

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 30-025-36535
Property Code 33272	Property Name Harris 3C	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	3	13S	38E	F	1980	N	1650	W	Lea

Proposed Pools

BRONCO;WOLFCAMP 7600

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type Private	Ground Level Elevation 3810
Multiple N	Proposed Depth 9800	Formation Wolfcamp	Contractor	Spud Date 03/11/2004

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	4550	1240	0
Prod	7.875	5.5	17	9800	1160	4000

Casing/Cement Program: Additional Comments

In 17 1/2 hole run 13 3/8 48# H40 STC set @ 430 cmtnd w/485 sx C+ 2% CaCl2 & 1/4# FC (14.8/1.32)- circ. In 12 1/4 hole run 8 5/8 32# J55 STC csg. cmtnd w/1040 sx 50:50:10 PozC: Gel w/5% salt, 3# gilsonite & 1/4# FC + 200 sx C - Circ. In 7 7/8 hole run 5 1/2 17# N80 LTC csg. set @ 9800, cmtnd w 560 sx 50:50:10 Poz:H; Gel w/5% salt, 5# gil & 1/4# FC + 600 sx 50:50:2 Poz:H; gel w/5% salt, .4% D167, .2% D65 & 0.1% D13. TOC 4000

Proposed Blowout Prevention Program

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

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: 01/13/2004	Phone: 432-685-4373

OIL CONSERVATION DIVISION	
Electronically Approved By: Paul Kautz	
Title: Geologist	
Approval Date: 01/14/2004	Expiration Date: 01/14/2005
Conditions of Approval: No Conditions	

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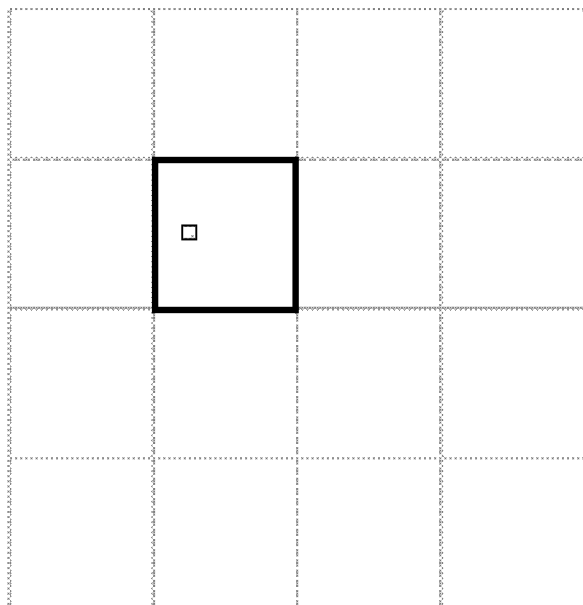
Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36535	Pool Name BRONCO;WOLFCAMP	Pool Code 7600
Property Code 33272	Property Name Harris 3C	Well No. 001
OGRID No. 193407	Operator Name CONCHO RESOURCES, INC.	Elevation 3810

Surface And Bottom Hole Location

UL or Lot F	Section 3	Township 13S	Range 38E	Lot Idn F	Feet From 1980	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: 01/13/2004

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: B. L. Bezner

Date of Survey: 10/09/2003

Certificate Number: 7920