

Submit 3 Copies To Appropriate District Office
District I
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.
30-025-00259

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

North Caprock Queen Unit

8. Well No. 6

8. Pool name or Wildcat
Caprock Queen North

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.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

State of New Mexico Oil Conservation Division

3. Address of Operator

1625 French Dr., Hobbs, NM 88240

4. Well Location

Unit Letter F : 1980 feet from the North line and 1980 feet from the West line

Section 8 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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐ (cement)

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.

Bottom Plug @ 2682' - 2923

Pumped 25 sx Class C cmt

Tagged

Salt Plug @ 1450' - 1550'

14 cu ft ZONITE

Tagged

Shoe Plug @ 87' - 327'

60 sx Class C cmt

Perf @ 327'. Circ 34" to annulus

Surface Plug @ 0' - 87'

12 cu ft ZONITE

Plugging operations began 10/7/02 and were completed on 12/18/02. Wellbore diagram attached
Benterra Corporation to set marker and clean location

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)

APPROVED BY Gary W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE DEC 30 2002

Conditions of approval, if any:

P&A

Well Name: North Caprock Queen Unit # 8-6
API Number: 30-025-00259
Coordinates: 1980 FNL + 1980 FWL
S - T - R: S 8 - T13S - R32E
County / State: Lea, New Mexico
Drilled: 1948

Operator: OCD
Field: _____
Date: _____
By: CRS

RKB = _____

Formation Tops

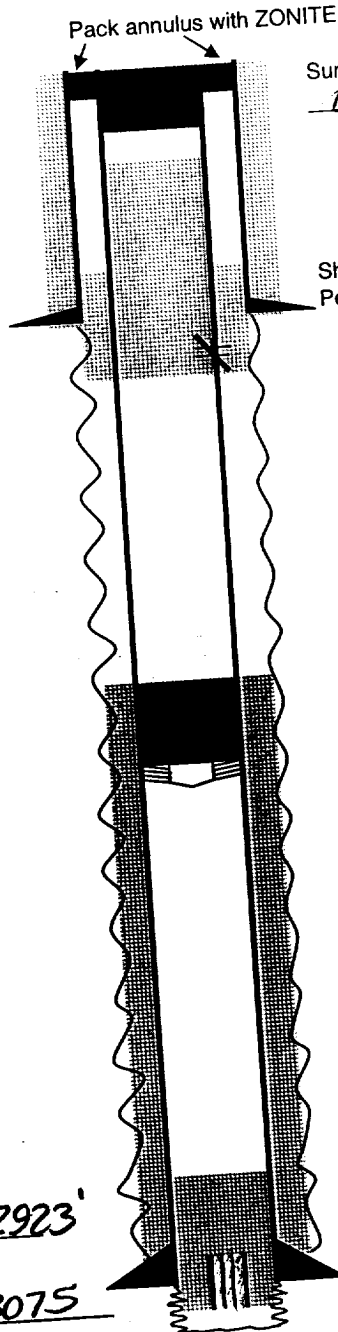
Salt 1500 est.

ZONITE/CEMENT PLUGS	
Surface (Zonite)	0-87'
Shoe (cement)	87'-327'
Salt (Zonite)	1450'-1550'
Bottom/Perf (cement)	2682'-2923'

Legend	
Cement	
Zonite	
Gravel	

Bottom Plug @ 2682'-2923'
25 sx cmt

OH 3043-3075



Surface Plug @ 0-87'
60 cu ft Zonite

Shoe Plug @ 87'-327'
Perf & Sqz @ 327' w/ 60 sx cmt

Casing Size 8 5/8" Wt. 28#
Set @ 277 w/ 150 SX
Cemented to surf (VIS)

Salt Plug @ 1450'-1550'
14 cu ft Zonite
Wiper Rubber @ 1550'

Liner Size 4 1/2" Wt. 15#
Set @ 3022 - 3050 SX
Liner Size 3 1/2" Wt. 14#
Set @ 2985 - 3075 w/ 150 SX cmt
TOC 2985
Casing Size 5 1/2" Wt. 14#
Set @ 3043' w/ 600 SX cmt
Cemented to ?

TD 3075



OPERATOR State of New Mexico - NMOCD District 1			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # <i>See below</i>			COUNTY & STATE Lea, New Mexico
FIELD North Caprock			FORMATION Queen
TD	PBD	RKB	PERFS
SURFACE	INTERMEDIATE	PRODUCTION	LINER
OPERATOR CHARGE CODE			BENTERRA CHARGE CODE

This well is part of the "Sierra Blanca P&A Project" conducted by Benterra Corporation for the State of New Mexico.

12-18-02

Benterra # 4 completed the following operations:

#6-15 Tag out @ 91'. Set 60' ZONITE top plug.

#7-9 Tag out @ 10' + filled to surf w/ ZONITE.

#8-6 Tag out @ 87'. Set 60' ZONITE top plug.

#8-13 Finished setting 60' ZONITE top plug.

DEC 25 2002
Hobbs
NMO

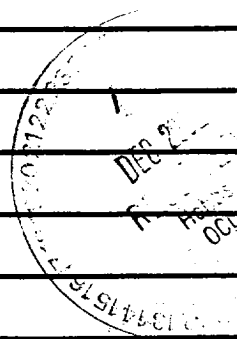
Daily Operations Summary

OPERATOR State of New Mexico			DATE See Below	
LEASE & WELL NUMBER North Caprock Queen Unit # <i>B6</i>			COUNTY & STATE Lea, New Mexico	
FIELD North Caprock			FORMATION Queen	
TD <i>3075'</i>	PBD	RKB	PERFS	
SURFACE <i>8 5/8" @ 271'</i>	INTERMEDIATE	PRODUCTION <i>5 1/2" @ 3043'</i>	PIPE DOWN LINERS <i>4 1/2" 3022' - 3050' 3 1/2" 2985' - 3075'</i>	
OPERATOR CHARGE CODE			BENTERRA CHARGE CODE	

This well is part of the "Sierra Blanca P&A Project" conducted by Benterra Corporation for the State of New Mexico.

12/4/02

MIRU Key Cementer, transport & use track. Pumped down 5 1/2" csg & established circ out 8 5/8" x 5 1/2" annulus. Mixed & pumped 60 SK Class C neat & cont'd parts @ 327'. Did not displace cement - had good circ throughout job. RD equip.



Daily Operations Summary

OPERATOR State of New Mexico - NMOCD District 1			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # 8-6			COUNTY & STATE Lea, New Mexico
FIELD North Caprock			FORMATION Queen
TD 3075'	PBD	RKB	PERFS
SURFACE 8 5/8" @ 277'	INTERMEDIATE	PRODUCTION 5 1/2" @ 3043'	LINER
OPERATOR CHARGE CODE			BENTERRA CHARGE CODE

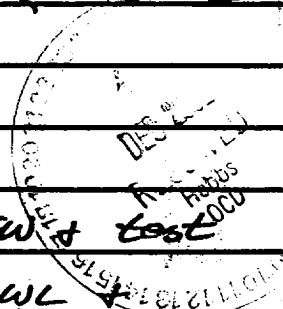
This well is part of the "Sierra Blanca P&A Project" conducted by Benterra Corporation for the State of New Mexico.

11-15-02

MIRU Benterra #4. Made trip w/ 2" SB + tagged cement plug @ 2735', OK. Made trip w/ FST w/ 4 1/4" ring to 1550' + rec fluid sample - chlorides tested @ 2666 ppm. Pushed 5 1/2" wiper rubber to 1550'. Poured 14 pps ZONITE, wait + tagged @ 1450'. T/salt plug set 1450'-1550' w/ 14 pps ZONITE as of 4:30 PM 11-15-02. (FL was @ 80' when running FST). RD.

11-21-02

RU Key pump truck. Loaded hole w/ 1/2 bbl FW + test to 200 psc, OK. RD Key PT. RU Key WL + parted 5 1/2" CSG w/ 3 1/8" gun @ 327' w/ 4 holes. RD Key WL.



Daily Operations Summary

OPERATOR State of New Mexico			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # 8-6			COUNTY & STATE Lea, New Mexico
FIELD North Caprock			FORMATION Queen
TD 3075'	PBD	RKB	PERFS
SURFACE 8 7/8" @ 277'	INTERMEDIATE	PRODUCTION 5 1/2" @ 3043'	CIBP DEPTH
OPERATOR CHARGE CODE			BENTERRA CHARGE CODE

This well is part of the "Sierra Blanca P&A Project" conducted by Benterra Corporation for the State of New Mexico.

11-8-02

Benterra #4 tagged btm @ 2922' w/ 3 1/2" SB. FST w/ 3 1/2" bushing stopped @ 1978'. Fluid sample from 1978' had chloride off high scale of field test.

11-11-02

MIRU New Force CTU & Key Wc truck, transport & cementer. WIH w/ 1 1/2" CT to BEM @ 2923'. Key Mixed & pumped 25 SX Class C Neats and displaced w/ 6 BW. BEM plug set from 2682'-2923' (241') w/ 25 SX ES at 3:15 PM 11-11-02.

RD equip. MIRU Benterra #4. Made trip w/ FST w/ 4 1/2" bushing to 1550' & rec fluid sample, tested @ 2414 ppm chlorides. T/BOTE plug can be set w/ ZONITE.

Daily Operations Summary

OPERATOR State of New Mexico			DATE See Below	
LEASE & WELL NUMBER North Caprock Queen Unit # 8-6			COUNTY & STATE Lea, New Mexico	
FIELD North Caprock			FORMATION Queen	
TD 3075'	PBD	RKB	PERFS	
SURFACE 88 @ 271'	INTERMEDIATE	PRODUCTION 5 1/2 @ 3043'	GIBP DEPTH Liners 4 1/2" 3022-50' 3 1/2" 2985-3075'	
OPERATOR CHARGE CODE			BENTERRA CHARGE CODE	

This well is part of the "Sierra Blanca P&A Project" conducted by Benterra Corporation for the State of New Mexico.

10/30/02

MIRU Benterra # 4. Made trip w/ 2" SB + tag @ 1963'. Made trip w/ 3 1/2" SB + beat on obstruction - no movement. RD.

11-5-02

MIRU New Force 1 1/2" CTU & Key pump + use trucks. W/CT w/ CT to 2905', did not find obstruction @ 1963'. Began circ fresh water & drive chain on pump broke. Secured CTU + SDON.

11-6-02

Resume operations. CT set @ 2900'. Pump 130 bbl/s FW (723 ppm chlorides) before return water was acceptable @ 1812 ppm. Port w/ CT + RD. CTU + pump and use trucks. (NOTE Key's PT had valve problems + slowed circ.)

Daily Operations Summary

OPERATOR State of New Mexico			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # 8-6			COUNTY & STATE Lea, New Mexico
FIELD North Caprock			FORMATION Queen
TD	PBD	RKB	PERFS
SURFACE	INTERMEDIATE	PRODUCTION	CIBP DEPTH
OPERATOR CHARGE CODE			BENTERRA CHARGE CODE

This well is part of the "Sierra Blanca P&A Project" conducted by Benterra Corporation for the State of New Mexico.

10/7/02

Key gang attempted to remove swage - broke chain tongs + swage appears to be flattening instead of turning. Back hoe dug out celler $\pm 1\frac{1}{2}'$ + sand surface hard. Side cuttings were cold cut 7" x 2" swage + chiseled throughmen from corroded + not usable. coupling. New 7" couplings loading up.

10/8/02

Benterra # 4 Made trip w/ 2" SB + tested btm @ 2918'.

FL @ $\pm 1065'$ FS. WIH w/ FST w/ bushing for 5 $\frac{1}{2}"$

CSG - couldn't get past 10'. Removed bushing, FST went

past place @ 10' but stopped @ 1969'. Recovered fluid

sample from 1969' - chlorides off high scale. RD Benterra.

KU Key PT. Loaded well @ 20 bbls FW using centrifugal pump.

Pumped add'l 16 bbls @ $\frac{1}{2}$ BPM + gradually press to 400 PSI.

Press will leak off but unable to pump into. Water = 48 chlorides

RD Key PT.