

Submit Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

WELL API NO. <b>30-005-64298</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>Fee</b>
7. Lease Name or Unit Agreement Name <b>Muirfield</b>
8. Well Number <b>2H</b>
9. OGRID Number <b>371985</b>
10. Pool name or Wildcat <b>Race Track; San Andres, East</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3895 GL</b>

**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

2. Name of Operator  
**Hadaway Consulting & Engineering LLC**

3. Address of Operator  
**PO Box 188, Canadian TX 79014**

4. Well Location  
 Unit Letter **P** : **50** feet from the **S** line and **1270** feet from the **E** line  
 Section **18** Township **10S** Range **29E** NMPM County **Chaves**

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>	** AMENDED DRILLING PERMIT** <input type="checkbox"/>		
CLOSED-LOOP SYSTEM <input type="checkbox"/>	Amended C102 Attached <input type="checkbox"/>		
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

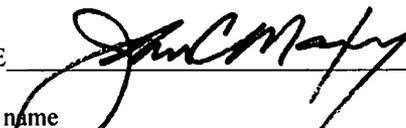
The operator would like to amend the approved drilling permit as follows:

- Change 9 3/4" surface casing size:** Drill 17 1/2" hole to 1150' md and set 13 3/4" 48 ppf H40 STC csg. and cement w/ 1000 sx class C cement to surface.
- Drill 12 1/4" pilot hole** to 3200' md and run logs. Plug back pilot hole from 2650' to 1950' (700') w/ 680 sx class H slurry. WOC and dress off 200' of cement plug to 2150'.
- Drill 12 1/4" hole and run 9 3/4" intermediate casing:** KO 8"/100' curve at 2150' w/ 12 1/4" hole and land at 3275' md (tvd of 2850' and 360° azimuth same as original permit plan). Run 9 3/4" 36 ppf J55 STC to TD and cement w/ 1000 sx class C cement to surface.
- Run uncemented pkr and port completion:** Drill out w/ 8 3/4" bit to TD of 7700' md and run 5 1/2" casing to TD (per original permit). **Change BHL and LTP** from 330' FNL of sec 18, to 100' FNL of sec 18 (amended C102 attached) per the new horizontal well rules. Run pkr and port completion system w/ two pkr elements inside shoe of 9 3/4" csg for annular seal and 5 1/2" will not be cemented.

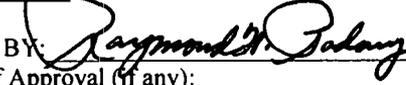
Spud Date:

Rig Release Date:

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

SIGNATURE  TITLE Petroleum Engineer DATE 8/2/2018

Type or print name \_\_\_\_\_ E-mail address: \_\_\_\_\_ PHONE: \_\_\_\_\_  
 For State Use Only

APPROVED BY:  TITLE Geologist DATE 8-7-18

Conditions of Approval (if any):

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6181 Fax: (575) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 748-1283 Fax: (505) 748-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-005-64298</b>	Pool Code <b>97273</b>	Pool Name <b>Race Track; San Andres, East</b>
Property Code <b>319464</b>	Property Name <b>MUIRFIELD</b>	Well Number <b>2H</b>
OGRID No. <b>371985</b>	Operator Name <b>HADAWAY CONSULTING &amp; ENGINEERING</b>	Elevation <b>3895.4'</b>

**Surface Location**

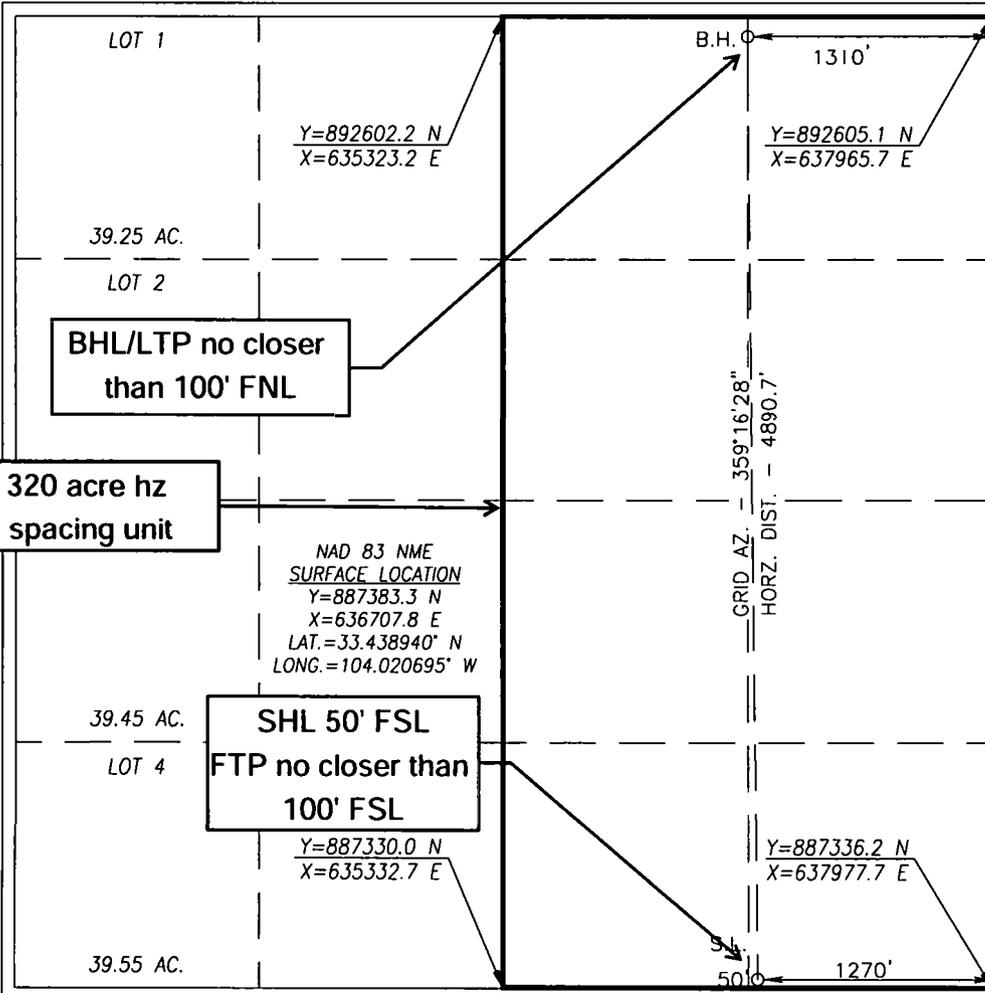
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	18	10-S	29-E		50	SOUTH	1270	EAST	CHAVES

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	18	10-S	29-E		100	NORTH	1310	EAST	CHAVES

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
<b>320</b>			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**OPERATOR CERTIFICATION**

*I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

*John C. Maxey* 8/23/2017  
Signature Date

John C. Maxey  
Printed Name

jcm@maxeyengineering.com  
E-mail Address

**SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

MAY 26, 2017

Date of Survey

Signature & Seal of Professional Surveyor



*Chad Hargrow* 6/2/17  
Certificate No. CHAD HARGROW 17777  
W.O. # 17-498 DRAWN BY: SP