

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.
30-025-08760

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
Eumont;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, GR, 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.

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.

POST SUBSEQUENT P&A TO RBDMS
COMPLIANCE SCREEN

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

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

SIGNATURE J.K. Ripley TITLE Regulatory OA

DATE 8/8/01

Type or print name J.K. Ripley

Telephone No. (915) 687-7148

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

P&A PROCEDURE

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

Operator: Chevron
Field: Eunice South
Date: 8/9/01
By: DCD

Provide 24 hr Notification to NMOCD of Pending Operations
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Note: If Chevron has already pulled tbq, proceed to Step 3.

1. MIPU. Hold pre-job safety mtg and RU. Check 51/2" csg and 85/8" x 51/2" annulus for pressure.
2. Install BOP. Tag btm and POH & LD tbq. Remove BOP, close well in and RD&RPU.
3. MI Benterra equip. Hold pre-job safety mtg and spot equipment. Check 51/2" csg and 85/8" x 51/2" annulus for pressure.
4. ND WH equip and install well control equip.
5. Make trip w/ GR on slickline and check PBD. Record FL. Displace wellbore fluids w/ freshwater.
6. Insert 51/2" wiper plug (cored to allow fluid bypass) into csg and push to 3700' w/ slickline.
7. Surface pour 14 cu ft of ZONITE to set 100' btm plug from 3600 - 3700'. Set plug in stages, checking w/ SL to assure bridges are not occurring and proper 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 install WH to secure well.
8. Move off location and wait 24 - 48 hours for plug to hydrate. Assure that an adequate fluid level is maintained to hydrate plug.
9. MI Benterra equip. Hold pre-job safety mtg and spot equipment. Check 51/2" csg and 85/8" x 51/2" annulus for press and install well control equip. Check top of plug w/ slickline and record FL.
10. Push cored 51/2" wiper plug to 1610' w/ slickline.
11. Surface pour 14 cu ft of ZONITE to set 100' plug across top of Rustler from 1510 - 1610'. Set plug in stages, using precautions as in Step 7. After setting plug, add water as necessary to assure hydration of plug.
12. Push cored 51/2" wiper plug to 479' w/ slickline. Set 100' (14 cu ft) ZONITE plug using precautions in Step 7 from 379' - 479', across 85/8" shoe @ 429'. Add water if necessary to hydrate plug.
13. Push cored 51/2" wiper plug to 30' w/ SL. Fill csg w/ ZONITE to 3' below GL (4 cu ft)
14. Remove well control equip, secure WH and RD equip.
15. Allow 48 hours for ZONITE to hydrate, remove WH, cut off casings 3' below GL and cap wellbore.
16. Install dry hole marker stamped w/ required well identification, 4" OD x 4' above GL.
17. Remove all equip and cut deadmen below the surface.
18. Turn over to Chevron for any surface remediation work.

Estimated ZONITE Requirements:

46 ft³

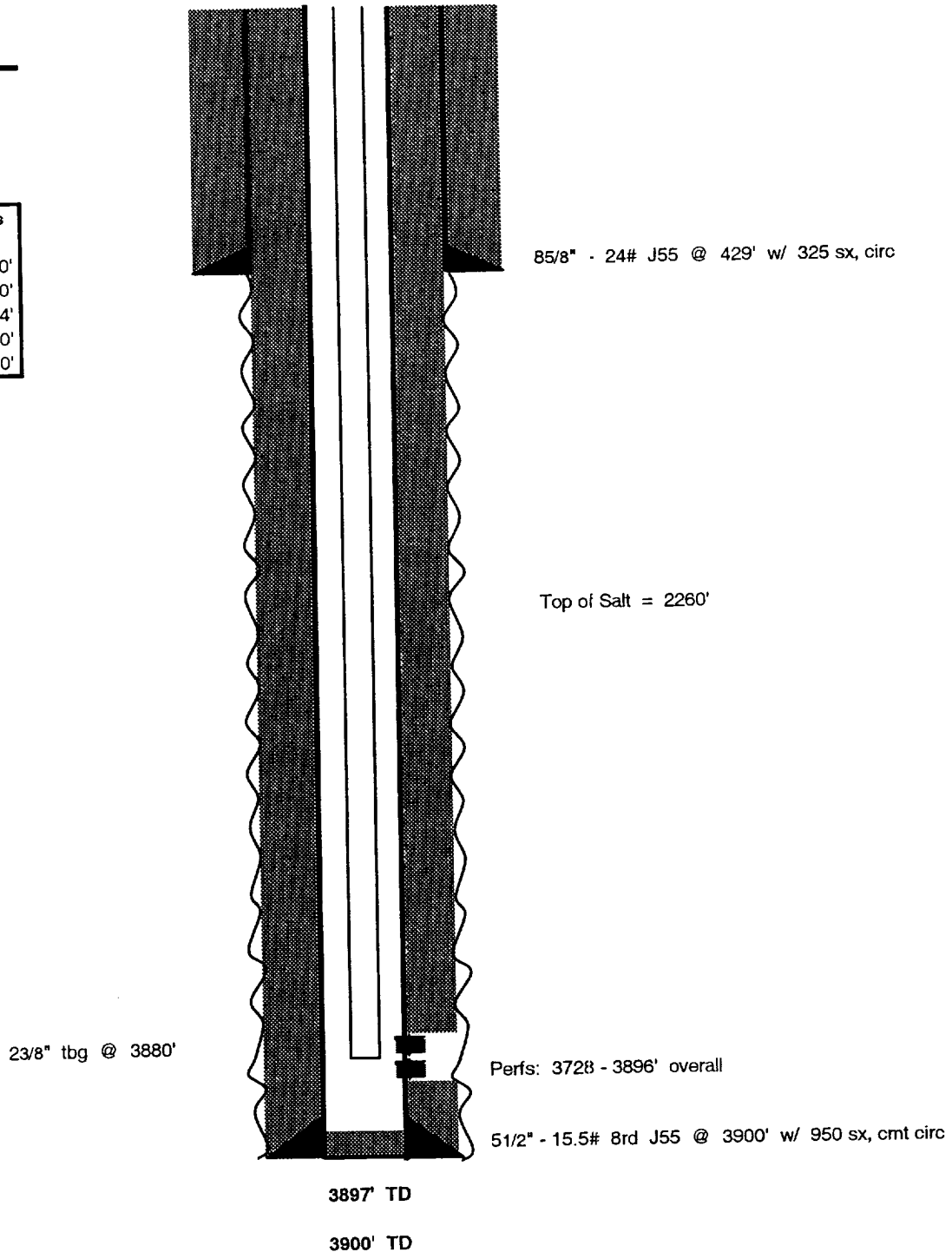
**WELL PLANNING SHEET
EXISTING CONFIGURATION**

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: 8/9/2001
BY: DCD

RKB = 9'

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



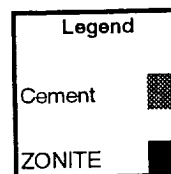
WELL PLANNING SHEET

Proposed P&A

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

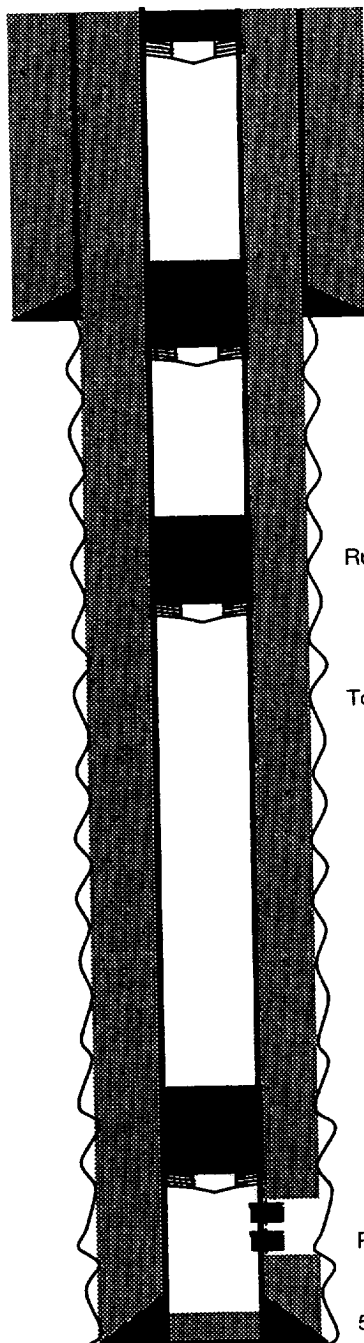
Operator: Chevron
Field: Eunice South
Date: 8/9/2001
By: DCD

RKB = 9'



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

ZONITE Plugs	
3 - 30'	To Plug
379 - 479'	Shoe /FW
1510 - 1610'	Rustler
3600 - 3700'	Perf Plug



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

Rustler = 1560'

Top of Salt = 2260'

Perfs: 3726 - 3896' overall

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

3897' TD

3900' TD