

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. 110 W. LOUISIAN STE 410 MIDLAND, TX 79701		² OGRID Number 166111
		³ API Number 30 - 025-35397
³ Property Code 27394	⁵ Property Name North Anderson Ranch '33' State Com	⁶ Well No. 7

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
H	33 2	15S	32E		1650	SOUTH	660	WEST	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 ANDERSON RANCH MORROW (70240)						¹⁰ Proposed Pool 2			

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4310'
¹⁶ Multiple S	¹⁷ Proposed Depth 12500	¹⁸ Formation MORROW	¹⁹ Contractor	²⁰ Spud Date WHEN APPROVED

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
25	20		40	Redi-Mix	SURF
17-1/2	13-3/8	48	400	550	SURF
12-1/4	9-5/8	40	4150	1400	SURF
8-3/4	5-1/2	17 & 20	12500	700	Est. 8000'

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.

Concho Resources Inc. respectfully requests approval to drill the N. Anderson Ranch "33" State Com No. 7 well according to the following procedure:

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe & cmt to surface w/ Redi-Mix.
2. Drill 17-1/2" hole to 400'. Run & set 400' of 13-3/8", 48#, H-40, ST&C csg. Cmt w/ 550 sx 'C' cmt + additives, circ cmt to surface.
3. Drill 12-1/4" hole to 4150'. Run & set 4150' of 9-5/8", 40#, J-55 ST&C csg. Cmt w/ 1400 sx 'C' cmt + additives, circ cmt to surface.
4. Drill 8-3/4" hole through the Wolfcamp lost circulation zones; if no problems occur with lost circulation reduce hole to 7-7/8" and drill to 12500'. Run & set 12500' of 5-1/2" 17 & 20#, N-80 LT&C csg. Cmt w/ 150 sx of Halco light "H" + .5% Halad 322, tail in w/ 550 sx of Super Modified "H" + .4% CFR-3 + .5% Halad 344 + 5# Gilsonite/sx + 1# salt/sx. Est. TOC @ 8000'.
5. If lost circ problems occur, set 7" csg through trouble zones and cmt in place. Drill to of 12500' & set a 5" liner and cmt back to 7" csg.

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

Signature:

Printed name: Ferri Stathem

Title: Production Analyst

Date: 3/1/01

Phone: (915) 683-7443

OIL CONSERVATION DIVISION

Approved by:

Orig. Signed by
Paul Gutz
Geologist

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐