

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

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.)		WELL API NO. 30-025-24596
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator State of New Mexico Oil Conservation Division		6. State Oil & Gas Lease No.
3. Address of Operator 1625 French Dr., Hobbs, NM 88240		7. Lease Name or Unit Agreement Name: North Caprock Queen Unit
4. Well Location Unit Letter <u>D</u> : <u>1310</u> feet from the <u>North</u> line and <u>10</u> feet from the <u>West</u> line Section <u>8</u> Township <u>13S</u> Range <u>32E</u> NMPM County <u>Lea</u>		8. Well No. <u>4Y</u>
10. Elevation (Show whether DR, RKB, RT, GR, etc.)		8. Pool name or Wildcat Caprock Queen North

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 ☐ 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 @ 2912' - 3020'	14 1/2 cu ft ZONITE	Tagged
Salt Plug @ 1428' - 1533'	14 1/2 cu ft ZONITE	Tagged
Shoe Plug @ 70' - 350'	70 sx Class C cmt	Perf @ 350'. Circ 40 sx to annulus
Surface Plug @ 0' - 70'	8 cu ft ZONITE	

Plugging operations began 9/30/02 and were completed on 12/29/02. 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 _____ DATE _____
Conditions of approval, if any: _____
GARY W. WINK
OC FIELD REPRESENTATIVE II/STAFF MANAGER
JAN 03 2003

P&A

Well Name: North Caprock Queen Unit # 8-4Y
API Number: 30-025- 24596
Coordinates: 1310' FNL + 10' FWL
S - T - R: S 8 - T13S - R32E 440
County / State: Lea, New Mexico
Drilled: 3/74

Operator: OCD
Field:

RKB = 9'

Formation Tops

Salt 1483'

ZONITE/CEMENT PLUGS

Surface (Zonite) 0' - 70'
Shoe (cement) 70' - 350'
Salt (Zonite) 1428' - 1533'
Bottom/Perf (Zonite) 2912' - 3020'

Legend

Cement

ZONITE

Gravel

Pack annulus with ZONITE

Surface Plug @ 0' - 70'
8 cu ft ZONITE

Shoe Plug @ 70' - 350'
Perf & Sqz @ 350' w/ 70 sx cmt

Casing Size 8 5/8" Wt. 28#
Set @ 300' w/ 150 sx cmt
Cemented to surf + (vis)

Salt Plug (ZONITE) @ 1428' - 1533'
14 1/2 cu ft ZONITE
Wiper Plug @ 1533'

Bottom Plug (ZONITE) @ 2912' - 3020'
14 1/2 cu ft ZONITE

OH 3046' - 3056'

Casing Size 5 1/2" Wt. 14#
Set @ 3095' w/ 275 sx cmt
Cemented to ?

TD 3096'
PBD 3081'

2006
Revised
Notes
OCD



CORPORATION

Daily Operations Summary

OPERATOR State of New Mexico - NMOCD District 1			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # 8-4Y			COUNTY & STATE Lea, New Mexico
FIELD North Caprock			FORMATION Queen
TD 3096'	PBD 3081'	RKB 9'	PERFS 3046' - 3056'
SURFACE 8 7/8" @ 300'	INTERMEDIATE	PRODUCTION 5 1/2" @ 3095'	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.

12-26-02 (CONT'D)

+ filled 5 1/2" csg to surface w/ 8 ft³ ZONITE
RD.

12/29/02

Key welder dug out WH + cut off WH +
csgs to 2' below GL. Installed dry hole
marker w/ well identification + back filled
excavation. (packed 8 7/8" x 5 1/2" annulus w/ ZONITE
prior to installing cap) P&A completed 12-29-02.

Hoobs
GCD

OPERATOR State of New Mexico - NMOCD District 1			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # 8-4Y			COUNTY & STATE Lea, New Mexico
FIELD North Caprock			FORMATION Queen
TD 3096'	PBD 3081'	RKB 9'	PERFS 3046' - 3056'
SURFACE 8 7/8" @ 300'	INTERMEDIATE	PRODUCTION 5 1/2" @ 3095'	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 Cont'd

MIRU Benterra #4. Made trip w/ 2' SB + tagged
btm @ 3020'. Poured 4 1/2 ft³ ZONITE, wait + tag @
2986'. Poured 10 ft³ ZONITE, wait + tag @ 2912'.
Bottom plug set 2912' - 3020' (108') w/ 14 1/2 ft³
ZONITE. Pushed 5 1/2" wiper rubber to 1533'.
Poured 10 ft³ of ZONITE. SIDON.

12/19/02

Tagged plug @ 1402'. Poured 4 1/2 ft³ ZONITE, wait
+ tag @ 1420'. T/salt plug sac 1428' - 1533'
w/ 14 1/2 cu ft ZONITE. RD BATTING. RU Key
WL + part 5 1/2" CSG @ 350' w/ 4 lbs @ 120° plusing.

12/26/02

MIRU Key cementer, pump truck w/ BW + FW + 1000 truck.
Key mixed + pumped 70 ex class C neat down 5 1/2"
CSG to cement parts @ 350'. RD equip. WOC + RU
Benterra # 4. Tag cement @ 70', pushed sack to 60'

OPERATOR State of New Mexico - NMOCD District 1			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # 8-4Y			COUNTY & STATE Lea, New Mexico
FIELD North Caprock			FORMATION Queen
TD 3096'	PBD 3081'	RKB 9'	PERFS 3046' - 3056'
SURFACE 8 5/8" @ 300'	INTERMEDIATE	PRODUCTION 5 1/2" @ 3095'	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.

12-17-02

WTH w/ 4 3/4" skirted bit on 2 3/8" tbg. RU Key pump truck & vac truck. Rotated w/ tongs & wash down 56' - 98' & fell free. Ran 3 add'l jts without rotating or washing. POH w/ bit - tbg couplings coated w/ ZONITE. SD operations due to high wind @ 1:30 PM.

12-18-02

WTH w/ 4 1/2" bit & 6 1/2" csg scraper on 2 3/8" tbg. Had to work scraper through top 100' several times before pipe fell freely. Cont'd in hole & logged btm @ 3000'. RU Key pump & vac trucks. Attempt to circ down tbg - press to 2000 psi - tbg plugged. Connect to csg & press to 200 psi & bounce tbg - established circ. Reconnect to tbg & circ 100 bbls FW (chlorides in & out = 134 ppm). RD Key trucks. POH & LD tbg, scraper & bit. ND BOP & WH. RD & RPU.

OPERATOR State of New Mexico - NMOCD District 1			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # 8-4Y			COUNTY & STATE Lea, New Mexico
FIELD North Caprock			FORMATION Queen
TD 3096'	PBD 3081'	RKB 9'	PERFS 3046' - 3056'
SURFACE 8 5/8" @ 300'	INTERMEDIATE	PRODUCTION 5 1/2" @ 3095'	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.

12-16-02

MIRU Key ENERGY UNIT # 1060. Inserted with adapter + BOP. WITH w/ 4 1/2" b.t. + 5 1/2" csq scraper on 2 3/8" tbg + tbg ZONITE plug @ 11' from surface. RU Key pump + vac trucks. Rotate + wash 10' to 21'. Slow progress. POH w/ b.t. WITH w/ 2 7/8" Notched collar on 2 3/8" tbg - slow progress also, LD NC + run 4 1/2" b.t. without scraper. Rotate + wash to 43'. POH + LD 4 1/2" b.t. WITH w/ 3 7/8" b.t. rotate w/ tongs + wash to 56'. POH w/ bit + SIDON. Total progress today = 45', expected length of bridge = ± 70'.

FILED
Holt
005

OPERATOR State of New Mexico - NMOCD District 1			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # 8-4Y			COUNTY & STATE Lea, New Mexico
FIELD North Caprock			FORMATION Queen
TD 3096'	PBD 3081'	RKB 9'	PERFS 3046' - 3056'
SURFACE 8 5/8" @ 300'	INTERMEDIATE	PRODUCTION 5 1/2" @ 3095'	LINER None
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.			
11-26-02			
MIRU Bantawa # 4. Made trip w/ 2" SB + tag @ 3011'. Made trip w/ FST to 2980' + recovered water sample - chlorides tested @ 290 ppm. FL @ 40'. Poured approx 10 ft ³ ZONITE - fluid rising in CSG - noticed ZONITE NOT echoing when hitting fluid. Pulled funnel from well - ZONITE bridged @ surface. RU Key vac truck - only able to clean out bridge to 10'. SD operations + RD Key VT + Benterra. 10 ft ³ ZONITE = ± 75' linear bridge.			
12-5-02			
Hobbs Anchor tested existing anchors, all are OK.			

OPERATOR State of New Mexico			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # 8-4Y			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.

10/29/02

MIRU Benterra #4. Made trip w/ 2" SB to btm @ 3014'.

FL @ 150'. Made trip w/ FST to 3000', did not catch sample.

Made second trip to 3000' + rec fluid sample, chlorides tested off high scale. RD.

10/5/02

MIRU New Force 1 1/2" CTU & Key pump +

vac trucks. W/IT w/ CT to 3010'. Circ w/

90 bbls fresh water (mixture of 90 + 376

ppm chlorides); return water = 1081 ppm.

RD.

11-8-02

Benterra #4 tagged btm @ 3015' w/ 3 1/2" SB.

Made trip w/ FST w/ 3 1/2" bushing to 2985' -

Chlorides tested to be acceptable FW @ < 300 ppm.

OPERATOR State of New Mexico			DATE See Below	
LEASE & WELL NUMBER North Caprock Queen Unit # 8-4Y			COUNTY & STATE Lea, New Mexico	
FIELD Caprock, North			FORMATION Queen	
TD 3096'	PBD 3081'	RKB 9'	PERFS 3046' - 3056'	
SURFACE 8 5/8" @ 30'	INTERMEDIATE	PRODUCTION 5 1/2" @ 3085'	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.

10/10/02

Key backhoe dug out WH to surface csg hd. Existing riser looked OK + other side had BP. Backfilled excavation.

OPERATOR State of New Mexico			DATE See Below	
LEASE & WELL NUMBER North Caprock Queen Unit # 8-4Y			COUNTY & STATE Lea, New Mexico	
FIELD Caprock, North			FORMATION Queen	
TD 3096'	PBD 3081'	RKB 9'	PERFS 3046' - 3056'	
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.

7/16/02

Well open to atmosphere. RU Benterra #4. Made trip w/ FST (3 1/2" bushing) + tag bit @ 3006'. Rec fluid sample + test chlorides @ 787 ppm. RD.

9/30/02

MIRU Benterra #4. Made trip w/ FST to 2900' + recovered fluid sample - chlorides tested off high scale. RD.

10/1/02

Key pump truck pumped 30 BFW + loaded hole. Pumped add'l 6 bbls + press to 300 psi + held. RD. Key. Chlorides of FW = 121 ppm.

10/3/02

RU Benterra #4. WIA w/ FST w/ 3 1/2" bushing, stopped @ 120'. Remove bushing + TIF w/ FST, slight tag @ 120'. POH to check tool. Made trip w/ 2" SB + tag bit @ 3006'. Made trip w/ FST to 2980' + rec fluid sample - test chlorides, off high scale. RD.