

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

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

Form C-103  
Revised July 18, 2013

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-025-05764
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No. 302708
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705		7. Lease Name or Unit Agreement Name NORTH MONUMENT G/SA UNIT <input checked="" type="checkbox"/>
4. Well Location Unit Letter <u>P</u> : <u>660</u> feet from the <u>S</u> line and <u>660</u> feet from the <u>E</u> line Section <u>31</u> Township <u>19S</u> Range <u>37E</u> NMPM County <u>LEA</u>		8. Well Number <u>016</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3570		9. OGRID Number 873
		10. Pool name or Wildcat EUNICE MONUMENT; GRAYBURG-SAN AN

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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 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 checked="" type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input checked="" 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.

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):

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 perfs, 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"

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

Hole  
Size  
=9-  
7/8"

**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

Hole Size  
=6-3/4"

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

PBTD = 3850'  
TD = 3895'