

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  
E. gy, 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.  
30-025-08760

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

Harry Leonard (NCT) D

8. Well No. 10

9. Pool name or Wildcat  
Eunice South; 7 Rivers-Queen

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 TA'd

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

Section 3

Township 22S

Range 36E

NMPM

County LEA

10. Elevation (Show whether DR, RKB, RT, CR, etc.)  
3567' 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 @ 3870'

Bottom Plug @ 3627' - 3870'	34 cu ft Zonite	Tagged
Rustler Plug @ 1492' - 1610'	16 cu ft Zonite	Tagged
Shoe/FW Plug @ 379' - 479'	14 cu ft Zonite	Tagged
Surface Plug @ 3' - 33'	4 cu ft Zonite	

Set marker. Chevron to clean location.

Plugging operations began 10/11/01 and were completed on 3/26/02. 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 Shoab 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 [Signature]

TITLE Field Rep

DATE 7-30-02

Conditions of approval, if any:

GWW

**Final P&A  
Schematic**

**Well Name:** Harry Leonard (NCT) D #10  
**API Number:** 30-025-08760  
**Coordinates:** 1980' FNL & 1980' FWL Unit F  
**S - T - R** 3 - 22S - 36E  
**County / State:** Lea, NM  
**Drilled:** 1958

**Operator:** Chevron  
**Field:** Eunice South  
**Date:** 4/4/02  
**By:** CRS/MCB

**RKB =** 9'

Surface Plug @ 33' - Surface  
4 cu ft Zonite  
Wiper Plug @ 33'

Shoe/FW Plug @ 379' - 479'  
14 cu ft Zonite  
Wiper Plug @ 479'

Rustler Plug @ 1492' - 1610'  
16 cu ft Zonite  
Wiper Plug @ 1610'

**ZONITE Plugs**

3' - 33'	Top Plug
379' - 479'	Shoe /FW
1492' - 1610'	Rustler
3627' - 3870'	Bottom Plug

Bottom Plug 3627' - 3870'  
34 cu ft Zonite

Top of fill @ 3870'

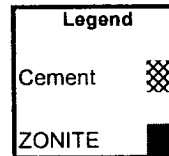
85/8" - 24# J55 @ 429' w/ 325 sx, circ

Rustler = 1560'

Top of Salt = 2260'

Perfs: 3728 - 3896' overall

51/2" - 15.5# 8rd J55 @ 3900' w/ 950 sx, cmt circ



Formation Tops	
Rustler	1560'
Salt	2260'
Yates	3124'
7R	3370'
Queen	3720'

3897' PBDT

3900' TD

<b>OPERATOR</b> Chevron U.S.A. Production Company				<b>DATE</b> See Below	
<b>LEASE &amp; WELL NUMBER</b> Harry Leonard (NCT-D) #10				<b>COUNTY &amp; STATE</b> Lea, New Mexico	
<b>FIELD</b> Eunice South				<b>FORMATION</b> Queen	
<b>TD</b> 3900'	<b>PBD</b> 3897'	<b>RKB</b> 9'	<b>PERFS</b> 3728' – 3896' overall		
<b>SURFACE</b> 85/8" @ 429'	<b>INTERMEDIATE</b>	<b>PRODUCTION</b> 5½" @ 3900'	<b>CIBP DEPTH</b> None		
<b>OPERATOR CHARGE CODE</b> UWPWBA1034ABN			<b>BENTERRA CHARGE CODE</b> NWNMR-00101-018		
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.					
10/11/01					
MIRU Benterra Unit #4. Check for pressure - slight blow. Remove WH & install WCV. WIH w/ 2" SB & tag btm @ 3870' = 27' above PBD & 26' above btm perf. FL @ approximately 2120'. RU Pool pump truck & pumped 65 bbls fresh water into wellbore. Loaded @ 35 BW & then pumped @ 1 BPM @ 0 psi. Well on vac. RD Pool. Poured 8 cu ft ZONITE, wait and tag @ 3812'. SDON.					
10/12/01					
ONSIP = static. RU Key pump truck & displaced hole w/ 110 bbl fresh water. Fluid taken on vac. Poured approximately 15 cu ft ZONITE, wait & tag @ 3705'. FL @ 1505'. Poured 11 cu ft ZONITE, wait & tag @ 3627'. Bottom plug set 3627' – 3870' (243') w/ 34 cu ft ZONITE as of 11:40 a.m. 10/12/01. FL @ last tag = 1950'. Install WH equipment, SWI and RD Benterra.					
10/13/01					
Key pump truck added 20 bbls fresh water.					
10/17/01					
Key pump truck added 35 bbls fresh water.					
10/19/01					
MIRU Benterra. SIP = static. Made trip w/ 3½" FLT, tag btm @ 3630', FL @ 585'. Pushed 5½" wiper rubber to 1610'. Poured 9 cu ft ZONITE, wait & tag @ 1546'. Poured 7 cu ft ZONITE, wait & tag @ 1492'. T/Salt = Rustler plug set 1492' – 1610' (118') w/ 16 cu ft ZONITE as of 2:45 p.m. 10/19/01. Pushed 5½" wiper rubber to 479'. Pour 14 cu ft ZONITE, wait and tag at 379'. Fresh water – 85/8" shoe plug set 379' – 479' (100') with 14 cu ft ZONITE at 3:25 PM 10/19/01. FL @ surface after setting these two plugs. RD.					
12/10/01					
SIP = static.					

12-26-01

RU Benterra #4. SIP = static. Removed WH. Made trip with SB & tag top of plug @ 380', OK. RD Benterra.

1/9/02

SIP = static.

1/14/02

SIP = static. FL @ 5' below wellhead.

1/17/02

SIP = static. Made trip with SB & tagged 85/8" Shoe/FW plug @ 370', OK. Push 5½" wiper rubber to 33'. Filled 5½" csg to surface with 4 cu ft of ZONITE. Top plug in place as of 12:55 PM 1/17/02. RD Benterra.

1/28/02

Water visible on top of ZONITE plug, no bubbling.

2/20/02

Check location - no problems.

3/14/02

Check location - no problems.

3/18/02

Top of plug partially dehydrated, add 1 qt water and had no bubbling. Surface pipe riser open and static.

3/26/02

Key Energy Services dug out cellar & cut off wellhead and casings to approximately 4' below GL. Poured 30 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 & cut guywire anchors 4' below GL. Backfilled all excavations. Turned over to ChevronTexaco for location cleanup & NMOCD inspection. Final Report.