

Submit 1 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. 30-025-05764
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 302708
7. Lease Name or Unit Agreement Name NORTH MONUMENT G/SA UNIT <input checked="" type="checkbox"/>
8. Well Number 016
9. OGRID Number 873
10. Pool name or Wildcat EUNICE MONUMENT; GRAYBURG-SAN AN

**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  
Apache Corporation

3. Address of Operator  
303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705

4. Well Location  
 Unit Letter P : 660 feet from the S line and 660 feet from the E line  
 Section 31 Township 19S Range 37E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3570

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

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

Apache would like to squeeze casing leak and return to injection procedures and wbd's attached

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 alicia fulton TITLE Sr. Staff Reg Analyst DATE 3/6/2020

Type or print name Alicia Fulton E-mail address: alicia.fulton@apachecorp.com PHONE: (432) 818-1088

**For State Use Only**

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 07/10/2020  
 Conditions of Approval (if any):

f

February 26<sup>th</sup>, 2020

**NMGSAU #016**

**API # 30-025-05764**

Lea County, NM

Production Casing: 5-1/2" 17#

**Objective:** Squeeze casing leak, return to injection

**Procedure:**

1. RIH w/ RBP & Packer
2. Set RBP ~3,650', isolate perms, test
3. Test on the way out, identify casing leak, establish rate
4. POOH w/ packer, RIH w/ cement retainer
  - a. Squeeze ~200 sxs w/ calcium, ~200 sxs neat
  - b. WOC
5. DO cement retainer and cement, pressure test squeeze
6. POOH, RIH w/ work string and retrieve RBP
7. Return to Injection

# Apache Corporation - NMGSAU #1516W

## Wellbore Diagram - Current Status

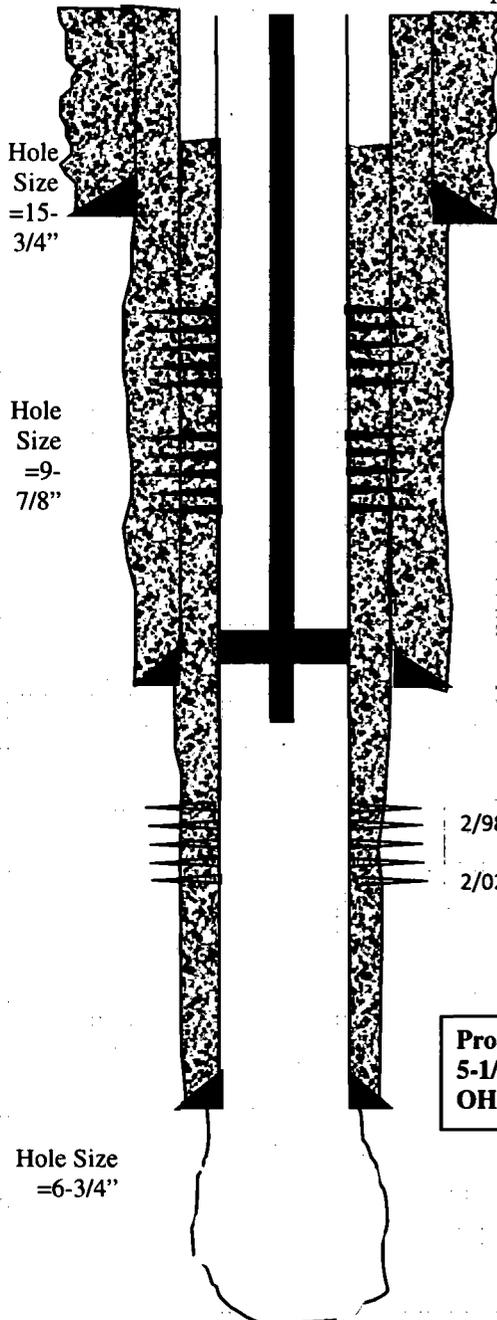
Date : 3/05/2020

API: 30-025-05764

Surface Location M. Heyen



600' FSL & 660' FEL  
Sec 31, T19S, R37E, Lea County, NM



Hole Size =15-3/4"

Hole Size =9-7/8"

Hole Size =6-3/4"

**Surface Casing**  
10-3/4", 32.75# @ 252' w/ 200 sxs

**Intermediate Casing**  
7-5/8", 22# @ 1106' w/ 200 sxs

12/54 - Fix casing leak @ 510'-540'. Squeeze perms shot at 1115' w/ 120 sxs. Found additional casing leak between 1104'-1135' and 1505'-1536'. Squeezed w/ 250 sxs  
10/95 - Fix casing leaks @ 1503' and 1536'  
02/02 - Squeeze casing leak @ 1600' w/ 16 sxs

2/98: Add perms 3692' - 3758' w/2 spf, acidized w/3300 gal 15%

2/02: Convert to Injection. Cement PB OH to 3850'. Acidize w/ 2500 gals

**Production Casing**  
5-1/2", 17# @ 3769' w/ 200 sxs  
OH fr/ 3769-3895'

PBTD = 3850'  
TD = 3895'