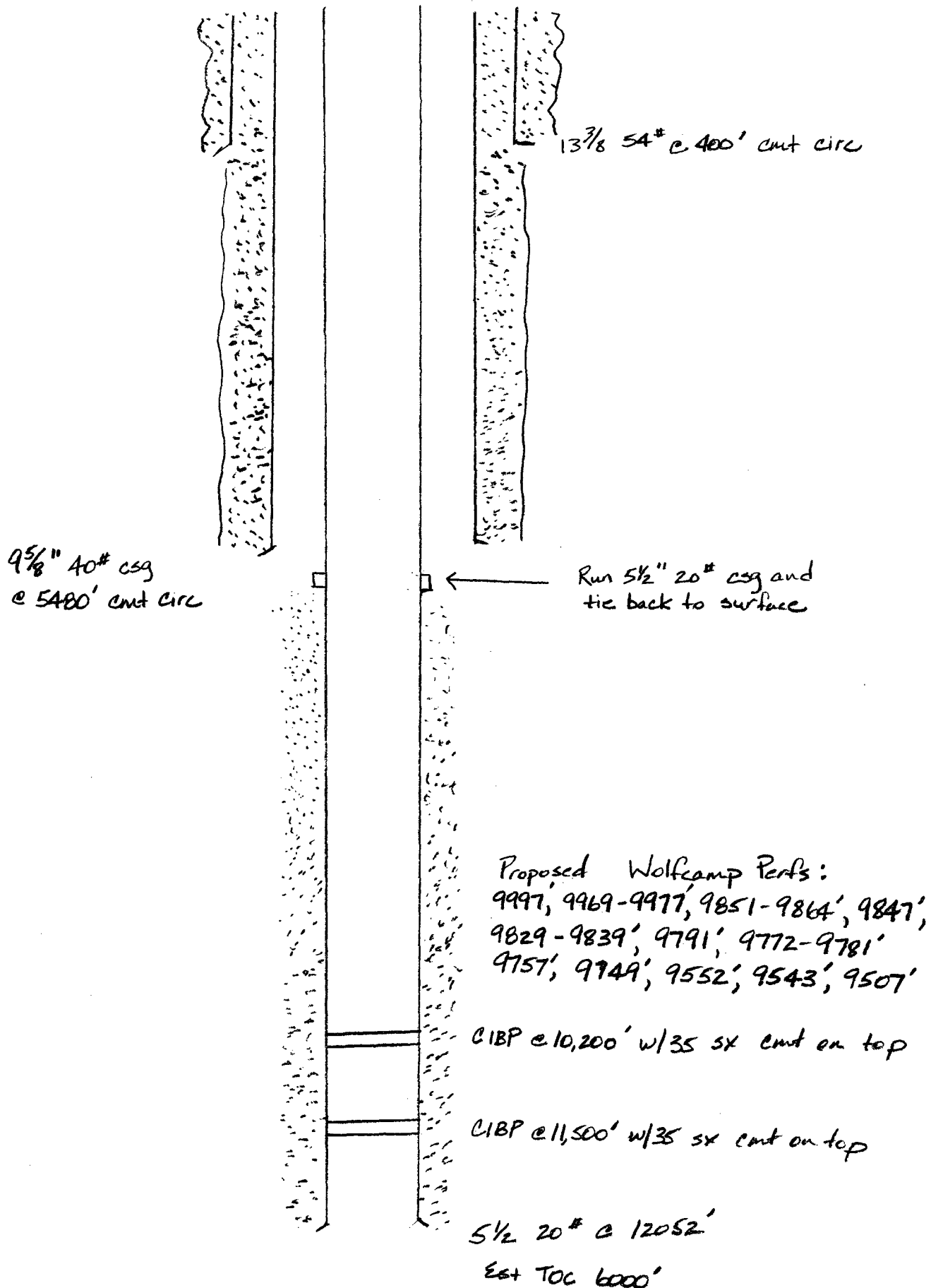
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.						

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

				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature John W. Qualls Printed Name John W. Qualls Title UP - Landman Date 9/23/2004	
				18 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 better. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number	

Proposed Re-entry and Completion

Dis 33 No. 2
990' FNL ± 2130 FWL
Sec. 33 T-22S-R27E



Existing Wellbore

Otis 33 No. 2
990' FNL & 2130' FWL
Sec. 33 T-22S-R27E

