

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. 30-025-29943 |
| 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. |

| | | |
|--|---|---|
| <p align="center">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.)</p> <p>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p> | | 7. Lease Name or Unit Agreement Name: EUNICE MONUMENT SOUTH UNIT |
| 2. Name of Operator CHEVRON U.S.A., INC. | 8. Well No. 100 | |
| 3. Address of Operator P.O. BOX 1150, MIDLAND, TX 79702 | 9. Pool name or Wildcat Eunice Monument/ Grayburg/San Andres | |
| 4. Well Location Unit Letter <u>B</u> : <u>660'</u> feet from the <u>North</u> line and <u>2170</u> feet from the <u>East</u> line Section <u>30</u> Township <u>20S</u> Range <u>37E</u> NMPM County <u>LEA</u> Elevation (Show whether DR, FKB, RT, GR, etc.)- <u>3524.8 GL</u> | | |

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.

Tag btm @ 3618'

| | |
|---|-----------------|
| Bottom Plug @ 3514' - 3618' | 14 cu ft Zonite |
| B/Salt Plug @ 2380' - 2505' | 17 cu ft Zonite |
| T/Salt-Rustler-Shoe Plug @ 968' - 1130' | 22 cu ft Zonite |
| Surface Plug @ 3' - 33' | 5 cu ft Zonite |

Tagged Approved as no plugging of the Well Bore.
Tagged Liability
Tagged surface restoration is completed.

Marker set. Chevron to clean location.

Plugging operations began 10/30/01 and ended 4/2/02. 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 Case Shoaff TITLE Regulatory OA DATE 4/30/02
Type or print name J.K. Ripley Telephone No. (915) 687-7148
(This space for State use)

APPROVED BY [Signature] TITLE _____ DATE FEB 05 2003

Conditions of approval, if any:

GWW [Signature] 3 6 03

**Final P&A
Schematic**

WELL NAME: EMSU #100
 API NUMBER: 30-025-29943
 COORDINATES: 660' FNL & 2170' FEL
 SEC/TWN/RNG: S30-T20S-R37E
 DRILLED: 1987

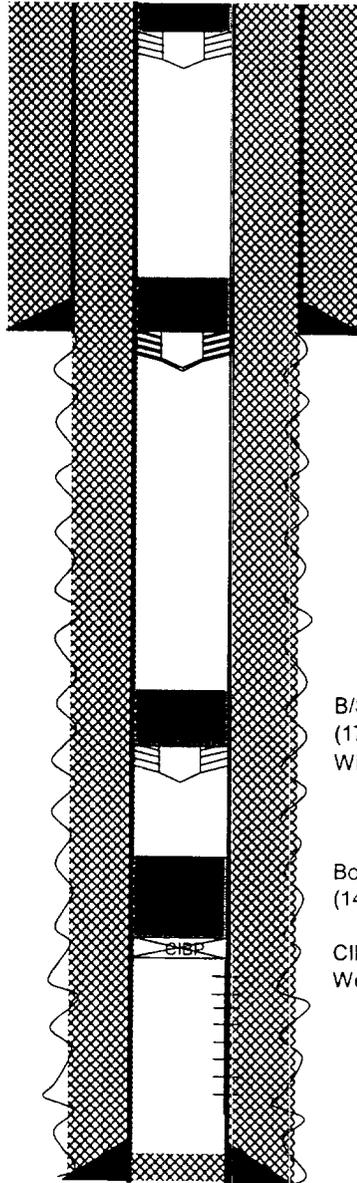
OPERATOR: Chevron
 COUNTY/STATE: Lea, NM
 DATE: 4/25/02
 BY: CRS
 ELEVATION: 3524.8' GL

KB 18.4'

| Formation Tops: | |
|-----------------|---------------|
| Fresh Water | 50' - 150' |
| Rustler | 1055' |
| T/Salt | 1150' |
| B/Salt | 2455' |
| Grayburg | 3636' - 3856' |

Casing Size 8 5/8" Wt. 24#
 Set @ 1081' w/ 700 sx cmt
 Cemented to Circ to surface

| ZONITE PLUGS | |
|---------------------|---------------|
| Surface Plug | 3' - 33' |
| T/Salt-Rustler-Shoe | 968' - 1130' |
| B/Salt Plug | 2380' - 2505' |
| Bottom Plug | 3514' - 3618' |



Surface Plug 3' - 33' (5 cu ft Zonite)
 Wiper Plug @ 33'

T/Salt-Rustler-Shoe Plug @ 968' - 1130'
 (22 cu ft Zonite)
 Wiper Plug @ 1130'

B/Salt Plug @ 2380' - 2505'
 (17 cu ft Zonite)
 Wiper Plug @ 2505'

Bottom Plug @ 3514' - 3618'
 (14 cu ft Zonite)

CIBP @ 3620', not capped with cmt.
 Well failed MIT.

Perfs 3666' - 3884'

Casing Size 5 1/2" Wt 15.5#
 Set @ 4000' w/ 750 sx cmt
Circ to surface

PBTD @ 3938'
 TD @ 4000'



Daily Operations Summary

| | | | | | |
|---|---------------------|----------------------------------|--|--|--|
| OPERATOR Chevron U.S.A. Production Company | | | DATE See Below | | |
| LEASE & WELL NUMBER Eunice Monument South Unit #100 | | | COUNTY & STATE Lea, New Mexico | | |
| FIELD Eunice – Monument | | | FORMATION Grayburg | | |
| TD 4000' | PBD 3938' | RKB 18.4' | PERF 3666 – 3884' | | |
| SURFACE 85/8" @ 1081' | INTERMEDIATE | PRODUCTION 5½" @ 4000' | CIBP DEPTH 3620' | | |
| OPERATOR CHARGE CODE | | | BENTERRA CHARGE CODE NWNMR-00101-025 | | |
| 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. | | | | | |
| 10/30/01 | | | | | |
| MIRU Benterra Unit #4. SIP = static. WIH w/ 3½" FLT to get water sample. Tag fluid @ 290' & cont'd to 400'. POH – sample was all oil. Re-ran tool to 500', recovered water sample. Install WH & RD Benterra. Baker Petrolite lab in Midland tested sample, chlorides = 450 FPM. Water suitable for ZONITE hydration. | | | | | |
| 11/2/01 | | | | | |
| MIRU Benterra Unit #4. SIP = static. Remove WH & tag bottom @ 3618', OK. Poured 14 cu ft ZONITE , wait & tag @ 3514'. Bottom plug set 3514 – 3618' (104') w/ 14 cu ft ZONITE as of 11:45 AM 11/2/01. Pushed 5½" wiper rubber to 2505'. Poured 17 cu ft ZONITE, wait & tag @ 2380'. B/Salt plug set from 2380' – 2505' (125') with 17 cu ft ZONITE as of 2:25 PM 11/2/01. Pushed 5½" wiper rubber to 1130'. Poured 14 cu ft ZONITE, wait & tag @ 1028'. Install WH & SD for weekend. | | | | | |
| 11/5/01 | | | | | |
| Resume operations. Poured 8 cu ft ZONITE , wait and tag @ 968'. T/Salt – Rustler - 85/8" shoe plug set 968' – 1130' (162') with 22 cu ft ZONITE as of 8:25 AM 11/5/01. Pushed 5½" wiper rubber to 33'. Poured 5 cu ft ZONITE & filled 5½" csg to surface. Top plug in place as of 9:05 AM 11/5/01. Left wellbore open to atmosphere. RD Benterra. | | | | | |
| 11/21/01 | | | | | |
| Wellbore open to atmosphere. No free water but top of plug still hydrated. Added 1 gal water, level now even w/ side outlets. No bubbling. | | | | | |
| 12/10/01 | | | | | |
| Water visible on top plug, no bubbling. | | | | | |

12/19/01

Water visible on top plug, no bubbling.

1/16/02

Check location – filled with ½ gal water, no bubbling.

1/17/02

Check location – no bubbling.

2/20/02

Check location - no problems.

3/14/02

Check location - no problems.

3/18/02

Check location - top of plug dehydrated, add 1 qt of water – no bubbling.

4/2/02

Key Energy Services dug out cellar and cut off casings and WH to 4' below GL. Placed 10 gals ZONITE into 85/8" x 5½" annulus and welded on cap with ½" brass valve. Installed dry hole marker with well identification, dug out guywire anchors and cut off at 4' below GL. Back filled all excavations. Turned over to ChevronTexaco for location clean up and NMOCD inspection. Final report.