

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
1006 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.
30-025-29620
5. Indicate Type of Lease
STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

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 WSW

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 C 1220 feet from the NORTH line and 1520 feet from the WEST line

Section 8 Township 21S Range 36E NMPM County LEA

Elevation (Show whether DR, RKB, RT, GR, etc.)-

7. Lease Name or Unit Agreement Name:

EUNICE MONUMENT SOUTH UNIT

8. Well No. 460

9. Pool name or Wildcat EUNICE
MONUMENT, GRAYBURG, SAN ANDRES

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 ☐

REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ☒

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

CASING TEST AND CEMENT JOB ☐ ABANDONMENT

OTHER: ☐

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 recompletion.

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.

Tagged bottom @ 4305'

Bottom Plug @ 4200' - 4305'	36 cu ft ZONITE	Tagged
B/Salt 11 1/4" Shoe Plug @ 2581' - 2750'	58 cu ft ZONITE	Tagged
T/Salt-Rustler Plug @ 1110' - 1242'	45 cu ft ZONITE	Tagged

FW/Shoe Plug @ 458' - 246' 150 sx Class C cmt 11 1/4" x 8 5/8" annulus circ to surface

Top Plug @ 33' - Surface 11 cu ft ZONITE
Cut 11 1/4" x 16" csg @ 6' below GL. Poured 20 gals ZONITE inside 16' x 11 1/4" annulus.

Set Marker Chevron to clean location.

Plugging operations began 11/6/01 and were completed on 5/1/02. Wellbore diagram attached.

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

SIGNATURE Garland Bledsoe TITLE HES Specialist DATE 5/30/2002

Type or print name Garland Bledsoe Telephone No. (915) 687-7153

(This space for State use)

APPROVED BY [Signature] TITLE Field Rep DATE 8-8-02

Conditions of approval, if any

GWV

OPERATOR Chevron U S A. Production Company			DATE See Below		
LEASE & WELL NUMBER Eunice Monument South Unit #460			COUNTY & STATE Lea, New Mexico		
FIELD Eunice Monument South			FORMATION Grayburg		
TD 5000'	PBD 4310'	RKB 17.6'	PERFS OH 4350 - 5000'		
SURFACE 16" @ 415'	INTERMEDIATE 11 1/4" @ 2700'	PRODUCTION 85/8" @ 4350'	CIBP DEPTH 4310'		
OPERATOR CHARGE CODE			BENTERRA CHARGE CODE NWNMR-00102-023		
<p>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.</p>					
<p>11/8/01</p>					
<p>MIRU Key Unit #99, removed WH & LD 1 jt of 4 1/2" tbg. MIRU Benterra Unit #4. WIH w/ 3 1/2" FLT to 300' and retrieved sample of wellbore fluid. Cap well and RD Benterra. Took sample to Baker Petrolite lab. chlorides = 890 PPM, acceptable for ZONITE hydration.</p>					
<p>11/8/01</p>					
<p>MIRU Benterra. SIP = static. Made trip w/ 3 1/2" SB & tag btm at 4305'. OK. Poured 36 cu ft ZONITE, wait and tag at 4200'. Bottom plug set 4200' - 4305' (105') with 36 cu ft ZONITE as of 11:45 AM 11/8/01. Pushed 85/8" rubber to 350' in 2 hours 45 minutes, progress too slow. RD Benterra. Will build heavier weight bar for large plugs.</p>					
<p>11/19/01</p>					
<p>MIRU Benterra. SIP = static. Cut wireline and re-head. WIH with new 6" OD sinker bar and pushed 85/8" wiper rubber from 350' - 2750' in 45 minutes. Poured 32 cu ft ZONITE, wait and tag at 2656'. FL @ surface. Poured 26 cu ft ZONITE, wait and tag at 2581'. B/Salt - 11 1/4" shoe plug set 2581' - 2750' (169') with 58 cu ft ZONITE as of 11:30 AM 11/19/01. Pushed 85/8" wiper rubber to 1242' (40 min). Poured 45 cu ft ZONITE, wait & tag at 1110'. T/Salt - Rustler plug set 1110' - 1242' (132') with 45 cu ft ZONITE as of 1:30 PM 11/19/01. Pushed 85/8" wiper rubber to 450'. Poured 8 cu ft ZONITE, wait and tag at 340', too high for cavity shot at 16" csg shoe at 415'. Either ZONITE bridged or wiper rubber was set too high. Install WH & SWI. RD Benterra.</p>					
<p>11/21/01</p>					
<p>MIRU Key Energy Unit #99. Removed WH, install Chevron's special flange for this WSW & pick up 77/8" bit. Install stripper rubber and finished in hole w/ bit on 23/8" tbg to tag @ 350'. RU Key pump & vac trucks. Washed out ZONITE to 400' and tagged 85/8" wiper rubber (was set too high, should have been @ 450'). Continued in hole and pushed wiper rubber to 442', circulated hole clean & POH - LD tbg & bit. Install WH equip and SWI. RD&RPU.</p>					

11/28/01

RU Benterra Unit #4 Made trip w/ 3½" SB & tag @ 378', made trip w/ 2" SB & tag @ 378'. Suspect ZONITE bridge. RD Benterra. MIRU Key Energy Unit #142. WIH w/ 77/8" MT bit on 23/8" tbg to 310'. SDON.

11/27/01

Cont'd in hole w/ bit to tag @ 398' (RKB). RU Key pump & vac trucks. Washed down to 464'. Pump 40 bbls fresh water down tbg and then reverse circulated w/ 40 bbls fresh water. RD trucks. POH w/ bit, LD tbg. RD&RPU. MIRU Benterra #4. Made trip w/ SB and tag @ 430', depth is adequate for cavity shot. RD Benterra.

12/10/01

Check location - SIP = static, FL @ 10' from surface.

12/19/01

Check location - SIP = static, FL remains @ 10' from surface.

1/4/02

MIRU Benterra #4. Made trip w/ SB and tag plug @ 436', OK. FL visible, loaded to surface.

1/14/02

Fluid at surface, no bubbling.

1/21/02

Chevron determined that it does not want to perform cavity shot as this wellbore may have future utility in the waterflood. RU Key pump truck to pressure test casing prior to shooting holes to circulate cement into 11¼" x 85/8" annulus. Press 85/8" csg from surface to 436' (cavity shot plug) w/ 200 psi, held OK. RD Key. Checked annuli risers, one was static and the other had a pressure that was too low to be recordable on a gauge but provided a strong blow that died in approximately 15 seconds. Assume this blow is coming from the 11¼" x 85/8" annulus (risers not marked).

1/23/02

Met with Gary Wink with the NMOCD to discuss procedural revisions (cementing 11¼" x 85/8" annulus from below surface casing shoe and setting top plug w/ bentonite) and he approved changes.

1/24/02

SIP: 85/8" csg = static; 11¼" x 85/8" annulus blew down in 15 seconds. MIRU Key WL truck & mast. RU Key pump & vac trucks. RU WL BOP. WIH w/ 4" OD gun to bottom @ 458' (17.5' RKB correction). Position gun & perf 85/8" csg @ 452' w/ 4 - 42" JS @ 120° phasing. Well was stable after shooting. RD Key WL & mast. Key circulated via 85/8" and out 11¼" x 85/8" annulus with total of 50 bbls fresh water, no gas while circulating. RD Key trucks. SWI.

1/29/02

MIRU Schlumberger Services and Key water truck. Pump 10 bbls fresh water down 85/8" and had good returns out 11¼" x 85/8" annulus through perfs @ 452'. Mix & pump 150 sx Class C neat cement and had good cement returns to surface. Stop mixing and pumped 15 bbls fresh water displacement, TOC inside 85/8" estimated to be at 246'. SWI and WOC. Fresh water - 11¼" shoe plug in place as of 3:15 PM 1/29/02. RD Schlumberger & Key.

1/31/02

MIRU Benterra Unit #4. 85/8" csg and 11 1/4" x 85/8" annulus were both static. Made trip w/ 3 1/2" SB & tag top of cement @ 220'. Pushed 85/8" wiper rubber to 33', poured 11 cu ft ZONITE and filled casing to surface. Top plug in place as of 3:30 PM 1/31/02. Left wellbore open to atmosphere. RD Benterra.

2/4/02

Check location – no problems.

2/5/02

Check location – no problems.

2/20/02

Check location – no problems.

3/14/02

Check location – no problems.

3/18/02

Check location – water on top of plug, no bubbling. Surface & intermediate casing risers open and static.

4/24/02

Key Energy Services dug out cellar to 7' below GL. Obtained confined entry permit from ChevronTexaco and check 16" x 11 1/4" annulus, LEL was over 10% and could not cut casings. RD KEY backhoe. RU Key pump truck and loaded this annulus with 8 bbls fresh water. RD pump truck. ChevronTexaco checked LEL of this annulus on 4/25/02 and found it to be 0% LEL. Now OK to cut.

4/25/02

ChevronTexaco checked LEL, O. OK.

5/1/02

Obtained confined entry permit from ChevronTexaco. Check LEL of 16" x 11 1/4" annulus, LEL = 0. RU Key winch truck and tied onto wellhead to support during cutting operations. Cut windows in 16" and 11 1/4" casing and then severed 85/8" casing. Finished cutting 11 1/4" and 16" casings at approximately 6' below GL and removed entire wellhead assembly. RD Key winch truck. The 11 1/4" x 85/8" annulus had a good cement sheath around the entire circumference and the ZONITE™ plug inside the 85/8" casing was well hydrated and homogenous. Poured 20 gals ZONITE™ into 16" x 11 1/4" annulus, weld on cap and installed dry hole marker with well identification. Dug out and cut off guywire anchors to 3' below GL. Back filled all excavations. Turned over to ChevronTexaco for location cleanup and NMOCD inspection. Final Report.

WELL NAME Eunice Monument South Unit #460 WSW
 API NUMBER 30-025-29620
 COORDINATES 1220' FNL and 1520' FWL
 SEC/TWN/RNG Sec 8 - T21S - R36E
 DRILLED 1987

OPERATOR Chevron
 COUNTY/STATE Lea, New Mexico
 DATE 5/29/02
 BY CRS/DCD
 ELEVATION 3586.7 GE

KB 17.6 GL

