

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994

Instructions on back
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. 110 W. LOUISIANA STE 410 MIDLAND TX 79701		² OGRID Number 166111
		³ API Number 30 - 025-34577
⁴ Property Code 29294 24294	⁵ Property Name CABALLO '9' STATE	⁶ Well No. 1

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
E	9	23S	34E		1650	NORTH	660	WEST	LEA

⁸Proposed 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
E	9	23S	34E		1650	NORTH	660	WEST	LEA
⁹ Proposed Pool 1 Antelope Ridge; ATOKA					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3419
¹⁶ Multiple No	¹⁷ Proposed Depth 12250	¹⁸ Formation ATOKA	¹⁹ Contractor	²⁰ Spud Date 03-23-99

²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26	20	94	730	1525	CIRC
17-1/2	13-3/8	61	2265	1260	CIRC
12-1/4	9-5/8	40	5012	2250	1400
8-1/2	7	26	1180	1250	3750

²²Describe 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.

CONCHO RESOURCES INC. RESPECTFULLY REQUESTS PERMISSION TO PLUGBACK THE ABOVE WELL TO THE ATOKA POOL ACCORDING TO THE ATTACHED PROCEDURE.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plug-Back

²³I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

TERRI STATHEM

Title:

PRODUCTION ANALYST

Date:

05-10-99

Phone:

915-683-7443

OIL CONSERVATION DIVISION

Approved By:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached: ☐

**CONCHO RESOURCES INC.
CABALLO '9' STATE NO. 1
PLUGBACK TO ATOKA**

WELL DATA:

TD: 13,450'

PBTD: 12,250'

OPEN HOLE: 6-1/4" @ 11800-12250'. 7" RBP set @ 5088'.

Plugs: @ 12,700' – 12,900' w/35 sx CI H and
@ 12,250' – 12,450' w/40 sx CI H.

Procedure:

1. MIRU PU. NU BOP.
2. PU & RIH w/ retrieving tool & 2-7/8" N-80 tbg to RBP @ 5088'. Release RBP & POOH.
3. RIH w/ SN, 500' 2-7/8" N-80 tbg, 7" pkr, on/off tool, & 2-7/8" N-80 tbg to 12170' EOT.
4. Spot 3 bbls 15% NEFE acid across Atoka from 12158-168'. Displace w/ 10# brine. PU to \pm 12,100' (EOT). Set pkr. ND BOP & NU tree.
5. Break down formation and establish PIR.
6. RU and swab well down to SN. Evaluate well performance.

DISTRICT I
P.O. Box 1960, Hobbs, NM 88241-1080

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Ed., Artesia, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30025-34577	Pool Code 70360	Pool Name Antelope Ridge, ATOKA
Property Code 24294	Property Name CABALLO 9	Well Number 1
OGRID No. 166111	Operator Name Concho Resources Inc.	Elevation 3419

Surface Location

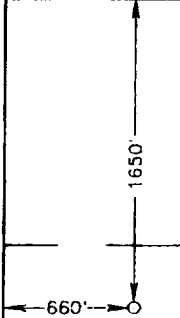
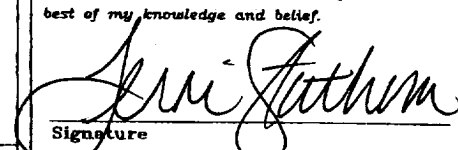
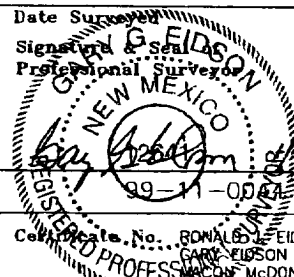
UL or lot No. E	Section 9	Township 23 S	Range 34 E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 660	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

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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Dedicated Acres 320	Joint or Infill	Consolidation Code	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

					OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Terri Stathem Printed Name Production Analyst Title 3/19/99 Date	
					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> JANUARY 21, 1999 Date Surveyed DMCC Signature Professional Surveyor  Cert. No. 822/99 RONALD E. EIDSON 3239 GARY E. EIDSON 12641 McDONALD 12185	