

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 30-025-36491
Property Code 32763	Property Name TRES PAPALOTES	Well No. 002

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	4	15S	34E	G	1830	N	2130	E	Lea

Proposed Pools

TRES PAPALOTES;PENN 59870

Work Type New Well	Well Type OIL	Cable/Rotary	Lease Type State	Ground Level Elevation 4114
Multiple N	Proposed Depth 10800	Formation Pennsylvanian	Contractor	Spud Date 11/29/2003

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	450	475	0
Int1	12.25	8.625	32	6000	1700	0
Prod	7.875	5.5	17	10800	910	5100

Casing/Cement Program: Additional Comments

13 3/8 48# H40 STC @ 450 w/475 sx C w/2% CaCl2 & 1/4# FC; 8 5/8 HCK 55 STC set @ 6000. Cmt. w/1700 sx 5050;10Poz C. Gel w/5% salt,3# gil & 1/4# FC; 5 1/2 17# N80 LTC cmt. w/650 sx 50;50;10 Poz H gel w/5% salt 5# gil & 1/4# FC + 260 sx 50;50;2 Poz H gel w/5% salt, 4% D167, 6% powdered latex.

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: 11/21/2003

Phone: 432-685-4373

OIL CONSERVATION DIVISION

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 11/24/2003

Expiration Date: 11/24/2004

Conditions of Approval:

No Conditions

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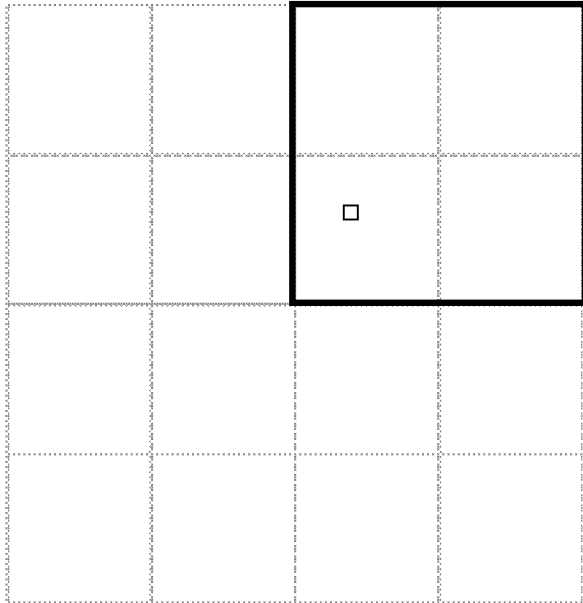
Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36491	Pool Name TRES PAPALOTES;PENN	Pool Code 59870
Property Code 32763	Property Name TRES PAPALOTES	Well No. 002
OGRID No. 193407	Operator Name CONCHO RESOURCES, INC.	Elevation 4114

Surface And Bottom Hole Location

UL or Lot G	Section 4	Township 15S	Range 34E	Lot Idn G	Feet From 1830	N/S Line N	Feet From 2130	E/W Line E	County Lea
Dedicated Acres 173.22		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: 11/21/2003

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: Gary L Jones
Date of Survey: 11/17/2003
Certificate Number: 7977