

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.

30-025-25037

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

H. T. Mattern (NCT-F)

8. Well No. 4

9. Pool name or Wildcat

Eumont; Yates-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

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 B : 660 feet from the North line and 1650 feet from the East line

Section 1

Township 22

Range 36E

NMPM

County LEA

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3496' 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.

Went in hole with 2" sinker bar and tagged @ 5181'

Perf Plug 2570' - 2675' 14 cu ft ZONITE Tagged

Rustler/Shoe Plug 1192' - 1210' 1.5 cu ft ZONITE Tagged

Cut & Pull csg @ 1192'

Rustler/Shoe Plug 1060' - 1192' 57 cu ft ZONITE Tagged

Freshwater Plug 235' - 350' 35 cu ft ZONITE Tagged

Surface Plug 3' - 33' 10 cu ft ZONITE

Marker set and location cleaned.

Plugging operations started 9/4/01 and ended 1/21/02. Wellbore diagram and daily summary attached.

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

Type or print name J.K. Ripley

DATE 2/15/02

Telephone No. (915) 687-7148

(This space for State use)

APPROVED BY [Signature] TITLE Fld Rep

DATE 4-3-02

Conditions of approval, if any:

GWW

[Handwritten initials]

WELL PLANNING SHEET
P&A

Well Name: H. T. Mattern NCT - F #4
API Number: 30-025-25037
Coordinates: 660' FNL & 1650' FEL
S - T - R: 1 - 22S - 36 E Unit B
County / State: Lea, New Mexico
Drilled: 1975

Operator: Chevron
Field: Eumont / Jalmat
Date: 2/13/02
By: CRS

RKB = N/A

Formation Tops	
Rustler	1130'
Salt	1200'
Yates	2645'
7 Rivers	2892'
Queen	3340'
Penrose	3448'

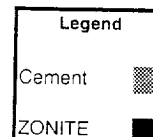
ZONITE plug 3' - 33'
Poured 10 cu ft ZONITE
Wiper Plug @ 33'

ZONITE plug 235' - 350'
Poured 35 cu ft ZONITE
Wiper Plug @ 350'

ZONITE plug 1060' - 1192'
57 cu ft ZONITE

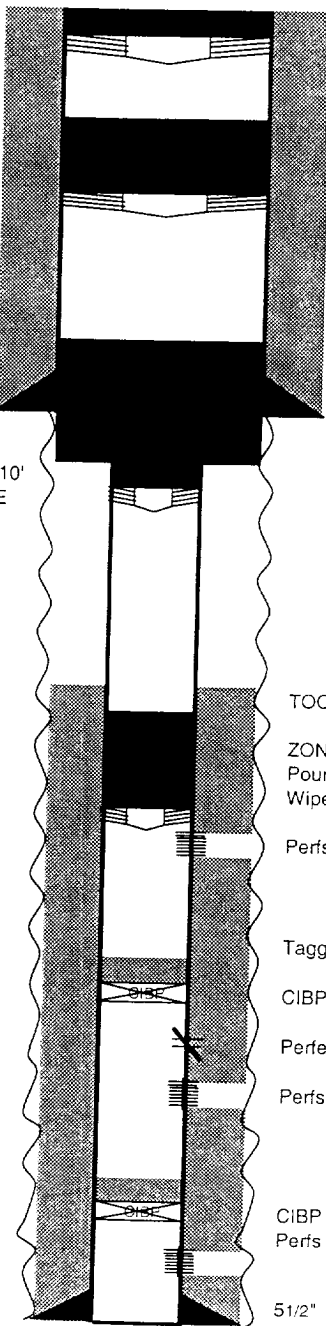
Cut & pull csg @ 1192'

ZONITE plug 1192' - 1210'
Poured 1.5 cu ft ZONITE
Wiper Plug @ 1210'



85/8" - 24# @ 1139' w/ 440 sx, circ

ZONITE Plugs	
3' - 33'	Top Plug
235' - 350'	FW
1060' - 1210'	Rustler/Shoe
2570' - 2675'	Perf Plug



TOC @ 2346'

ZONITE plug 2570' - 2675'
Poured 14 cu ft ZONITE
Wiper Plug @ 2675'

Perfs 2695'-3220'

Tagged @ 5181'

CIBP @ 5345' w/ 20' cement

Perfed & squeezed @ 5452' w/ 25 sx

Perfs 5548' - 5700'

CIBP @ 6400' w/ 20' cement
Perfs 6512' - 6684'

51/2" 15.5# @ 6800' w/ 700 sx, TOC = 2346' by TS

6800' TD

Daily Operations Summary

OPERATOR Chevron U.S.A. Production Company			DATE See Below	
LEASE & WELL NUMBER H.T. Mattern (NCT-F) #4			COUNTY & STATE Lea, New Mexico	
FIELD Eumont/Jalmart			FORMATION Yates Seven Rivers	
TD 6800'	PBD 5325'	RKB N/A	PERFS 2695' – 3220' overall	
SURFACE	INTERMEDIATE	PRODUCTION	CIBP DEPTH	
OPERATOR CHARGE CODE WBS No. UWPWBA0010ABN			BENTERRA CHARGE CODE NWNMR-00100-008	
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.				
9/4/01				
SICP = 120 psi. Blew well down in 15 minutes but still has light gas blow. MI Benterra Unit #4. Held pre-job safety meeting. Gravity 38 BW into csg, still not dead. Elected to postpone work until next morning when kill truck would be available. SDON.				
9/5/01				
Held pre-job safety mtg and RU Key pump truck. SICP = 15 psi. Pumped 20 bbls freshwater down casing and killed well. Removed WH and installed well control valve. WIH with 2" sinker bar and tagged btm at 5181'. Made trip with 3 1/2" sinker bar to 3000' prior to running wiper rubber, OK. Pushed 5 1/2" wiper rubber to 2675' = 20' above top perf. Found fluid level at 2200'. Dropped 3.5 cubic feet of ZONITE into well and tagged top at 2650'. Dropped add'l 7 cu ft of ZONITE and tagged at 2600'. Dropped 3.5 cu ft of ZONITE and tagged 2570'. Bottom plug set from 2570' – 2675'. Removed well control valve and installed WH equip. RD Benterra equip and moved to Mattern #13. FL at 2150' – 2200'.				
Operations witnessed by E.L. Gonzales of NMOCD				
9/10/01				
Static, no vac or press.				
9/11/01				
Loaded hole with 50 bbl FW, FL = +/- 2050'. MIRU Benterra #4. SIP = static. FL at surface. Tagged plug at 2573', OK. Pushed 5 1/2" wiper rubber to 1210'. Capped with ZONITE and tagged at 1192' = 18'. This plug preps wellbore for casing cut.				
10/4/01				
SIP = "Whisp" of vac.				

10/17/01

MIRU PU – Key Energy #99. Dig out wellhead. Torch-cut bolts on 8 5/8" x 5 1/2" CH. Remove WH. Weld on 5 1/2" pull nipple. RU Key WL truck. Install packoff and WIH with 4 1/2" OD jet cutter – stopped at 1127' (GL). Need to get to 1189' to set plug 50' below 8 5/8" csg shoe, wiper rubber and ZONITE cap previously set from 1192' 1210'. POH with cutter – had ZONITE on tool. Check with E.L. Gonzalez with NMOCD – wellbore must be cleaned out to allow cut at +/- 1189' to have acceptable plug below 8 5/8" shoe. RD WL. Cut off pull nipple. Re-install 8 5/8" x 5 1/2" WH and BOP. Wait on 2 3/8" workstring. WIH with 4 3/4" bit and bit sub on 2 3/8" tbg – tag at 1128' SLM. Stacked tbg wt – no movement. Pulled off btm, closed well in and SDON.

10/18/01

SIP = static. RU Key Pump truck and Vac truck. Install tbg swivel and stripper rubber. Lower bit to btm and begin washing (and intermittent rotating using tbg tongs). Circ out ZONITE from 1128' – 1200'. Circ hole clean and POH with bit, stood tbg back. RU Key WL and WIH with 4 1/2" OD jet cutter. Tag up at approx 1136' but able to work down to 1181', which is 8' shallow for 50' plug below csg shoe at 1139'. Elected to make add'l cleanout attempt. POH with cutter. WIH with 4 3/4" bit and 5 1/2" csg scraper on 2 3/8" to 1196'. POH with tools, stood tbg back. RU Key WL and WIH with 4 1/2" OD JC, cut 5 1/2" csg at 1200' – had immediate rattling of pipe in wellhead and U-tubing form backside into csg. POH with WL after being momentarily stuck (cutter and WL U-tubed up hole). RD Key WL. Remove BOP and 8 5/8" x 5 1/2" WH. Spear 5 1/2" csg – free. Remove 5 1/2" slips, stack out csg and install 8 5/8" x 5 1/2" WH and BOP. SDON.

10/19/01

SIP = static. RU 5 1/2" csg tools and prep to lay down csg. POH with 32 full jts and 2 cut pieces (1194') of 5 1/2" csg 15.5# J55 LTC csg. Csg appeared to be in good condition. WIH with 2 3/8" tbg to 1190'. RU Pool pump truck and vac truck. Circ hole with 130 bbls FW. No sigh of mud – some black water and then clean fresh water at bottoms-up. RD trucks. POH and LD 2 3/8" tbg. Remove BOP and installed WH equip, RD Key Unit #99. MIRU Benterra Unit #4. WIH with SB and tag btm at 1192' WLM. FL at 30' FS. Poured 13 cu ft ZONITE, wait and tag at 1153. FL at surface. Our 28 cu ft ZONITE, wait and tag at 1110'. Poured 16 cu ft ZONITE, wait and tag at 1-060'. T/Salt-Rustler-Shoe plug set 1060' – 1192' with 57 cu ft ZONITE as of 6:45 PM 10/19/01. Install WH, SWI and RD Benterra.

10/22/01

SIP = static, no press or vac.

11/9/01

SIP = static. Remove WH and made trip with SB, tag top of plug at 1055', OK. FL at surface. RD Benterra.

12/3/01

MIRU Benterra Unit #4. Remove WH cap. Made trip with SB and tag plug at 1056', OK. Tried to push 8 5/8" wiper rubber through tbg head, unsuccessful. Will have to remove tbg head to set wiper rubbers. SDON.

12/4/01

Remove tbg head. Push 8 5/8" wiper rubber to 350'. Poured 17 cu ft ZONITE, wait and tag at 288'. Poured 16 cu ft ZONITE, wait and tag at 235'. FW plug set from 235' – 350' with 33 cu ft ZONITE as of 9:50 AM 12/4/01. Push 8 5/8" rubber to 33'. Poured 10 cu ft ZONITE and filled csg 3' – 33'. Install tbg hd and left open to atmosphere. Top plug in place as of 10:15 on 12/4/01.

12/10/01

Wellbore open to atmosphere. Add 5 gal water to fill 8 5/8" csg above ZONITE plug, no bubbling. Install WH so check for pressure buildup can be made.

12/19/01

SIP = static

H. T. Mattern #4	Page 3
1/9/02	
SIP = static.	
1/16/02	
SIP = static. Remove wellhead. Fluid at surface with no bubbling	
1/21/02	
Obtained Hot Work Permit for Chevron. Dug out cellar and cut off wellheads at 4' below GL. Welded on cap and installed dry hole marker with well identification. Well P&A 1/21/02. Chevron will prep location for NMOCD inspection. Final Report.	