

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 30-025-36554
Property Code 33351	Property Name Harris "3A"	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	3	13S	38E	H	2310	N	660	E	Lea

Proposed Pools

BRONCO;WOLFCAMP 7600

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type Private	Ground Level Elevation 3806
Multiple N	Proposed Depth 9800	Formation Wolfcamp	Contractor	Spud Date 02/10/2003

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	4550	1240	0
Prod	7.875	5.5	17	9800	1160	4000

Casing/Cement Program: Additional Comments

13 3/8 csg cmtd w/485 sx C+2% CaCl2 & 1/4# FC; 8 5/8 32# J55STC cmtd w/1040 sx 50:50:10 Poz C:Gel w/5% salt, 3# gil & 1/4# FC + 200 sx C w/1% CaCl2 Circ. 5 1/2 17#N80 LTC Cmtd w/560 sx 50:50:10 PozH: Gel w/5% salt, 5# gil & 1/4# FC + 600 sx 50:50:2 Poz H:Gel w/5% salt, 0.4% Uniflac 3% expanding agent & 0.15% retarder
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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
Double Ram	1500	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: 01/26/2004

Phone: 432-685-4373

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 01/27/2004

Expiration Date: 01/27/2005

Conditions of Approval:

No Conditions

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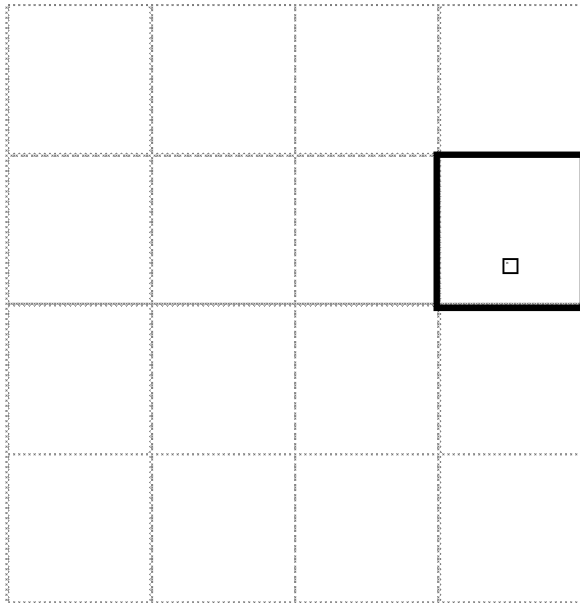
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36554	Pool Name BRONCO;WOLFCAMP	Pool Code 7600
Property Code 33351	Property Name Harris "3A"	Well No. 001
OGRID No. 193407	Operator Name CONCHO RESOURCES, INC.	Elevation 3806

Surface And Bottom Hole Location

UL or Lot H	Section 3	Township 13S	Range 38E	Lot Idn H	Feet From 2310	N/S Line N	Feet From 660	E/W Line E	County Lea
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			



OPERATOR CERTIFICATION
<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
Electronically Signed By: Brenda Coffman
Title: Regulatory Analyst
Date: 01/26/2004
SURVEYOR CERTIFICATION
<i>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.</i>
Surveyed By: V. L. Bezner
Date of Survey: 01/12/2004
Certificate Number: 7920