

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

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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 30-025-20476
⁴ Property Code 33137	⁵ Property Name Sinclair 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
B	11	15S	36E		660	North	1980	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 Re-Entry	¹² Well Type Code Gas	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3907'
¹⁶ Multiple	¹⁷ Proposed Depth 14750	¹⁸ Formation Atoka	¹⁹ Contractor	²⁰ Spud Date 12/20/2003

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"	35.6	373'	300 sx	Surface
12 1/4"	9 5/8"	40#	4903'	1700sx	Surface
8 3/4"	5 1/2"	17#	14750	2300 sx	4400

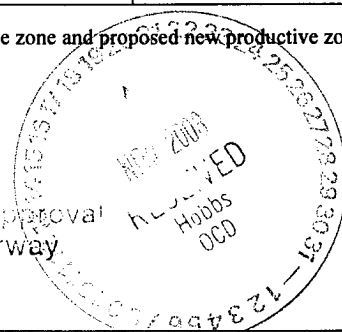
²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone.

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

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>Paul J. [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

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-20476		² Pool Code ✓	³ Pool Name Wildcat	
⁴ Property Code 33137	⁵ Property Name Sinclair State			⁶ Well Number 1
⁷ OGRID No. 193407	⁸ Operator Name CONCHO RESOURCES INC.			⁹ Elevation 3907

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	11	15S	36E		660	North	1980	East	Lea

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

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

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

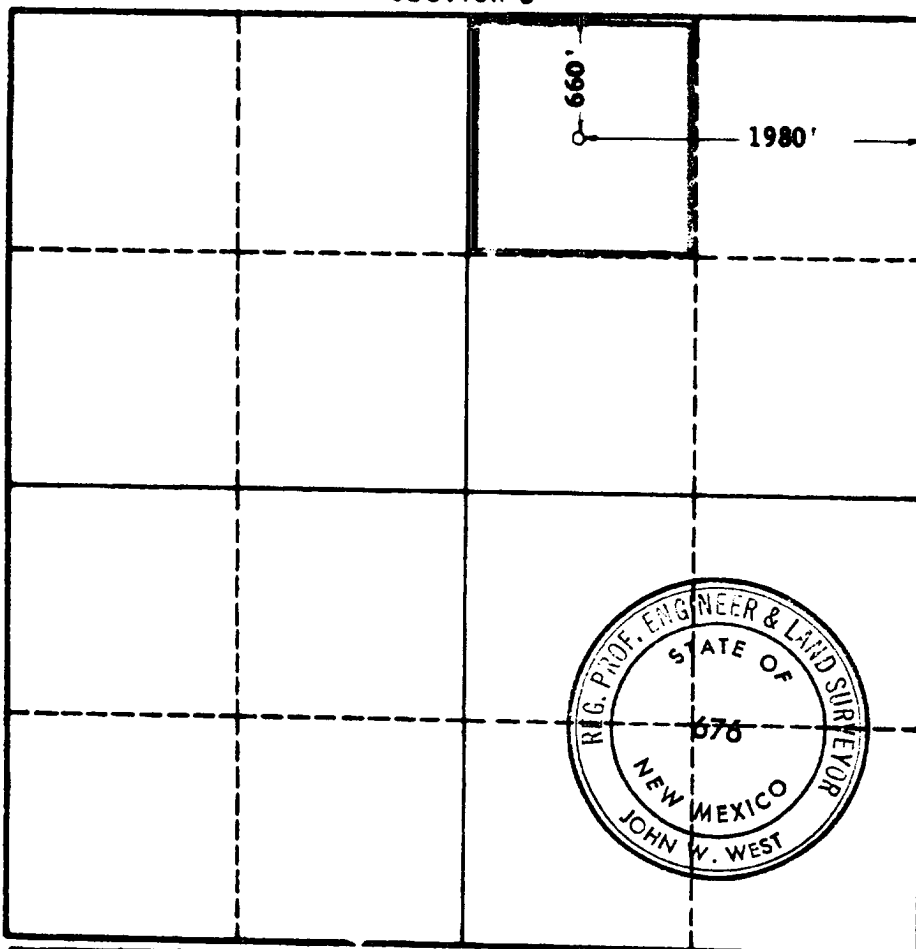
SECTION A

Operator PAN AMERICAN OIL CORPORATION		Lease SINCLAIR STATE		Well No. 1
Unit Letter B	Section 11	Township 15 SOUTH	Range 36 EAST	County LEA
Actual Footage Location of Well: 660 feet from the NORTH line and 1980 feet from the EAST line				
Ground Level Elev. N/A	Producing Formation Silurian	Pool Wildeat	Dedicated Acreage: 40 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ____ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
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	Lead Description

SECTION B



CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name

Position
Area Superintendent

Company
Pan American Petroleum Corp.

Date
May 24, 1963

I hereby 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

5-21-63

Registered Professional Engineer and/or Land Surveyor, **JOHN W. WEST**

John W. West

Certificate No.
N. M. - P. E. & L. S. NO. 676