Submit ? Copies To Appropriate District Office
District
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

WELL API NO.
30-025- 00254

5. Indicate Type of Lease
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name:
North Caprock Queen Unit

1. Type of Well:
Oil Well ☒ Gas Well ☐ Other

8. Well No.
7-9

2. Name of Operator
State of New Mexico Oil Conservation Division

8. Pool name or Wildcat
Caprock Queen North

3. Address of Operator
1625 French Dr., Hobbs, NM 88240

4. Well Location
Unit Letter I : 1980 feet from the South line and 660 feet from the East line

Section 7 Township 13S Range 32E NMPM County Lea

10. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	X	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPLETION	☐	CASING TEST AND CEMENT JOB	☐		
OTHER:			☐	OTHER:			☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

OCD proposes to P&A per the attached procedure.

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

SIGNATURE _____ TITLE Deputy Oil & Gas Inspector DATE _____

Type or print name Gary Wink Telephone No. (505) 393-6161

(This space for State use)

APPPROVED BY _____ TITLE ORIGINAL SIGNED BY GARY WINK FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUL 29 2002

Conditions of approval, if any:

J
C

Typical Well Plugging Procedure
Sierra Blanca Orphan Wells

Basis of Plugging Design:

Review of the well files resulted in the following information about the condition of the wells and what is needed to properly plug them:

Surface casing: 7" – 10 ¾" set at approximately 300' and cemented with 150 sacks. Benterra has assumed that these casing strings were cemented all the way to surface. Not all of the well files contained this information, but many did confirm that cement was circulated.

Base of Fresh Water: Paul Kautz advised that the base of fresh water was at approximately 300' in this area. Benterra has assumed that the base of fresh water is at the surface casing setting depth or at a minimum of 250'.

Production Casing: 4 ½" to 7" set at approximately 3000' and cemented with 600 sacks. The top of cement was recorded on only a very few wells; however, many permits contained the requirement that the casing strings be cemented through the top of the salt section, which occurs at approximately 1500' in this area. Several temperature surveys were run and confirmed this. Benterra has assumed that all of the production casing strings are adequately cemented at least through the salt section as the OCD required at the time they were drilled.

Typical Plugging Procedure

Make sinker bar run to check for obstructions and TD
Displace or circulate wellbore with fresh water
Surface pour a bentonite plug from TD to at least 100' above the production casing shoe or top perforation
RIH with a wiper plug and set 50' below top of salt
Surface pour a bentonite plug from 50' below to at least 50' above the top of salt
RIH with wireline and perforate 50' below the surface casing shoe (minimum perf depth is 300')
RU cementer and squeeze/circulate cement from surface down production casing to provide for a 100' min plug behind the production casing
Leave production casing full of cement to surface and shut in
Dig out and cut off wellhead and install dry hole marker
Pack annulus with bentonite
Attempt to locate and cut off deadmen
Clean up location including any **above-ground** cement foundations

PENTERRA Corporation
Mid-Continent Region

WELL PLANNING SHEET
PROPOSED P&A

Well Name: North Caprock Queen Unit # 7-9
API Number: 30-025- 00254
Coordinates: 1980' FSL & 660' FEL
S - T - R S 7 - T13S - R32E UL I
County / State: Lea, New Mexico
Drilled: 6/48

Operator OCD
Field:
Date: 7/19/02
By: CRS

RKB = ____

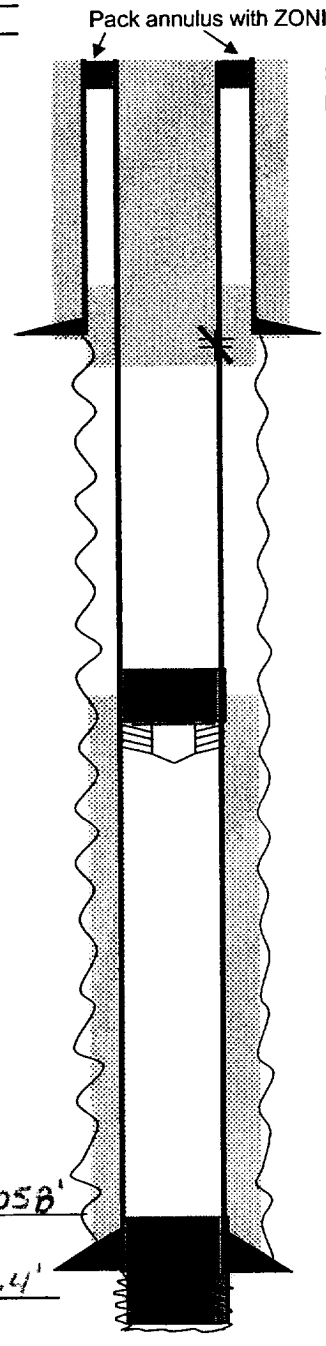
Formation Tops

Salt 1560'

ZONITE/CEMENT PLUGS

Surface (cement)	3' - 246'
Shoe (cement)	246' - 346'
Salt (Zonite)	1510' - 1610'
Bottom/Perf (Zonite)	2919' - 3058'

Legend
Cement
ZONITE
Gravel



Surface Plug @ 3' - 246'
Pump 29 sx cmt

Shoe Plug @ 246' - 346'
Perf & Sqz @ 346' w/ 32 sx cmt

Casing Size 8 5/8" Wt. 24#
Set @ 296 w/ 150 SX cmt
Cemented to ?

Salt Plug (ZONITE) @ 1510' - 1610'
14 cu ft ZONITE
Wiper Plug @ 1610'

Bottom Plug (ZONITE) @ 2919' - 3058'
20 cu ft ZONITE

OH 3034' - 3054'

Casing Size 5½" Wt. 14
Set @ 3019' w/ 600 SX cmt
Cemented to ?

TD 3058'