

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address CONCHO RESOURCES INC. 550 W. TEXAS, SUITE 1300 MIDLAND TX 79701		² OGRID Number 193407
		³ API Number 30-025-08442
⁴ Property Code 33136	⁵ Property Name State Thagard "A" state	⁶ Well No. 1

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
A	28	12S	34E		660	North	660	East	Lea

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
⁹ Proposed Pool 1 Wildcat; Atoka									
¹⁰ Proposed Pool 2									

¹¹ Work Type Code Drilling Re-entry	¹² Well Type Code Gas	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 4169'
¹⁶ Multiple	¹⁷ Proposed Depth 13,100	¹⁸ Formation Atoka	¹⁹ Contractor	²⁰ Spud Date 12/15/2003

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"	36#	347	375	Surface
11"	8 5/8"	32#	4225'	1700 sx	Surface
7 7/8"	5 1/2"	17#	12,200	1600sx	3700

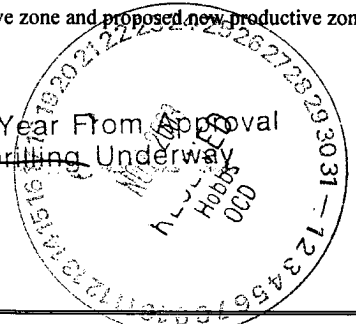
²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

Describe the blowout prevention program, if any. Use additional sheets if necessary.

BOP Type	Working Pressure	Test Pressure
Annular	5,000	3,000
Double Ram	5,000	5,000
Also Natural State #1		
Will first have		
13 5/8"	3,000	500

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

Re-entry



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Brenda Coffman</i> Printed Name: BRENDA COFFMAN Title: REGULATORY ANALYST Date: 11/14/2003		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: PETROLEUM ENGINEER Approval Date: NOV 24 2003 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
Phone: (432)685-4373			

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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-08442	2 Pool Code Atoka 31390	3 Pool Name Wildcat Highwater, Lower Penn, East
4 Property Code 33136	5 Property Name State Thagard "A" state	6 Well Number 1
7 OGRID No. 193407	8 Operator Name CONCHO RESOURCES INC.	9 Elevation 4169'

10 Surface Location

UL or lot no. A	Section 28	Township 12S	Range 34E	Lot Idn	Feet from the 660	North/South line North	Feet from the 660	East/West line East	County Lea
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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
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12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

16	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Brenda Coffman Signature BRENDA COFFMAN Printed Name REGULATORY ANALYST Title 11/14/2003 Date
	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 belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A.

Date May 5, 1959

Operator Tidewater Oil Company Lease State Thagard "A"
Well No. 1 Unit Letter A Section 28 Township 12S Range 34E NMP
Located 660 Feet From NO Line, 660 Feet From East Line
County Lea G. L. Elevation _____ Dedicated Acreage 40 Acres
Name of Producing Formation Pennsylvanian Pool Ranger Lake

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes X No _____.
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

Section B

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Tidewater Oil Company

(Operator)

Original Signed By:

H. P. SHACKLEFORD

(Representative)

Box 547 Hobbs, N. M.

Address

This is to certify that the well location shown on the plat in Section B 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 knowledge and belief.

Date Surveyed 5/5/59

Original Signed By:
H. P. SHACKLEFORD

Registered Professional
Engineer and/or Land Surveyor.

Certificate No. 6080

(See instructions for completing this form on the reverse side)