

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  
En ; 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.  
30-025-04439

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

State G

8. Well No. 1

9. Pool name or Wildcat  
Eunice Monument; Grayburg-San Andres

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 U : 660 feet from the South line and 660 feet from the West line

Section 2

Township 21S

Range 36E

NMPM

County LEA

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3552' 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.**

Bottom Plug @ 3587' -- 3715'	18 cu ft ZONITE	Tagged
B/Salt Plug @ 2455' - 2570'	15 cu ft ZONITE	Tagged
T/Salt-Rustler Plug @ 1204' - 1359'	26 cu ft ZONITE	Tagged

Perf & Squeezed @ 325'	83 sx Class C cmt	Circ 7 5/8" x 5 1/2" to surface
FW-10 3/4" Shoe-Top Plug @ 7' - 325'		5 1/2" filled w/cmt 7' - 325'

Capped 5 1/2" with ZONITE @ surface - 7'

Marker set. Chevron to clean location.

Plugging operations began 10/16/02 and were completed 4/4/02.

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

SIGNATURE JK Ripley by Kara 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 fld Rep

DATE 10-9-02

Conditions of approval, if any:

GWV

## Final P&A

Well Name: State "G" #1  
 API Number: 30-025-04439  
 Coordinates: 660 FSL & 660' FEL  
 S - T - R: 2 - 21S - 36E Unit U  
 County / State: Lea, NM  
 Drilled: 1937

Operator: Chevron  
 Field: Grbg/SA  
 Date: 4/30/02  
 By: DCD/CRS

RKB = 6.5'

Formation Tops	
Rustler	1270'
Salt	1500'
B / Salt	2520'
Yates	2730'

103/4" - 32.75# @ 203' w/ 150 sx, circ

Rustler = 1270'

75/8" 26.4# @ 130' w/ 300 sx, circ

ZONITE/Cement Plugs	
Zonite cap	Surface - 7'
Shoe/FW/Top (Cement)	7' - 325'
Rustler (ZONITE)	1204' - 1359'
B / Salt (ZONITE)	2455' - 2570'
Bottom Plug (ZONITE)	3587' - 3715'

B / Salt = 2520'

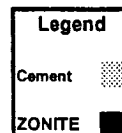
51/2" - 17# 10rd @ 3700' w/ 150 sx

Fill @ 3715'

61/4" OH

3852' TD

Capped 51/2" csg w/ ZONITE



FW - 103/4" Shoe - Top Plug @ 7' - 325'  
 Perfed @ 325' & cm'd 75/8" x 51/2" annulus w/ 83 sx Class C.  
 Left 51/2" casing filled w/ cement.

T/Salt-Rustler Plug @ 1204' - 1359'  
 26 cu ft ZONITE  
 Wiper Plug @ 1370'

T/salt = 1500'

TOC @ 1803' by calc

B/Salt plug @ 2455' - 2570'  
 15 cu ft ZONITE  
 Wiper Plug @ 2570'

Bottom Plug @ 3587' - 3715'  
 18 cu ft ZONITE



## Daily Operations Summary

<b>OPERATOR</b> Chevron U.S.A. Production Company			<b>DATE</b> See Below	
<b>LEASE &amp; WELL NUMBER</b> State G #1			<b>COUNTY &amp; STATE</b> Lea, New Mexico	
<b>FIELD</b> Eunice Monument			<b>FORMATION</b> Grayburg	
<b>TD</b> 3852'	<b>PBD</b> 3852'	<b>RKB</b> N/A	<b>PERF</b> OH 3700' – 3852'	
<b>SURFACE</b> 103/4" @ 203'	<b>INTERMEDIATE</b> 75/8" @ 1301'	<b>PRODUCTION</b> 5½" @ 3700'	<b>CIBP DEPTH</b> None	
<b>OPERATOR CHARGE CODE</b> UWPWBA1007ABN			<b>BENTERRA CHARGE CODE</b> NWNMR-00101-014	
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.				
10/16/01				
MIRU Benterra #4. SDON.				
10/17/01				
WIH with SB and tag btm at 3817'. FL at 2040'. RU Key Hot Oil Unit and pumped 75 bbl FW, strong vac. Poured approx 12 cu ft ZONITE, wait and tag at 2768' – bridged. Dumped 50 bbl FW – no plug movement. Close well in and RD Benterra until pump truck available. (Check FL at Evans St #3 and T. Anderson #13) MIRU Benterra. RU Pool pump truck. Pumped 55 bbls FW and hole loaded. Pumped add'l 40 BFW at 1½ – 2 BPM and 300 psi. Vac when pumping ceased. WIH with 3½" SB and tag at 2768', no plug movement. Ending FL at 400' and falling. Close well in and SDON.				
10/18/01				
SIP = static. WIH with sinker bar and tag plug at 2768', no movement of bridge. POH. FL at 1750'. RD Benterra.				
10/19/01				
MIRU Key Energy Unit #99. SD for weekend.				
10/22/01				
Resumed operations. RU Key reverse unit. While waiting on BOP, made trip with 2 tbg jts on sandline and tagged at 2784'. Install BOP. WIH with 4¾" bit and 5½" csg scraper on 23/8" tbg and tag at 2784'. RU power swivel. Wash/rotate 15' and make connection. Circ out ZONITE. Wash/rotate to 2866', no ZONITE in returns. WIH tbg without washing or rotating tagged up at 2920'. Wash/rotate to approximately 3070'. Began running 3 jts and then circulating - recovered "blob" of ZONITE at each circulation. For last 8 jts ran in hole, circ at 4 jt stages and recovered ZONITE. It seemed that after the initial tag and the first 15', that we were pushing something ahead of bit although it seldom required any weight to make hole. Circulated hole clean at 3683' = 17' above csg shoe. RD power swivel and reverse unit. POH and LD 10 jts tbg. SDON.				

10/23/01

Resume operations. SIP = static. Finish POH & LD 23/8" work string, csg scraper and bit. Removed BOP and installed WH. SWI. RD & RPU.

10/24/01

MIRU Benterra Unit #4. SIP = static. Remove WH and install WCV. Made trip with 3½" FLT, tag bottom at 3715' (32' below cleanout depth). Poured 9 cu ft ZONITE, wait and tag at 3650'. Poured 9 cu ft ZONITE, wait and tag at 3587'. Bottom plug set 3587' – 3715' (128') with 18 cu ft ZONITE as of 1:00 PM 10/24/01. Remove WCV and install WH equipment. RD Benterra.

10/26/01

Static, no press or vac.

10/29/01

MIRU Benterra Unit #4. SIP = static. Remove WH. WIH with 3½" FLT. Tagged top of plug at 3587', OK. FL at 1900' Pushed 5½" wiper rubber to 2570'. Poured 15 cu ft ZONITE, wait and tag at 2455'. B/Salt plug set 2455' – 2570' (115') with 15 cu ft ZONITE as of 10:40 AM 10/29/01. Pushed 5½" wiper rubber to 1370' and capped with 2 cu ft ZONITE, tag at 1365'. "Cut plug" now in place. RD Benterra.

11/12/01

Dug out csg heads to approximately 6' below ground level. Found clamped WH assembly – 75/8" x 5½" casinghead w/ turnbuckles and 5½" full-opening gate valve on production casing.

11/13/01

Resumed operations. Sloped edge of excavation and moved dirt away from edge. Chevron rep OK'd. Inspected clamped wellhead. Pull to 90M# with no movement of 5½" csg. Re-inspect WH. Clamp is tied to WH below with 2 turnbuckles. Remove bolts from clamp and disengage from 5½" csg. Pull on csg to 90M#, still no movement. Pulling csg would require additional excavation and it is unknown how much deeper to the next wellhead. Elected to cease csg pulling operations and prep for cementing rather than ZONITE plug at T/Salt - Rustler. Discussed with Gary Wink with NMOCD and he approved cementing operations. Discussed fresh water depth with Paul Kautz with NMOCD. He advised that 5½" csg would need to be perforated at 325' if we did not circ cmt to surface in the 75/8" x 5½" annulus when cementing T/Salt - Rustler plug. RU Key WL. WIH with csg gun and shot 4 holes from 1351' – 1352' RKB. Had immediate blow of water at surface (tbg head adapter flange and lubricator leaking). Check press – too slight to register on gauge. Bled off water to cellar. RD Key WL and remove WH. Installed adapter flange directly to 5½" csg and installed BOP. RU Pool pump and vac trucks. Press 5½" csg to 500# - unable to pump into perfs at 1351' and had only slight bleed-off. Release and repress several times with same results. RU to riser and attempt to pump into 75/8" x 5½" annulus. Press to 300 psi and held. RD Pool trucks. SDON. Discussed with Gary Wink with NMOCD. He said there was no need to try to breakdown perfs with higher press and approved setting plug inside plug. He also approved using ZONITE for this T/Salt - Rustler plug with the condition that the top of the plug be tagged.

11/14/01

Check SIP = 0 psig. Slight overflow of water when valve opened. Remove BOP. RD & RPU. Moved Key Unit #99 to Evans State #3. RU Benterra Unit #4. Made trip with SB and tag at 1359'. RU Enviro-tank, FL at 10' FS. Poured 24 cu ft ZONITE, wait and tag at 1178'. T/Salt - Rustler plug set 1178' – 1359' (181') with 24 cu ft ZONITE as of 1:30 PM 11/14/01. RD Benterra.

State G #1	Page 3
12/10/01	
SIP = vac. Did not tag fluid.	
12/19/01	
SIP = static.	
1/4/02	
MIRU Benterra #4. SIP = static. Remove valve, made trip with SB & tag plug @ 1204' = 26' below previous tag. FL @ surface. While top of plug is deeper than when set, plug still meets procedure filed with NMOCD which required the plug to be set from 1220' – 1351'. RD Benterra.	
1/9/02	
MIRU Benterra #4. SIP = static. Removed WH. FL @ surface. Made trip with SB and tag at 1203'. Install WH and RD.	
1/14/02	
Met with Gary Wink with NMOCD. He had previously approved change in procedures to not pull pipe (see report of 11/13/01) and today he approved perfig and cementing at 325' for freshwater and 10¾" shoe plug.	
1/21/02	
RU Key pump truck, 5½" csg loaded immediately, press 5½" from surface to top of plug at 1203' with 200 psi, held OK. RD Key.	
1/23/02	
SIP: 5½" = static. 75/8" x 5½" open – no blow. MIRU Key WL and mast and Key pump and vac trucks. Install WL BOP. WIH with 4" OD gun to 325', did not attempt to tag bottom. Perfed 5½" csg at 325' (6.5' RKB correction) with 4 - .42" JS at 120° phasing. Well was stable after shooting. RD WL installed swage and valve onto 5½" csg. Pump down 5½" csg and circ out 75/8" x 5½" annulus with 20 bbl freshwater. SI 5½" csg, left annulus open. RD Key trucks.	
1/29/02	
SIP: 5½" = static. RU Schlumberger and Key water truck. Pumped 10 bbls FW down 5½" csg and out 75/8" x 5½" annulus through perfs at 325'. Mixed and pumped +/- 83 sx Class C neat cmt and had good cmt returns to pit. SWI. Fresh water – 10¾" shoe – top plugs in place as of 4:45 PM 1/29/02. RD Schlumberger.	
1/31/02	
MIRU Benterra #4. SIP: 5½" static, 75/8" x 5½" annulus has firm blow but immediately blows down. Tag TOC with SB at 7' below GL. Filled 5½" csg with ZONITE to surface. Will monitor annulus. RD Benterra.	
2/4/02	
75/8" x 5½" annulus = 15 psi, immediate bleed off. No bubbles on ZONITE cap inside 5½" casing.	

2/11/02

Closed annulus valve for 10 minutes - had blow. Left valve open.

2/13/02

Met Buddy Hill with NMOCD on location. 75/8" x 5 1/2" annulus open to atmosphere. Closed in, wait 10' and have "poof". Buddy will discuss with Chris Williams, Director – District 1 of NMOCD.

2/14/02

Spoke with Buddy Hill with NMOCD. Chris Williams suggested 30-day shut-in period to assess magnitude of press source.

2/20/02

5 1/2" = static. Surface csg = 50 psi, left SI.

3/14/02

5 1/2" = static. Surface csg = 40 psi, left SI.

3/18/02

5 1/2" = static. Surface csg = 25 psi, left SI. Add water to top of ZONITE cap, no bubbling.

3/20/02

Check location - water was present on ZONITE cap inside 5 1/2", no bubbling. Surface csg = 20 psi. Opened with immediate blow down – no detectable flow. Connect tubing to needle valve and insert into water, bubbling every 5-10 sec but erratic flow pattern - sometimes had long interval between bubbles. Discussed annular press with Chris Williams and Gary Wink with NMOCD. Chris approved proceeding with WH cut-off and final abandonment – did not consider minor annular press to be a problem if LEL taken before cut-off does not indicate presence of explosive atmosphere.

4/4/02

Key Energy Services dug out cellar and cut 5 1/2" csg off at 4' below GL (Note: no gas or LEL detected prior to performing cut). Welded on plate with 1/2" brass valve and installed dry hole marker with well identification. Dug out and cut off guywire anchors to 4' below GL. Back filled all excavations, including workover pit. Turned over to ChevronTexaco for location cleanup and NMOCD inspection. Final Report.