

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) 334-6118  
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. 30-025-38318
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name NORTH MONUMENT G/SA UNIT [302708]
8. Well Number #364
9. OGRID Number 873
10. Pool name or Wildcat 23000] EUNICE MONUMENT; GRAYBURG-S

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 N : 10 feet from the SOUTH line and 1420 feet from the FWL line  
Section 19 Township 19S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3675 gl

12. 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 COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: NOI- Add pay & acidize ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: ☐

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 complete the following work:

Work Objective: Add pay in and acidize upper interval in the Grayburg.

3636' - 56'  
3660' - 76'  
3680' - 88'

See attached WBD & Procedures

Spud Date:

06/01/2007

Rig Release Date:

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

SIGNATURE

*Emily J. Pollis*

TITLE Reg Analyst

DATE 08/14/2014

2017

Type or print name Emily Pollis

E-mail address: Emily.follis@apachecorp.com

PHONE: (432) 818-1801

For State Use Only

APPROVED BY:

*Mary S. Brown*

TITLE

*AO/II*

DATE

*8/21/2017*

Conditions of Approval (if any):

NMGSAU #364 (30-025-38318)

AFE: 11-17-1429

Work Objective: Add pay in and acidize upper interval in the Grayburg.

Day 1: RU SU. POOH w/pump and rods.

NU BOP. POOH w/tubing. Note scale and paraffin deposits as well as location of deposits on report. Notify Midland engineering of type and amount of scale encountered as soon as tubing is pulled.

Day 2: RIH w/bit and scraper. RIH to  $\pm 4043'$  and tag for fill. POOH.

MIRU WL Unit. Perforate as follows w/2 SPF and 180 degree phasing:

3636' – 56'

3660' – 76'

3680' – 88'

RIH w/RBP. **Set RBP @  $\pm 3751'$ . Set packer @  $\pm 3600'$ .** Acidize Upper Grayburg w/4000 gals 15% HCl acid (Grayburg Blend) and ball sealers. Record ISIP, 5 min, 10 min, and 15 min shut-in pressures.

Release packer and RBP. POOH w/packer and RBP.

Day 4/5: Finish POOH w/tubing and lay down packer. Test in hole w/2-7/8" tubing. RIH w/pump and rods. POP.

GL=3674'  
KB=3686'  
Spud: 6/1/07

# Apache Corporation – NMGSAU #364

## Wellbore Diagram – Proposed Status

Date : 8/1/2017  
J. Bower

API: 30-025-38318

### Surface Location



10' FSL & 1420' FWL,  
Sec 19, T19S, R37E, Lea County, NM

### Surface Casing

8-5/8" 24# J-55 @ 395' w/ 282 sx to surface

Hole Size  
=11"

TAC @ ????'  
SN @ 3907'

TBD: Perf Grayburg @ 3636' - 56', 3660' - 76', 3680' - 88' w/ 2 jspf  
(94 holes) Acidize w/4000 gal 15% NEFE acid

12/11: Perf Grayburg @ 3801-08; 3814-34; 3838-46; 3850-58 w/ 2  
jspf (86 holes). Acidized w/ 3000 gal 15% NEFE acid

6/07: Perf Grayburg @ 3888-3902 w/ 2 jspf (40 holes). Acidized w/  
1000 gal 15% NEFE acid.

3/14: Treat perfs fr/ 3801-3858' & 3888-3902' w/ blue spark tools.  
Return to production.

Hole Size  
=7-7/8"

### Production Casing

5-1/2" 17# J-55 @ 4120' w/ 1231 sxs

PBTD = 4043'  
TD =4120'



GL=3674'  
KB=3686'  
Spud: 6/1/07

## Apache Corporation – NMGSAU #364

### Wellbore Diagram – Current Status

API: 30-025-38318

Date : 7/7/2016  
K. Grisham

#### Surface Location



10' FSL & 1420' FWL,  
Sec 19, T19S, R37E, Lea County, NM

#### Surface Casing

8-5/8" 24# J-55 @ 395' w/ 282 sx to surface

TAC @ 3715'  
SN @ 3907'

12/11: Perf Grayburg @ 3801-08; 3814-34; 3838-46; 3850-58 w/ 2  
jspf (86 holes). Acidized w/ 3000 gal 15% NEFE acid

6/07: Perf Grayburg @ 3888-3902 w/ 2 jspf (40 holes). Acidized w/  
1000 gal 15% NEFE acid.

3/14: Treat perfs fr/ 3801-3858' & 3888-3902' w/ blue spark tools.  
Return to production.

#### Production Casing

5-1/2" 17# J-55 @ 4120' w/ 1231 sxs

Hole Size  
=11"

Hole Size  
=7-7/8"

PBTD = 4043'  
TD =4120'