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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
March 4, 2004

WELL API NO.
30-015-34137

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.)

7. Lease Name or Unit Agreement Name
Tornillo State

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other

RECEIVED
JUL 13 2005
OCD-ARTESIA

8. Well Number
#1

2. Name of Operator
Nadel and Gussman Permian, LLC

9. OGRID Number
155615

3. Address of Operator
601 N. Marienfeld Suite 508 Midland, Texas 79701

10. Pool name or Wildcat
Cemetery Morrow

4. Well Location

Unit Letter __ Lot 4 ___: 660'____feet from the South_____ line and 660'__feet from the West _____line

Section 18 Township 21-S Range 24-E NMPM County Eddy

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3,798'

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: Lot 4__ Sect 18___Twp 21-S___Rng 24-E__ Pit type Reserve _Depth to Groundwater +100'___Distance from nearest fresh water well 1000'+_

Distance from nearest surface water 1000'+____ Below-grade Tank Location UL _____Sect _____Twp _____Rng _____ ;

_____feet from the _____line and _____feet from the _____line

12. 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 ABANDONMENT	☒
PULL OR ALTER CASING	☐	MULTIPLE COMPLETION	☐	CASING TEST AND CEMENT JOB	☐		
OTHER:			☐	OTHER: Amended Report			☐

13. 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.

07/11/05 As per Van Barton w/ the OCD @ 6:15pm to plug and abandon the Tornillo "18" State #1.

07/12/05 Plug and Abandonment.
See Attached P & A Plug Plasment.

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration, environmental remediation and final inspection is completed.

I hereby certify that the information above is true and complete to the be
grade tank has been/will be constructed or closed according to NMOCD guidelines ☒
any pit or below-proved plan ☐.

SIGNATURE _____ TITLE __ Staff Engineer _____DATE___07/12/05_____

Type or print name Josh Fernau E-mail address: joshf@naguss.com Telephone No. 432-682-4429

(This space for State use)

Accepted for record NMOCD

AUG 9 2006

APPPROVED BY_____TITLE_____DATE_____

Conditions of approval, if any:

Plug and Abandonment

VERBAL FROM VAN BARTON
07/11/05 6:15pm

Tornillo "18" State #1
Lot #4 Sec. 18 T21S R24E
Eddy County, New Mexico

Procedure

1) TOOH and lay down bit
2) TIH w/ open-ended drill pipe only (Keep track of drill pipe tally)
3) Circulate the drill pipe and open hole volume to ensure that a full column is sustained and a 9.5 ppg mud is in hole (Losses have been minimal this may not be required)
4) MIRU lay down machine
5) The cement slurry will have a natural tendency to bridge so position open drill pipe at the bottom of the plugging depth
6) Spot a balance plug i.e. continue cement displacement until the fluid columns are balance, pump pressure during displacement provides a good indication when the fluid columns are balanced

Balanced Cement Plug Calculation if calculations didn't come through check page 12 of section 240 in Halliburton Book.

$$H = \frac{V}{A + C}$$

H = *Height of ballancedcement column in feet*

V = *Volume of cement slurry used in cu. ft.*

A = *Annular volume in cu. ft. per linear foot*

C = *Capacity of drill pipe, tbg. or ca* sin g

in cu. ft per linear ft.

Example: 100*sx cement* 1.20*cu. ft. yield.*

4 - 1/2" 16.6 *DP* 9 - 1/2" *hole.*

$$\frac{120}{0.3818 + 0.0798} = 259.9$$

Spacer of fluid volume ratio

$$\frac{\textit{Drill Pipe or tbg. Volume ft. per bbl}}{\textit{Annular Volume ft per bbl}}$$

$$\frac{70.32}{15.208} = 4.6 \textit{to} 1$$

7) Each plug will be spaced evenly every 2,000' until the casing shoe; **follow plug placement**

8) **After each cement plug is spotted pick up and stand back 1,000' and reverse out a drill pipe and annulus volume then lay down drill pipe as appropriate for plugs 1-5** NOTE: pipe should be pulled dry or semi-dry

9) **After each cement plug is spotted pick up and stand back 500' and reverse out a drill pipe and annulus volume then lay down drill pipe as appropriate for plugs 6-7**

10) The **8th** plug will be set from 0 – 60' as appropriate

11) If circulation is lost pick up 2,000' and attempt to reverse out and regain circulation

Plug Placement

Plug placement is in order from first plug to last plug. Place Plugs to the nearest joint.

1st 9,200' – 9,300' 100' or 25 sx Class H

2nd 7,200' – 7,300' 100' or 25 sx Class H

3rd 6,300' – 6,400' 100' or 25 sx Class H

4th 4,200' – 4,300' 100' or 25 sx Class C

5th 2,100' – 2,200' 100' or 25 sx Class C

6th 1,150' – 1,250' 100' or 25 sx Class C **(MUST TAG CEMENT PLUG W/ DRILL PIPE)**

7th 400' – 500' 100' or 25 sx Class C

8th 0' – 60' 0.4257 CU. FT per Lin. Ft or 25.5 CU Ft Class C **(NOT A JOKE MUST TAG CEMENT PLUG W/ SHOVEL)**

Tops

San Andres	603'
Glorieta	2,215'
Bone Spring	3,457'
1st Bone Spring	3,655'
2nd Bone Spring	3,985'
3rd Bone Spring	6,032'
Wolfcamp	6,432'
Cisco Canyon	7,523'
Strawn	7,903'
Atoka	8,939'
Morrow	9,342'
Lower Morrow	9,524'
TD	9,900'