

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 August 1, 2011

WELL API NO. 30-025-37984
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. A0-1543-0001
7. Lease Name or Unit Agreement Name North Monument G/SA Unit (302708)
8. Well Number 342
9. OGRID Number 873
10. Pool name or Wildcat Eunice Monument; G-SA (23000)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3584' GL

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 I : 2000 feet from the South line and 940 feet from the East line  
Section 36 Township 19S Range 36E 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 ☐

OTHER: ☐

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 intends to DO CICR @ 3720', perforate and acidize the Grayburg and RTP, per the attached procedure.

Spud Date:

7/28/2006

Rig Release Date:

8/5/2006

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

SIGNATURE

Reesa Holland

TITLE Sr. Staff Reg Tech

DATE 3/13/2013

Type or print name Reesa Holland

E-mail address: Reesa.Holland@apachecorp.com

PHONE: 432/818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE

Dist. Mgr

DATE 3-20-2013

Conditions of Approval (if any):

MAR 20 2013

NMGSAU #342

API # 30-025-37984

Sec 36, T19S, R36E

Elevation: 3596' KB, 3584' GL

TD: 4,034'

PBTD: 3,619'

Casing Record: 8-5/8" @ 397' w/ 280 sxs  
5-1/2" @ 4,035' w/ 491 N2 foamed sxs. TOC @ 3,490'

Perfs: Grayburg: 3684-90; 3698-3704; 3708-12; 3715-20; 3728-40; 3760-71; 3794-99; 3811-15; 3840-48; 3876-84; 3896-3906 w/ 2 jspf (158 holes). Squeezed w/ 300 sxs.

Objective: D/O CICR to 3720', perforate and acidize Grayburg and return to production.

AFE: PA-13-3470

1. MIRU unit. Check pressure on well.
2. ND WH. NU BOP. POOH w/ tubing. Unload and rack extra 2-7/8" tubing to be used as WS.
3. PU 4-3/4" bit, drill collars on 2-7/8" tubing and RIH to CICR. RU reverse unit. Break circulation and drill out CICR and cement to ~3720. Record PBTD. Circulate hole clean. POOH.
4. MIRU WL. RIH w/ perforating gun and perforate the Grayburg from 3573-77; 3585-89; 3607-13; 3620-24; 3635-42; 3653-58; 3680-83; 3684-90 w/ 2 jspf 60° phasing Connex BH charges (78 holes). **Correlate to Halliburton Dual-Spaced Neutron Collar Locator date 9/12/2006.** POOH w/ WL. RDMO WL.
5. PU PKR and RIH w/ SN+PKR on 2-7/8" production tubing to bottom perfs at 3690. Spot 500 gal 15% NEFE acid across perforations from 3573-3690. TOH and set PKR above new perforations at ~3,520'.
6. MIRU acid services. Acidize down 2-7/8" J-55 tubing w/ 3000 gals of 15% NEFE HCL w/ additives using 120 ball sealers to divert evenly spaced through the job. Max treating pressure not to exceed 3000 psi or at the specifications of the Monument team. Displace to bottom perf with 25 BBLs of flush. Surge balls.
7. Release PKR and TIH to knock balls off perforations. TOH and set PRK at ~3,520.
8. RU swab equipment and recover load and swab test perfs for fluid entry and oil cut. Report results to Midland. RD swab equipment.
9. Kill well if necessary. Release PKR and TOH.
10. RIH w/ production tubing and rods as per the Monument office specification.
11. RDMOPU.
12. Set transfer pumping unit and install electrical services.
13. Return well to production and place into test for 10 days.

GL=3584'  
KB=3596'  
Spud: 7/28/06

## Apache Corporation – NMGSAU #342

### Wellbore Diagram – Current Status

Date : 2/26/2013

API: 30-025-37984

#### Surface Location

R. Taylor



2000' FSL & 940' FEL, Unit I  
Sec 36, T19S, R36E, Lea County, NM

#### Surface Casing

8-5/8" 24# J-55 @ 397' w/ 280 sx to surface

Hole Size  
=11"

Hole Size  
=7-7/8"

TOC @ 3490'. Ratty cement to  
1282'

110 jts 2-7/8" tbg  
in hole

12/06: CICR @ 3619. SQZ'd w/ 300 sxs. TOC @ 3594. TA'd

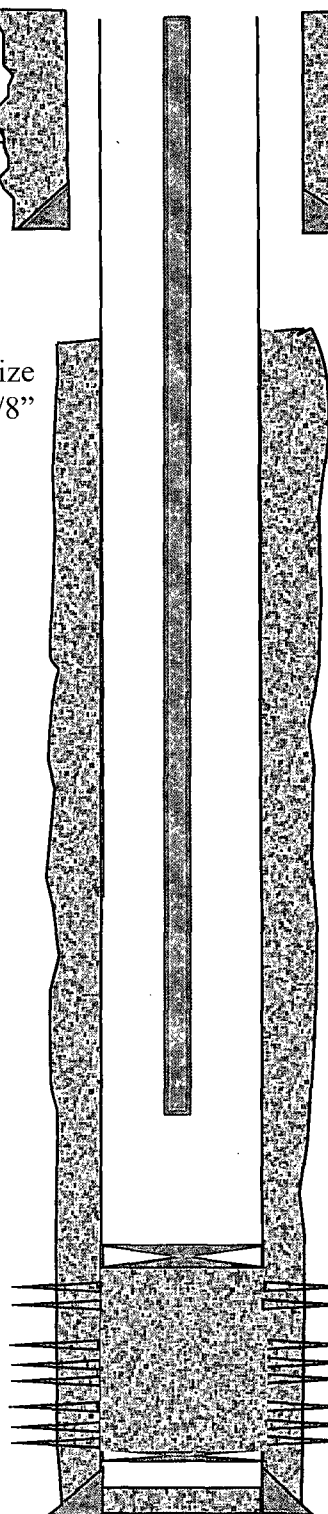
10/06: CBP @ 3830 to shut off water.  
12/06: Pushed to 3947

9/06: Perf Grayburg @ 3684-90; 3698-3704; 3708-12; 3715-20;  
3728-40; 3760-71; 3794-99; 3811-15; 3840-48; 3876-84; 3896-3906  
w/ 2 jspf (158 holes). Acidize w/ 5000 gal 15% HCL

#### Production Casing

5-1/2" 15.5# J-55 @ 4035' w/ 491 N2 foamed sxs

PBTD = 3962'  
TD = 4035'



GL=3584'  
KB=3596'  
Spud: 7/28/06

## Apache Corporation – NMGSAU #342

### Wellbore Diagram – Proposed Status

Date : 3/4/2013

API: 30-025-37984

#### Surface Location

R. Taylor



2000' FSL & 940' FEL, Unit I  
Sec 36, T19S, R36E, Lea County, NM

#### Surface Casing

8-5/8" 24# J-55 @ 397' w/ 280 sx to surface

Hole Size  
=11"

Hole Size  
=7-7/8"

TOC @ 3490'. Ratty cement to  
1282'

TAC @ TBD  
SN @ TBD

TBD: Drill out CICR and cement to 3720'. Perforate Grayburg @ 3573-77; 3585-89; 3607-13; 3620-24; 3635-42; 3653-58; 3680-83; 3684-90 w/ 2 jspf 60° phasing (78 holes). Acidized w/ 3,000 gal 15% NEFE.

12/06: CICR @ 3619. SQZ'd w/ 300 sxs. TOC @ 3594. TA'd

10/06: CBP @ 3830 to shut off water.  
12/06: Pushed to 3947

9/06: Perf Grayburg @ 3684-90; 3698-3704; 3708-12; 3715-20; 3728-40; 3760-71; 3794-99; 3811-15; 3840-48; 3876-84; 3896-3906 w/ 2 jspf (158 holes). Acidize w/ 5000 gal 15% HCL

#### Production Casing

5-1/2" 15.5# J-55 @ 4035' w/ 491 N2 foamed sxs

PBTD = 3962'  
TD = 4035'

