

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

HOBBS OCD

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

FEB 26 2014

RECEIVED

WELL API NO. 30-025-09892	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No. N/A	
7. Lease Name or Unit Agreement Name North Monument G/SA Unit (302708) <input checked="" type="checkbox"/>	
8. Well Number 003	
9. OGRID Number 873	
10. Pool name or Wildcat Eunice Monument; G-SA (23000)	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3563' DF	

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 3000 Midland, TX 79705

4. Well Location  
Unit Letter C, 330 feet from the North line and 2310 feet from the West line  
Section 04 Township 20S Range 37E NMPM County Lea

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: Add Pay ☒

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 perforate and sonic hammer the Grayburg per the attached procedure.

Spud Date: 08/20/1936

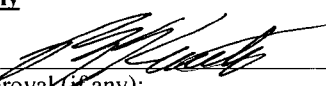
Rig Release Date: 09/24/1936

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

SIGNATURE  TITLE Regulatory Tech II DATE 02/24/2014

Type or print name Fatima Vasquez E-mail address: Fatima.Vasquez@apachecorp.com PHONE: (432) 818-1015

For State Use Only

APPROVED BY:  TITLE Petroleum Engineer DATE MAR 18 2014  
Conditions of Approval (if any):

MAR 18 2014

NMGSAU #2203

API # 30-025-09892

Sec 32, T19S, R37E

Elevation: 3576' KB, 3565' GL

TD: 3,899'

PBTD: 3,848'

Casing Record:       12-1/2" 50# @ 158' w/ 150 sxs  
                          9-5/8" 36# @ 1,270' w/ 400 sxs  
                          7" 24# @ 3,654' w/ 250 sxs

Perfs: Grayburg: 3654; 68; 71; 3705; 11; 24; 31; 46; 49; 59; 64; 68; 93; 3802; 12; 27; 34; (29 holes)

Objective: Perforate and sonic hammer the Grayburg, RTP.

AFE: 11-14-0732

1. MIRU unit. Kill well as necessary. ND WH. NU BOP. POOH w/ tubing.
2. PU and RIH w/ bit, bit sub, and drill collars on 2-7/8" production tubing to and tag PBTD. Clean-out if necessary. POOH.
3. MIRU WL. RIH w/ perforator and perforate the Grayburg at 3664-72; 3723-32; 3759-70; 3792-3800; 3809-16 w/ 2 jspf 120° phasing (86 holes). TOH w/ perf guns. **Correlate to GO International Radioactivity Log dated 8/26/1971.** RDMO WL.
4. PU and RIH w/ sonic hammer on 2-7/8" production tubing to PBTD @ 3,848'.
5. MIRU acid services. Acidize down 2-7/8" J-55 tubing w/ 3500 gals of 15% NEFE HCL w/ additives through the sonic hammer moving across the interval from 3,664'-3,834'. Drop ball and shear tool.
6. RU swab equipment and recover load and swab test perfs for fluid entry and oil cut. Report results to Midland. RD swab equipment.
7. Kill well if necessary. TOH w/ sonic hammer and 2-7/8" tubing.
8. PU and RIH w/ production tbg w/ new pump as per the Monument office specification
9. RDMOPU. Return well to production and place into test for 10 days.

GL=3565'  
KB=3576'  
Spud: 8/20/36

## Apache Corporation – NMGSAU #2203

### Wellbore Diagram – Current Status

Date : 2/20/14

API: 30-025-09892

#### Surface Location

R. Taylor



330' FNL & 2310' FWL,  
Sec 4, T20S, R37E, Lea County, NM

#### Surface Casing

12-1/2" 50# @ 158' w/ 150 sxs to surface

#### Intermediate Casing

9-5/8" 36# @ 1270' w/ 400 sxs

2/66: Well TA'd  
9/71: Reactivated

TAC @ ???'  
SN @ 3821'

#### Production Casing

7" 24# @ 3,654' w/ 250 sxs

9/36: OH from 3654-3898 natural completion  
9/71: SQZ'd OH from 3638-3892 w/ 250 sxs. Drilled out OH to 3848. Perf 3746; 49; 59; 64; 68; 93; 3802; 12; 27; 34 (11 holes). Acidized w/ 3000 gal 15% NEFE.  
9/71: Acidized w/ 6000 gal DR-SA-2 20% acid.  
3/72: Frac'd w/ 30k gal gelled lease crude w/ 1-3/4# sand/gal  
4/75: Perf OH @ 3654; 68; 71; 3705; 11; 24; 31; 46; 49; 59; 64; 68; 93; 3803; 07; 09; 14; 27; 34 (19 holes). Acidized w/ 5000 gal 20% NEA  
8/76: Acidized w/ 1500 gal 15% NEA  
11/86: Dump 1000 gal 15% NEFA down csg.

Hole Size  
=17-1/2"

Hole Size  
=11"

Hole Size  
=8-3/4"

Hole Size  
=6-1/8"

PBTD = 3,848'

TD = 3,899'

GL=3565'  
KB=3576'  
Spud: 8/20/36

# Apache Corporation – NMGSAU #2203

## Wellbore Diagram – Proposed Status

Date : 2/20/14

API: 30-025-09892

### Surface Location

R. Taylor



330' FNL & 2310' FWL,  
Sec 4, T20S, R37E, Lea County, NM

### Surface Casing

12-1/2" 50# @ 158' w/ 150 sxs to surface

### Intermediate Casing

9-5/8" 36# @ 1270' w/ 400 sxs

2/66: Well TA'd  
9/71: Reactivated

TAC @ TBD'  
SN @ TBD'

### Production Casing

7" 24# @ 3,654' w/ 250 sxs

9/36: OH from 3654-3898 natural completion  
9/71: SQZ'd OH from 3638-3892 w/ 250 sxs. Drilled out OH to 3848. Perf 3746; 49; 59; 64; 68; 93; 3802; 12; 27; 34 (11 holes). Acidized w/ 3000 gal 15% NEFE.  
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3/72: Frac'd w/ 30k gal gelled lease crude w/ 1-3/4# sand/gal  
4/75: Perf OH @ 3654; 68; 71; 3705; 11; 24; 31; 46; 49; 59; 64; 68; 93; 3803; 07; 09; 14; 27; 34 (19 holes). Acidized w/ 5000 gal 20% NEA  
8/76: Acidized w/ 1500 gal 15% NEA  
11/86: Dump 1000 gal 15% NEFA down csg.  
TBD: Perf @ 3664-72; 3723-32; 3759-70; 3792-3800; 3809-16 w/ 2 jspf (86 holes).  
Acidized w/ 3500 gal 15% NEFE w/ sonic hammer.

Hole Size  
=17-1/2"

Hole Size  
=11"

Hole Size  
=8-3/4"

Hole Size  
=6-1/8"

PBTD = 3,848'

TD =3,899'