

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

Operator Name and Address Concho Resources Inc. 110 W. Louisiana, Ste 410 Midland, Tx 79701		OGRID Number 166111
		API Number 30 - 0 15-22583
Property Code 22983	Property Name Graham State Com	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
N	35	23S	26E		660	SOUTH	1980	WEST	EDDY

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
Proposed Pool 1 Black River, Atoka, North					Proposed Pool 2				

Work Type Code P	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3279
Multiple No	Proposed Depth 11070	Formation Atoka	Contractor	Spud Date

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	48	515	300 sx	circ
11	9-5/8	40	5400	3050 sx	circ
8-1/2	5-1/2	20 & 17	12700	750 sx	9360

22 Describe the proposed program. If this application is to DEEPEN or PLUGBACK 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. proposed to plug back the Graham State Com #1 well to the Atoka pool according to the following procedure:

1. RIH & set 5-1/2" CIBP @ 11,070'. Dump 35' of cmt on top to abandon the Morrow pool.
2. Perf Atoka @ 10975-80' and 10876-90' (40 shots).
3. Acidize zone @ 3-5 BPM w/ 4000 gals 20% NEFE + 50% CO2.

If Atoka is unproductive Concho Resources Inc. proposed to plugback to the Stawn pool according to the following procedure:

1. Set CIBP @ 10850' and cap w/ 35' of cmt to ~~abandon the Atoka pool~~.
2. Perf ~~Atoka~~ @ 10576-82'.
3. Acidize w/ 1000 gals 15% NEFE + 50% CO2.

23 I 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: 03-10-99

Phone: 915-683-7443

OIL CONSERVATION DIVISION

Approved By:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached: ☐