

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. 30-025-04935
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Harry Leonard (NCT) C
8. Well No. 8
9. Pool name or Wildcat Eumont; Yates-7 Rivers-Queen
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3487' GR

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
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 H: 1980 feet from the North line and 660 feet from the East line Section 36 Township 21S Range 36E NMPM County LEA	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3487' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

Chevron proposes to P&A per the attached procedure.

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.

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.

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

SIGNATURE <u>J. K. Ripley</u>	TITLE <u>Regulatory OA</u>	DATE <u>8/8/01</u>
Type or print name <u>J.K. Ripley</u>	Telephone No. <u>(915)687-7148</u>	
(This space for State use)		
APPROVED BY _____	TITLE _____	DATE _____
Conditions of approval, if any:		

P&A PROCEDURE

Well Name: Harry Leonard (NCT-C) #8
API Number 30-025-04935
Coordinates: 1980 FNL & 660 FEL
S - T - R 36 - 21S - 36E Unit H
County / State: Lea, NM
Drilled: 1944

Operator: Chevron
Field: Eumont
Date: 8/28/01
By: DCD

Provide 24 hr Notification to NMOCD of Pending Operations
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1. 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, 3518' PBD. Calculate fluid volume in well. Record FL. Displace wellbore fluids w/ 2x fluid volume of freshwater.
4. Push cored 51/2" wiper plug to 3330'. Pour 14 cu ft of ZONITE and establish plug from **3230' - 3330'**. 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.
5. Move off location and wait at least overnight for plug to hydrate. Assure that an adequate fluid level is maintained to hydrate plug.
6. MI Benterra equip. Hold pre-job safety mtg and spot equipment. Check 51/2" csg and 95/8" x 51/2" annulus for pressure and install well control equip. Check top of plug w/ slickline and record FL.
7. Push cored 51/2" wiper plug to 2750' = 50' below B/Salt. Pour 14cu ft of ZONITE and establish plug from **2650' - 2750'**. Use pouring precautions as in Step 4 and add freshwater to assure hydration of plug.
8. Push cored 51/2" wiper plug to 1590' = 50' below Rustler. Pour 14 cu ft of ZONITE and establish plug from **1590' - 1690'**. Use pouring precautions as in Step 4 and add freshwater to assure hydration of plug.
9. Insert 51/2" cored wiper plug into csg and push to 343' w/ slickline. Cap w/ 20' of ZONITE (~2 cu ft). Fill casing w/ freshwater to surface to prep for cavity shot.
10. Perform cavity shot (removal of 10' of casing) 283' - 293'. Check btm with SL after shot.
11. Pour ZONITE and establish plug from **193' - 293'**. Volume of ZONITE estimated to be 17 cu ft. Use precautions as in Step 4 to assure proper placement of ZONITE and required height is achieved. Ensure adequate water for hydration.

Harry Leonard (NCT-C) #8

P&A Procedure

Page 2

12. Push 51/2" wiper plug to **30'** w/ slickline.
13. Fill casing w/ ZONITE to 3' below GL (~4 cu ft).
14. Top off well with fresh water.
15. Remove well control equip, secure WH and RD equip.
16. 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.
17. Install dry hole marker stamped w/ required well identification, 4" OD x 4' above GL.
18. Remove all equip and cut deadmen below GL.
19. Turn over to Chevron for any surface remediation work.

Estimated ZONITE Requirements:

65 ft³

WELL PLANNING SHEET
Existing Configuration

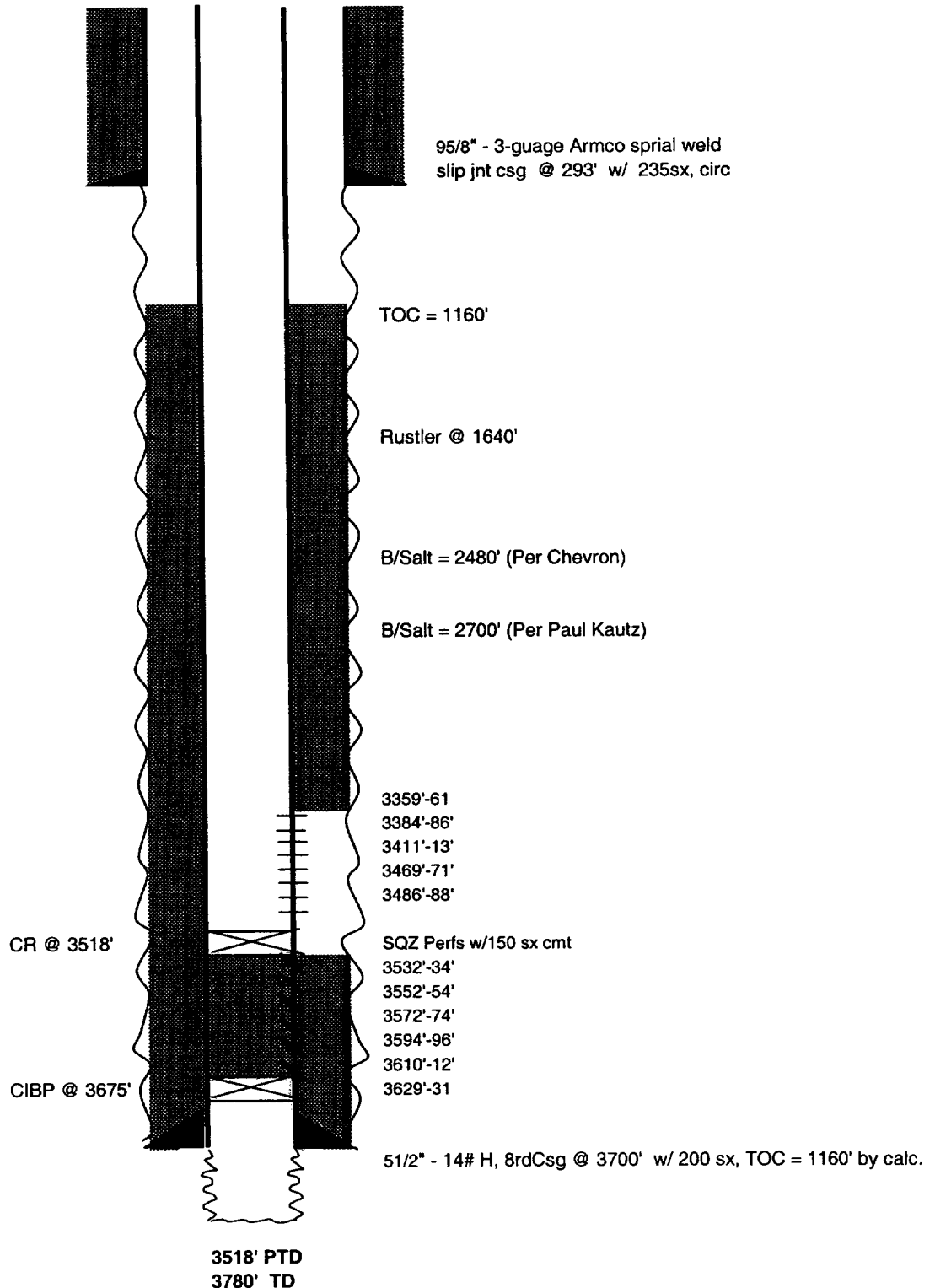
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API Number: 30-025-04935
Coordinates: 1980 FNL & 660 FEL
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County / State: Lea, NM
Drilled: 1944

Operator: Chevron
Field: Eumont
Date: 8/28/01
By: DCD

RKB = 13'

Formation Tops

Rustler	1640'
B/Salt(Chevron)	2480'
Yates	2604'
B/Salt(Paul Kautz)	2700'
Knight	3370'
Penrose	3480'
Eunice Dolomite	3640'



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RKB = 9'

Formation Tops	
Rustler	1640'
B/Salt(Chevron)	2480'
Yates	2604'
B/Salt(Paul Kautz)	2700'
Knight	3370'
Penrose	3480'
Eunice Dolomite	3640'

ZONITE Plugs	
3 - 30'	Top Plug
193' - 293'	Shoe / FW - Cavity Shot
1590' - 1690'	Rustler
2650' - 2750'	B/Salt
3230' - 3330'	Perf Plug

