

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

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM

87505

WELL API NO.

30-025-04439

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil &amp; 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.

Chevron proposes to P&amp;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 SCREENTHE COMMISSION MUST BE NOTIFIED 24  
HOURS PRIOR TO THE BEGINNING OF  
PLUGGING OPERATIONS FOR THE C-103

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

SIGNATURE J.K. Ripley TITLE Regulatory OADATE 8/8/01Type or print name J.K. RipleyTelephone No. (915)687-7148

(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of approval, if any:

## P&A PROCEDURE

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: 8/2/01  
By: DCD

<b>Provide 24 hr Notification to NMOCD of Pending Operations</b>
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1. MI Benterra equip. Hold pre-job safety mtg and spot equipment. Check 51/2" csg and all casing annuli for pressure.
2. ND WH equip and install well control equip.
3. Check btm w/ SL. Record FL. Displace wellbore fluids w/ freshwater.
4. Surface pour 43 cu ft of ZONITE to set 202' btm plug from approx 3650 - 3852'. Set plug in stages, check w/ SL to assure bridges are not occurring and required 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 NU WH to secure well.
5. Move off location and wait minimum of 48 hours for plug to hydrate. Assure that an adequate fluid level is maintained to hydrate plug.
6. MI Benterra equip. Hold pre-job safety mtg and spot equipment. Check 51/2" csg and all casing annuli for press. Check top of plug w/ SL and record FL.
7. Push cored 51/2" wiper plug to 2570' w/ slickline.
8. Surface pour 14 cu ft of ZONITE to set 100' plug from 2470 - 2570', across base of salt. Set plug in stages, using precautions as in Step 4. Add water if necessary to assure hydration of plug.
9. Insert 51/2" wiper plug (cored to allow fluid bypass) into csg, push to 1370' w/ slickline and cap w/ 10' of ZONITE (1 - 2 cu ft) to prep for casing cut. Fill casing w/ freshwater.
10. MI PU and ancillary equipment for cutting/pulling 51/2" csg. Hold safety pre-job safety meeting. Check casings for pressure, RU PU and equipment.
11. Cut csg @ 1351' = 50' below 75/8" shoe, pull and LD 51/2" csg. RD & RPU and ancillary equip.
12. MI Benterra equip, hold pre-job safety mtg & install well control equip. Check btm w/ SL & record FL.
13. Pour estimated 59 cu ft ZONITE to set plug that extends from 50' below 75/8" shoe to 50' above Rustler = 1220 - 1351'. Vol based on 8" OH. Set plug in stages, using precautions as in Step 4.

## State "G" #3

### P&A Procedure

Page 2

14. Push cored 75/8" wiper plug to 253' w/ SL. Pour 27 cu ft ZONITE to set 100' plug from 153 - 253', across 103/4" csg shoe @ 203'. Add water as needed to hydrate plug.
15. Push cored 75/8" wiper plug to 30'. Fill casing w/ Zonite from 3 - 30' ( 7 cu ft). Add water if needed to hydrate plug.
16. Secure wellbore and RD equip.
17. Allow 48 hours for ZONITE to hydrate, remove WH, cut off casings 3' below GL and cap wellbore.
18. Install dry hole marker stamped w/ required well identification, 4" OD x 4' above GL.
19. Remove all equip and cut deadmen below GL.
20. Turn over to Chevron for any surface remediation work.

**Estimated ZONITE Requirements:**      **153-165 ft<sup>3</sup>**

**CURRENT WELL DATA SHEET**

LEASE: State "G" WELL: 1  
LOC: 660' F S L & 660 F W L SEC: 2  
TOWNSHIP: 21S CNTY: Lea  
RANGE: 36E UNIT: U ST: N.M.

FORM: Grayburg / San Andres DATE: 3/16/2001  
GL: 3552' STATUS: SI Producer  
KB: \_\_\_\_\_ API NO: 30-025-04439  
DF: \_\_\_\_\_ CHEVNO: FA5582

Date Completed: 5/27/1937  
Initial Production: F/ 360 BOPD  
Initial Formation: Grayburg  
FROM: 3700' to 3852'

**Completion Data**

Acdz w/ 5000 gals.

**Subsequent Workover or Reconditioning:**

1-28-55 Frac OH w/ 10,000 gal oil & 10,000# sand.  
4/77 Acidized.  
8/78 Temporarily Abandoned.

Original - Cities Services, in 1969 Rasmussen took over operations.

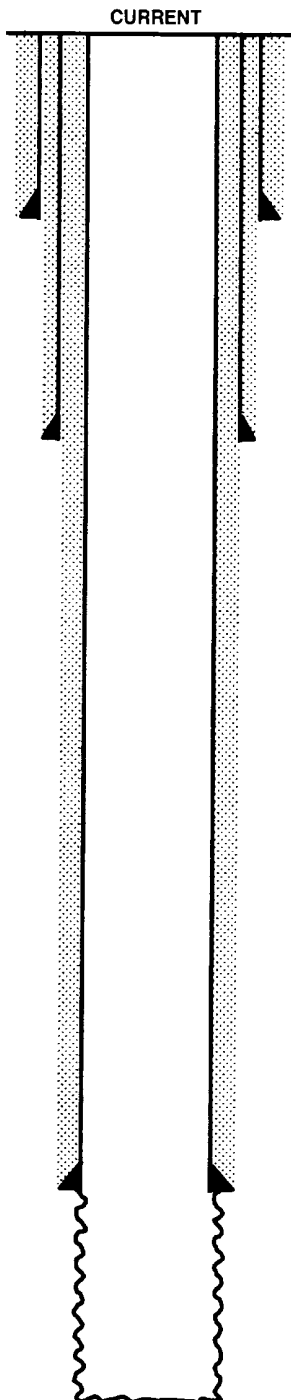
**Additional Data:**

Rustler Zone @ 1270'  
Base of Salt @ 2520'  
Yates Zone @ 2730'

10-3/4" OD  
32.75# CSG  
Set @ 203' W/ 15C SX  
Cmt circ.? Yes  
TOC @ surf. by calc.  
(12-1/4" hole)

7-5/8" OD  
26.6# CSG 10rd  
Set @ 1301' W/ 500 SX  
Cmt circ.? No  
TOC @ -148 by calc.  
(8-3/4" hole)

5-1/2" OD  
17# CSG 10rd  
Set @ 3700' W/ 150 SX  
Cmt circ.? No  
TOC @ 1803' by calc.  
(6-1/4" hole)



FILE: State-G-1WB.XLS

PBD: \_\_\_\_\_  
TD: 3852'

# WELL PLANNING SHEET

## Proposed P&A

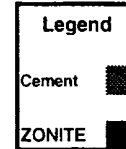
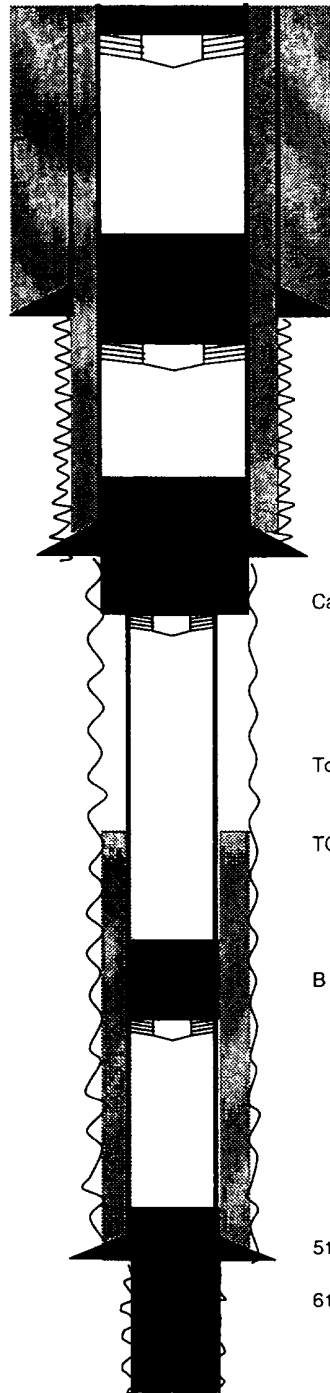
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County / State: Lea, NM  
Drilled: 1937

Operator: Chevron  
Field: Grbg/SA  
Date: 8/13/2001  
By: DCD

RKB = 6.5'

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

ZONITE Plugs	
3 - 30'	Top Plug
153 - 253'	Shoe / FW
1220 - 1351'	Rustler
2470 - 2570'	B / Salt
3650 - 3852'	Perf Plug



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

Rustler = 1270'

75/8" 26.4# @ 1301' w/ 300 sx, circ

Casing Cut @ 1351'

Top of salt = 1500'

TOC @ 1803' by calc

B / Salt = 2520'

51/2" - 17# 10rd @ 3700' w/ 150 sx, TOC = 1803' by calc

61/4" OH

3852' TD