

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
1301 W. Grand Ave., Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-101

### APPLICATION FOR PERMIT TO DRILL

Operator Name and Address  CONCHO RESOURCES, INC. 550 W. Texas Ave, Suite 1300 Midland, TX 79701		OGRID Number 193407
		API Number 30-025-36451
Property Code 33016	Property Name Burrus "23"	Well No. 005

#### Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	23	12S	38E	F	2310	N	1650	W	Lea

#### Proposed Pools

Trinity:Wolfcamp
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Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type Private	Ground Level Elevation 3792
Multiple N	Proposed Depth 9300	Formation Wolfcamp	Contractor	Spud Date 10/25/2003

#### Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	430	485	0
Int1	12.25	8.625	32	4500	1240	0
Prod	7.875	5.5	17	9300	975	4000

#### Casing/Cement Program: Additional Comments

Set 13 3/8 48# H40 STC @ 430. Cmt. w/485 sx C w/2% CaCl2 & 1/4# FC (14.8/1.32.Circ to surf. Set 8 5/8 32# HCK55STC csg set @ 4500. Cmt w/1040 sx 50;50;10 Poz C; Gel w/5% salt, 3# gil & 1/4# FC and 200 sx C w/1% CaCl2. Set 5 1/2 17#, N80 & J55 LTC csg @ 9300. Cmt d w/525 sx 50;50;10 Poz H; Gel w/5% salt, 5# gil & 1/4# FC and 450 sx 50;50;2 Poz H; Gel w/5% salt, 0.4% D167 (dis), 0.2% D65 (FLA) & 0.1% D13 (retarder)(14.4/1.32)
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#### Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	
Annular	3000	1500	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.	
Electronically Signed By: Brenda Coffman	
Title: Regulatory Analyst	
Date: 10/09/2003	Phone: 432-685-4373

<b>OIL CONSERVATION DIVISION</b>	
Electronically Approved By: Paul Kautz	
Title: Geologist	
Approval Date: 10/09/2003	Expiration Date: 10/09/2004
Conditions of Approval: No Conditions	

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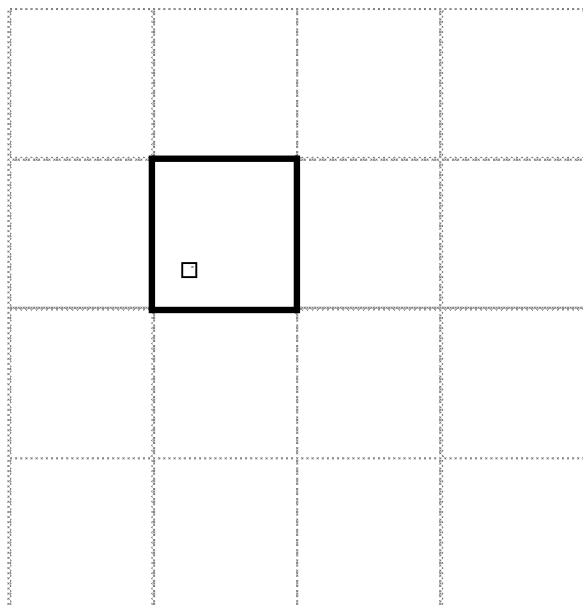
Form C-102

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36451	Pool Name Trinity:Wolfcamp	Pool Code
Property Code 33016	Property Name Burrus "23"	Well No. 005
OGRID No. 193407	Operator Name CONCHO RESOURCES, INC.	Elevation 3792

### Surface And Bottom Hole Location

UL or Lot F	Section 23	Township 12S	Range 38E	Lot Idn F	Feet From 2310	N/S Line N	Feet From 1650	E/W Line W	County Lea
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			



#### OPERATOR CERTIFICATION

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Electronically Signed By: Brenda Coffman

Title: Regulatory Analyst

Date: 10/09/2003

#### 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: V. L. Bezner

Date of Survey: 09/15/2003

Certificate Number: 7920