

Office

Geology, Minerals and Natural Resources

Revised March 25, 1999

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

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

Well API NO.

30-025-28925

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

N. Seven Rivers Queen Waterflood

8. Well No. 12

9. Pool name or Wildcat

Eunice;Seven Rivers-Queen, South

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 ☐ Injector

2. Name of Operator

Chevron U.S.A. Inc

3. Address of Operator

P. O. Box 1150, Midland, TX 79702

4. Well Location

Unit Letter O : 1305 feet from the South line and 2635 feet from the East line

Section 4

Township 22S

Range 36E

NMPM

County LEA

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

3584' GR

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.

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.

Tagged bottom @ 3665'

Bottom Plug @ 3543' - 3665'	17 cu ft Zonite	Tagged
B/Salt Plug @ 2901' - 3040'	19 cu ft Zonite	Tagged
T/Salt-Rustler Plug @ 1471' - 1580'	15 cu ft Zonite	Tagged
FW/Shoe Plug @ 410' - 530'	16 cu ft Zonite	Tagged
Top Plug @ 3' - 33'	4 cu ft Zonite	

Set Marker. Chevron to clean location.

Plugging operations began 10/8/01 and were completed 3/28/02. Wellbore diagram attached.

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

SIGNATURE

J.K. Ripley / by Cara Shoaff

TITLE Regulatory OA

DATE 4/22/02

Type or print name J.K. Ripley

Telephone No. (915) 687-7148

(This space for State use)

APPROVED BY

El Comodoro

TITLE

Adm Rep

DATE 7-30-02

Conditions of approval, if any:

GWW

15
C
S

**Final P&A
Schematic**

WELL NAME: Seven Rivers Queen Waterflood, North #012
API NUMBER: 30-025-28925
COORDINATES: 1305' FSL & 2635' FEL Unit O
SEC/TWN/RNG: 4 - 22S - 36E
COUNTY/STATE: Lea, NM
DRILLED: 1984

OPERATOR: Chevron
FIELD: South Eunice
DATE: April 17, 2002
BY: CRS/MCB

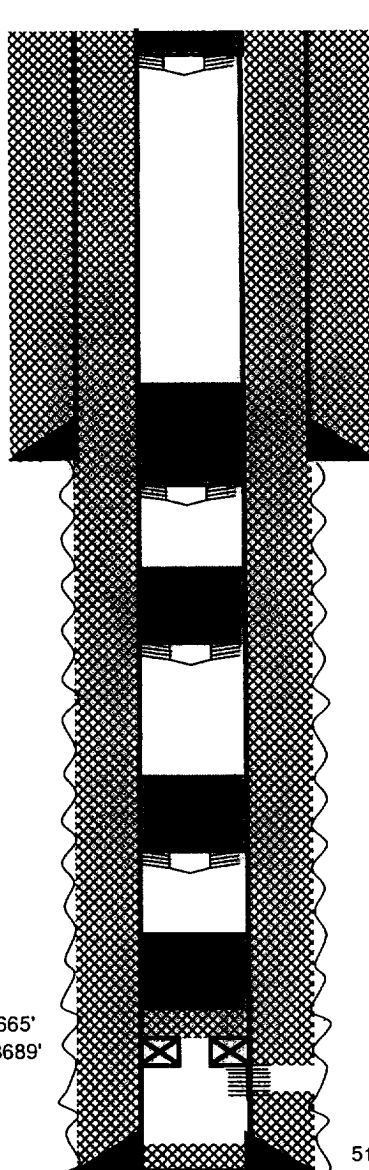
RKB = 13'

Formation Tops	
Rustler	1526'
Salt	1610'
Yates	3140'
7 Rivers	3370'
Queen	3725'

85/8" 24 - 28# @ 480' w/ 350 sx, circ

ZONITE Plugs	
Top Plug	3' - 33'
FW/Shoe Plug	410' - 530'
T/Salt-Rustler	1471' - 1580'
B/Salt Plug	2901' - 3040'
Bottom Plug	3543' - 3665'

Top of fill 3665'
Packer @ 3689'



Top Plug @ 3' - 33'
4 cu ft Zonite
Wiper Plug @ 33'

FW/Shoe Plug @ 410' - 530'
16 cu ft Zonite
Wiper Plug @ 530'

T/Salt - Rustler Plug @ 1471' - 1580'
15 cu ft Zonite
Wiper Plug @ 1580'

Top of Salt = 1610'

B/Salt plug @ 2901' - 3040'
19 cu ft Zonite
Wiper Plug @ 3040'

Bottom Plug 3543' - 3665'
17 cu ft Zonite

Perfs: 3782 - 3860' overall

51/2" - 15.5# K55 LTC @ 3970" w/ 1100 sx, circ to surf

3926' PBD

3970' TD

Legend	
Cement	
ZONITE	

OPERATOR Chevron U.S.A. Production Company			DATE See Below		
LEASE & WELL NUMBER Seven Rivers Queen Waterflood, North #12			COUNTY & STATE Lea, New Mexico		
FIELD South Eunice			FORMATION Queen		
TD 3970'	PBD 3926'	RKB 13'	PERFS 3782' – 3860'		
SURFACE 85/8" @ 480'	INTERMEDIATE	PRODUCTION 5½" @ 3970'	CIBP DEPTH None		
OPERATOR CHARGE CODE UPWPBA1008ABN			BENTERRA CHARGE CODE NWNMR-00101-013		
<p>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.</p>					
10/8/01					
<p>MIRU Benterra Unit #4. SIP = STATIC. RU Key pump truck to displace hole, pump 20 bbl FW and press to 500 psi. Could not pump into perfs with 500 psi and no bleed down. Press to 1000 psi with same result. RD pump truck and Benterra. Moved Benterra back to tag btm. WIH with WL and tagged at 3665' = 24' above reported pkr setting depth and 117' above top perf. RD Benterra.</p>					
10/9/01					
<p>Discussed wellbore with Chevron's Nathan Mouser. Noted that we couldn't be certain that fresh water was present at btm plug depth and that FW hydration was preferred over produced water. Nathan thought the well had FW pkr fluid and this was probably what remained in the wellbore. Also, this waterflood never responded (low bottom hole pressure) and the fact that we couldn't pump in with 1000 psi, Nathan thought that a produced water plug was acceptable. Closed discussion with proposal that Benterra would go forward with plugging if NMOCD approved. Discussed with E.L. Gonzalez with NMOCD; he approved setting btm plug without cleaning out fill or displacing wellbore w/ fresh water. Plug to be placed from 3665' with minimum height of 100'. Will monitor per pilot protocol. E.L. noted that no cavity shots were required and csg would not be pulled, therefore, if problem developed in future, well could be easily re-entered.</p>					
10/10/01					
<p>SIP = static. Removed WH. Poured 17 cu ft of ZONITE, wait and tagged at 3543'. Bottom plug set from 3543' - 3665' (122') w/ 17 cu ft ZONITE as of 2:35 PM 10/10/01. RD Benterra.</p>					
10/25/01					
<p>MIRU Benterra Unit #4. SIP = static. Remove WH. WIH with SB and tag plug at 3543', OK. FL at 40'. Pushed 5½" wiper rubber to 3040'. Poured 10 cu ft ZONITE, wait and tag at 2969'. (Note: oil in wellbore). RD Benterra. Will road to Eunice to load ZONITE.</p>					
10/26/01					
<p>MIRU Benterra Unit #4. SIP = static. Remove WH. Poured 9 cu ft ZONITE, wait and tag at 2901'. Fluid at surface – some oil. B/Salt plug set from 2901' – 3040' (139') with 19 cu ft ZONITE as of 10:00 AM 10/26/01. Pushed 5½" wiper rubber to 1580'. Poured 11 cu ft ZONITE, wait and tag at 1501'. Poured 4 cu ft ZONITE, wait and tag at 1471'. T/Salt – Rustler plug set from 1471' – 1580' (109') with 15 cu ft ZONITE as of 12:50 PM 10/26/01. Install WH and SWI. RD Benterra.</p>					

11/26/01

MIRU Benterra Unit #4. SIP = static. Remove WH. Made trip with SB and tag plug at 1470', OK. Push 5½" wiper rubber to 530'. Poured 8 cu ft ZONITE, wait and tag at 470'. Poured 8 cu ft ZONITE, wait and tag at 410'. Fresh water - 85/8" shoe plug set from 410' - 530' (120') with 16 cu ft ZONITE as of 1:45 PM 11/26/01. Push 5½" wiper rubber to 33', poured 4 cu ft ZONITE and filled 5½" csg to surface. Top plug in place as of 2:45 PM 11/26/01. RD Benterra.

12/10/01

Wellbore open to atmosphere - fluid at surface, no bubbling. Install WH and SWI to determine if there is any pressure buildup.

12/19/01

SIP = static.

1/9/02

SIP = static.

1/28/02

Add water to cover top of ZONITE plug, no bubbling.

2/20/02

Check location - no problems.

3/14/02

Check location - no problems.

3/18/02

Check location - water on top plug w/ no bubbling. Surface/Intermediate risers are open & static.

3/28/02

Key Energy Services dug out cellar & cut off wellhead & casings to 4' below GL. Poured 40 gals ZONITE into 85/8" x 5½" annulus. Welded on cap with ½" brass valve and installed dry hole marker with well identification. Dug out and cut-off guywire anchors @ 4' below GL. Back-filled all excavations. Turned over to ChevronTexaco for location cleanup and NMOCD inspection. Final Report.