

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

Form C-103
Revised March 25, 1999

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

WELL API NO. 30-025-00253
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.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	7. Lease Name or Unit Agreement Name: North Caprock Queen Unit
2. Name of Operator State of New Mexico Oil Conservation Division	8. Well No. 3
3. Address of Operator 1625 French Dr., Hobbs, NM 88240	8. Pool name or Wildcat Caprock Queen North
4. Well Location Unit Letter <u>C</u> : <u>660</u> feet from the <u>North</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>7</u> Township <u>13S</u> Range <u>32E</u> NMPM County <u>Lea</u>	
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 ☐
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 recompletion.

Bottom Plug @ 2869' - 2972' 14 1/2 cu ft ZONITE Tagged
Salt Plug @ 1458' - 1560' 12 cu ft ZONITE Tagged
Shoe/Surface Plug @ Surface - 368' 65 sx Class C cmt Perf @ 368'. Circ 35 sx (100') to annulus
Plugging operations began 10/3/02 and were completed on 11/18/02. 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 Gary Wink 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
Conditions of approval, if any:

ORIGINAL SIGNED BY
GARY W. WINK
OC FIELD REPRESENTATIVE II/STAFF MANAGER

DEC 11 2002

P&A

Well Name: North Caprock Queen Unit #3
API Number: 30-025-00253
Coordinates: 660 FNL + 1980 FWL
S - T - R: S 7 - T13S - R32E
County / State: Lea, New Mexico
Drilled: 9/46

Operator: OCD
Field:
Date: 11/23/02

RKB =

Formation Tops

Salt 1510'

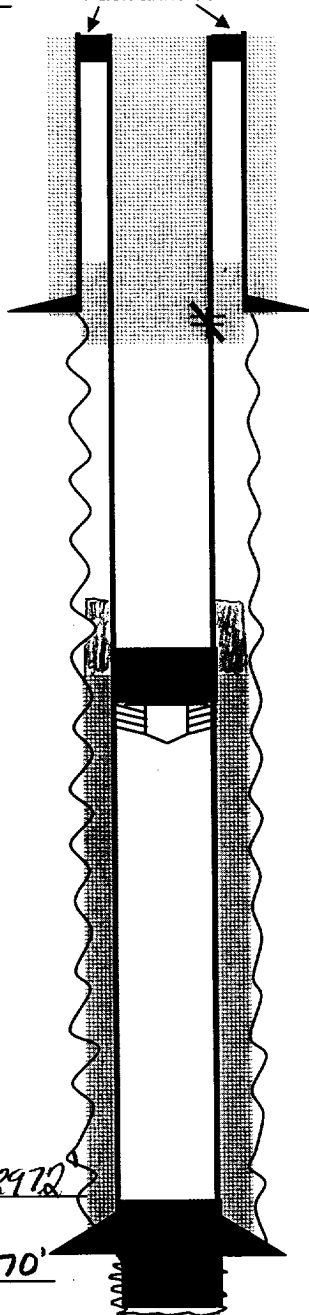
ZONITE/CEMENT PLUGS	
Surface (cement)	Surface - 268'
Shoe (cement)	268' - 368'
Salt (Zonite)	1458' - 1560'
Bottom/Perf (Zonite)	2869' - 2972'

Legend	
Cement	
ZONITE	
Gravel	

Bottom Plug (ZONITE) @ 2869' - 2972'
14 1/2 cu ft ZONITE

OH 3042' - 3070'

Pack annulus with ZONITE



Surface Plug @ Surface - 268'
Pump 30 sx cmt

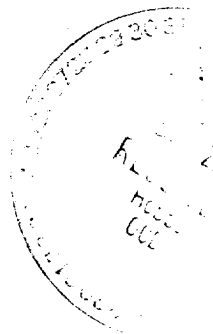
Shoe Plug @ 268' - 368'
Perf & Sqz @ 368' w/ 35 sx cmt

Casing Size 8 1/2" Wt. 25#
Set @ 318' w/ 150 sx cmt
Cemented to

Salt Plug (ZONITE) @ 1458' - 1560'
12 cu ft ZONITE
Wiper Plug @ 1560'

Casing Size 5 1/2" Wt. 15#
Set @ 3010' w/ 600 sx cmt
Cemented to

TD 3070'

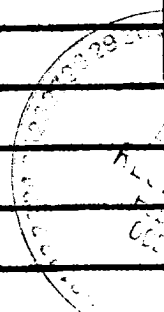


OPERATOR State of New Mexico - NMOCD District 1			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # 7-3			COUNTY & STATE Lea, New Mexico
FIELD North Caprock			FORMATION Queen
TD 3070'	PBD	RKB	PERFS OH 3042' - 3070'
SURFACE 8 5/8" @ 318'	INTERMEDIATE	PRODUCTION 5 1/2" @ 3010'	LINER
OPERATOR 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.

11-18-02

RV Ray transport, we truck + cementer. Pumped down 5 1/2" CSG, & established circ from 8 7/8" annulus. Key mixed & pumped 65 sk Class C neat to cement ports @ 368'. Did not displace cmc, had good circ throughout job. FW/top plug in place as of 10:00 AM 11-18-02. RTD equip.



Daily Operations Summary

OPERATOR State of New Mexico			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # 7-3			COUNTY & STATE Lea, New Mexico
FIELD Caprock, North			FORMATION Queen
TD 3070'	PBD	RKB	PERFS OH 3042' - 3070'
SURFACE 8 5/8" @ 318'	INTERMEDIATE	PRODUCTION 5 1/2" @ 300'	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.

10/21/02

Run 1 1/2 PBZ ZONITE, wait + log @ 2885'. FL @ 930'. Poured 3 PBZ ZONITE, wait + log @ 2839'.
 Bottom plug set from 2869' - 2972' (103') w/ 1 1/2 PBZ ZONITE as of 11:30 AM 10/21/02. Picked 5 1/2" wiper rubber to 1560'. Poured 12 PBZ ZONITE, wait + log @ 1458'. T/salt plug set from 1458' - 1560' (102') w/ 12 PBZ ZONITE as of 3:40 PM 10-21-02.
 RD Benterra.

10/31/02

Key pump truck loaded w/ 25 bbls FW. Press to 250 psi - hold OK.

11/6/02

Key WL perforated 5 1/2" CSG w/ 4 holes @ 368'.



CORPORATION

Daily Operations Summary

Page ____ of ____

OPERATOR <i>STATE OF New Mexico</i>			DATE See Below
LEASE & WELL NUMBER <i>NCRQU # 7-3</i>			COUNTY & STATE <i>LEN, NM</i>
FIELD			FORMATION
TD <i>3070'</i>	PBD	RKB	PERFS <i>OH 3042' - 3070'</i>
SURFACE <i>5 1/8" @ 318'</i>	INTERMEDIATE	PRODUCTION <i>5 1/2" @ 300'</i>	CIBP DEPTH
OPERATOR CHARGE CODE			BENTERRA CHARGE CODE
This well is part of the New Mexico "P&A Pilot Project" conducted by Benterra Corporation to demonstrate the plugging and abandonment process using highly compressed sodium bentonite nodules as the plugging medium.			
<i>10/10/02</i>			
<i>Key backhoe dig out W.H. to $\pm 2\frac{1}{2}'$. Found surface hole w/ 2-3" B.P. Backed out north side B.P. had slight gas press. Installed 2" riser on north side + backfilled excavation.</i>			
<i>10/14/02 - Welded on 5 1/2" slip collar.</i>			
<i>10/17/02</i>			
<i>Key pump truck loaded hole w/ 51 BFW + Chem. Pumped add'l 29 bbls @ 1 1/2 BPM + < 100 psc. Total of 80 bbl pumped. RD Key</i>			
<i>10/18/02</i>			
<i>MIRU Benterra #4. Made trip w/ 2" SB + tag bit @ 2972'. Made trip w/ FST to 2900', recovered fluid sample + test chlorides @ 427 ppm. Poured 10 ft³ ZONITE, wait + tag @ 2900'. SDOH & weekend.</i>			

ENVERA Corporation
Mid-Continent Region

Daily Operations Log

Well: North Caprock Queen Unit #
Operator: State of New Mexico

Date: 10-17-02
Unit: 4

Measurement Reference = AGL

Start	End	Activity
9:00		7-3 - 20 well loaded w/ 51 BBLs pumped 25 more total 145 176 BPM no press Total of 80 BBLs pumped down
		6-14 - loaded w/ 20 BBLs pumped 6 more BBLs to 300 PSI Hold press. Total 26 BBLs
		6-6F - loaded w/ 10 BBLs water started circulating at 140 bpm closed started press. up 140 closed in moved off.
		5-05 - Pumped 28 BBLs down 5 1/2 on vacuum
		5-12 - Pumped 71 BBLs loaded press up to 300 PSI Hold. loaded w/ 40 BBLs
		6-9 - Pumped 16 BBLs caught fluid pumped 6 more caught press up 300 PSI fluid. 22 total
		6-2 - Pumped 11 BBLs loaded couldn't pump into press up to 300 300 PSI

Total Manhours <u> </u>	Total Miles Driven <u> </u>
Consumables	Crew
ZONITE™ <u> </u> FT³	
Wiper Plugs <u> </u>	
Fresh Water <u> </u> BBLs	
Daily Checklist	Comments/Incidents/Regulatory Contacts
Pre-job Safety Meeting ☒	
Well Control Equipment ☒	
Hoisting Equipment ☒	

Daily Operations Log

Well: North Caprock Queen Unit #1

Date: 10-14-62

Unit: 4

Start	End	Activity
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Watched over Welder w/ Harper

Welded 5 1/2 coppers on well's
Q 7-3, 6-14, 6-11, 6-6F

Welded 7" Collar on 6-2

Total Miles Driven

Crew

Constant wedding (Justin)

Fresh Water _____ BBLs

Comments/Incidents/Regulatory Contacts

☒

D

☒

Daily Operations Log

Well: NCRQV 7-3
Operator: S.O.N.M

Date: 10-3-02
Unit: B-4

Measurement Reference = _____ AGL

Start	End	Activity
12:30	1:00	Lunch
1:00	1:15	R.I.H w/ MSB tag @ 2973'
1:15	1:25	P.O.O.H w/ SB FL 1270' FS
1:25	1:40	R.I.H w/ EST to 2950'
1:40	1:50	P.O.O.H B.S in Top kept from getting sample
1:50	2:00	R.D T&K.

Thick gritty heavy oil would pass cause
zonite to bridge

Total Manhours 3

Total Miles Driven _____

Consumables

ZONITE™ 0 FT³
Wiper Plugs 0
Fresh Water 0 BBLS

Crew

Grady Beek
Johnny DeGode

Daily Checklist

Pre-Job Safety Meeting ☒
Well Control Equipment ☒
Hoisting Equipment ☒

Comments / Incidents / Regulatory Contacts