Office District 1 1625 N. French Dr., Hobbs, NM 88240	Form C-103			
1625 N. French Dr., Hobbs, NM 88240	rces Revised March 25, 1999			
	WELL API NO.			
District II 1301 W. Grand Ave., Artesia, NM 88210 OIL CONSERVATION DIVISION	ON 30-025-04934  5. Indicate Type of Lease			
District III 1220 South St. Francis Dr.	STATE X FEE			
1000 Rio Brazos Rd., Aztec, NM 87410  Santa Fe, NM 87505	6. State Oil & Gas Lease No.			
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505				
SUNDRY NOTICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name:			
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH				
PROPOSALS.)	Harry Leonard (NCT-C)			
1. Type of Well:				
Oil Well Gas Well X Other				
2. Name of Operator Chevron U.S.A. Inc	8. Well No. 7			
3. Address of Operator	9. Pool name or Wildcat			
P. O. Box 1150, Midland, TX 79702	Eumont; Yates-7Rivers-Queen			
4. Well Location				
Unit Letter G: 1980 feet from the North line and 1980 feet from the East line				
Section 36 Township 21S Range	36E NMPM County LEA			
10. Elevation (Show whether DR, RKB, R	Γ, GR, etc.)			
3507' GR				
11. Check Appropriate Box to Indicate Nature of	Notice, Report or Other Data			
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDI	AL WORK ALTERING CASING			
TEMPORARILY ABANDON	NCE DRILLING OPNS. PLUG AND ABANDONMENT			
PULL OR ALTER CASING MULTIPLE CASING COMPLETION CEMEN	TEST AND  T JOB			
OTHER: OTHER:	П			
12. Describe proposed or completed operations. (Clearly state all pertinent detail				
starting any proposed work). SEE RULE 1103. For Multiple Completions:	Attach wellbore diagram of proposed completion or			
recompilation.				
Chevron proposes to P&A per the attached procedure.				
• •	d by Benterra Corporation to demonstrate the			
This well is part of the New Mexico "P&A Pilot Project" conducte				
• •				
This well is part of the New Mexico "P&A Pilot Project" conducte				
This well is part of the New Mexico "P&A Pilot Project" conducte plugging and abandonment process using highly compressed sodium.	THE COMMISSION MUST BE NOTIFIED 24			
This well is part of the New Mexico "P&A Pilot Project" conducte plugging and abandonment process using highly compressed sodiu  POST SUBSEQUENT P&A TO RBDMS	THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF			
This well is part of the New Mexico "P&A Pilot Project" conducte plugging and abandonment process using highly compressed sodiu	THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103			
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This well is part of the New Mexico "P&A Pilot Project" conducte plugging and abandonment process using highly compressed sodiu  POST SUBSEQUENT P&A TO RBDMS  COMPLIANCE SCREEN  Thereby certify that the information above is true and complete to the best of my	THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.			
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This well is part of the New Mexico "P&A Pilot Project" conducte plugging and abandonment process using highly compressed sodiu  POST SUBSEQUENT P&A TO RBDMS COMPLIANCE SCREEN  Thereby certify that the information above is true and complete to the best of my signature.  Light Title Regulatory Type or print name. J.K. Ripley	THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.			
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This well is part of the New Mexico "P&A Pilot Project" conducte plugging and abandonment process using highly compressed sodiu  POST SUBSEQUENT P&A TO RBDMS COMPLIANCE SCREEN  I hereby certify that the information above is true and complete to the best of my SIGNATURE  TITLE Regulatory Type or print name  J.K. Ripley  (This space for State use)	THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.  Knowledge and belief.  DATE 8/8/01			

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#### **P&A PROCEDURE**

Chevron Operator: Well Name: Harry Leonard (NCT-C) #7 Eumont (Y7RQ) 30-025-04934 Field: **API Number** Date: 8/4/2001 1980 FNL & 1980 FEL Coordinates: DCD By: 36 - 21S - 36E Unit G S-T-R County / State: Lea, NM 1944 Drilled:

### Provide 24 hr Notification to NMOCD of Pending Operations

- MI Benterra equip. Hold pre-job safety mtg and spot equipment. Check 51/2" csg and 95/8" x 51/2" annulus for pressure.
- 2. ND WH equip and install well control equip.
- 3. Check btm w/ SL, verify depth of CIBP @ 3200'. Record FL. Displace wellbore fluids w/ freshwater.
- 4. Insert 51/2" wiper plug (cored to allow fluid bypass) into csg and push to 2950' w/ slickline.
- 5. Surface pour 14 cu ft of ZONITE to set 100' btm plug from approx 2850 2950'. Set plug in stages, check w/ SL to assure bridges are not occurring and required plug height is achieved. Pour at rate that minimizes potential to bridge. After setting plug, add water as necessary to assure hydration of plug. Remove well control equip and NU WH equip to secure well.
- 6. Move off location and wait minimum of 48 hours for plug to hydrate. Assure that an adequate fluid level is maintained to hydrate plug.
- 7. MI Benterra equip. Hold pre-job safety mtg and spot equipment. Check 51/2" csg and 95/8" x 51/2" annulus for press and install well control equip. Check top of plug w/ slickline and record FL.
- 8. Insert 51/2" wiper plug (cored to allow fluid bypass) into csg and push to 1215' w/ slickline. Cap w/ 20' of ZONITE ( 2 3 cu ft). Fill casing w/ freshwater.
- 9. Perform cavity shot (removal of 10' of casing) at top of Rustler = 1163 1173'. Check btm with SL after shot.
- 10. Pour ZONITE and establish plug from 1073 1173'. Volume of ZONITE estimated to be 20 cu ft. Use precautions as in Step 5 to assure proper placement of ZONITE and required height is achieved. Fill casing with freshwater if necessary to hydrate plug and prep for second cavity shot.
- 11. Push cored 51/2" wiper plug to 334' w/ slickline. Cap w/ 20' ZONITE (2 3 cu ft).
- 12. Perform cavity shot at 284 294'.
- Pour ZONITE and establish plug from 194 294'. Volume of ZONITE estimated to be 20 cu ft.
   Use precautions as in Step 5 to assure proper placement of ZONITE and required height is achieved.
- 14. Insert & push 51/2" wiper plug to 30' w/ slickline.
- 15. Fill casing w/ ZONITE to 3' below GL (4 cu ft).

### Harry Leonard (NCT-C) #1 P&A Procedure Page 2

- 16. Remove well control equip, secure WH and RD equip.
- 17. Allow 48 hours for ZONITE to hydrate, remove WH, cut off casings 3' below GL. Also attempt to bridge 95/8" x 51/2" annulus with ZONITE before capping well.
- 18. Install dry hole marker stamped w/ required well identification, 4" OD x 4' above GL.
- 19. Remove all equip and cut deadmen below GL.
- 20. Turn over to Chevron for any surface remediation work.

Estimated ZONITE	Requirements:	64 ft <sup>3</sup>

## **BENTERNA** Corporation Mid-Continent Region

# WELL PLANNING SHEET EXISTING CONFIGURATION

Well Name:

Harry Leonard (NCT-C) #7

API Number Coordinates:

30-025-04934

Verify depth of CIBP

S-T-R

1980 FNL & 1980 FEL 36 - 21S - 36E Unit G

County / State: Drilled:

Lea, NM 1944 Operator:

Chevron

Field:

Eumont (Y7RQ)

Date: By: 7/31/2001 M. Bondy

 Formation Tops

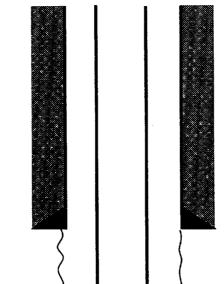
 Salt
 1255'

 Yates
 2658'

 7 Rivers
 2886'

 Queen
 3350'

 Penrose
 3445'



3805' TD

95/8" Spiral Weld @ 294' w/ 135sx, circ

Top of Rustler @ 1163'

Top of salt @ 1255'

TOC @ 2492' Base of salt @ 2499'

Yates @ 2658'

Perfs 2974' - 3053'

CIBP @ 3200'

Perfs, sqz'd 3219' - 3432'

Perfs 3452' - 3627' Perfs, sqzd 3469' - 3612' CIBP @ 3675' w/ 35' cmt

5 1/2" @ 3712' Cement to 2492 by calc.



### WELL PLANNING SHEET Proposed P&A

Well Name:

Harry Leonard (NCT-C) #7

API Number:

30-025-04934

Coordinates: S - T - R 1980 FNL & 1980 FEL 36 - 21S - 36E, Unit G

Drilled:

1944

Operator: Chevron

Field Eumont (Y7RQ)

Date: 7/31/2001

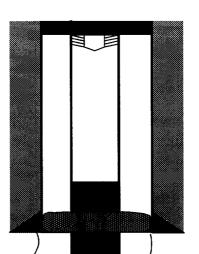
By: M. Bondy

**RKB** = 8'

Formation Tops	
Rustler	1163'
Salt	1255'
Yates	2658'
7 Rivers	2886'
Queen	3350'

Penrose

3445



3805' TD

Legend
Cement
ZONITE

Cavity Shot @ 284 - 294'

95/8" Spiral Weld @ 294' w/ 135sx, circ

ZONITE Plugs

3 - 30'

Top Plug

194 - 294

Shoe / FW / Cavity Shot

1073 - 1173'

Rustler / Cavity Shot

2850 - 2950'

Perf Plug

Cavity Shot 1163 - 1173' Top of Rustler @ 1163'

Top of salt = 1255'

TOC @ 2492' Base of salt @ 2499'

Yates @ 2658'

Perfs 2974' - 3053'

CIBP @ 3200'

Perfs, sqz'd 3219' - 3432'

Perfs 3452' - 3627' Perfs, sqzd 3469' - 3612' CIBP @ 3675' w/ 35' cmt

5 1/2" @ 3712' Cement to 2492 by calc.

Verify depth of CIBP