

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. 30-025-36674
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-1167-48
7. Lease Name or Unit Agreement Name North Monument G/SA Unit <input checked="" type="checkbox"/>
8. Well Number 334 (302708) <input checked="" type="checkbox"/>
9. OGRID Number 873
10. Pool name or Wildcat Eunice Monument; Grayburg-SA (23000)

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 E : 2245 feet from the North line and 1250 feet from the West line
Section 36 Township 19S Range 36E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3597 GL

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 type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <u>WO</u> <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.

Objective: Isolate lower Grayburg and re-perforate middle Grayburg and acidize

1. POOH with rods and tbg
2. Set CIBP @ 3,920'
3. Perforate with slick gun (4 spf 60° phasing, large diameter hole, deep penetrating charges):
 - 3,840-52'
 - 3,858-62'
 - 3,870-82'
 - 3,908-14'
4. Test tbg to 80%
5. RIH with packer and set it at 3,800'. Pressure up to 500 psi in the annulus
6. Acidize formation with 3,500 gallons of 15% NEFE and use balls for diverter
7. Knock off the balls and swab test the formation
8. RIH with TAC and rod pump
9. Return well to production

Spud Date: 07/22/2004

Rig Release Date: 07/29/2004

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

SIGNATURE Isabel Hudson TITLE Regulatory Analyst DATE 10/25/2016

Type or print name Isabel Hudson E-mail address: Isabel.hudson@apachecorp.com PHONE: (432) 818-1142

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 10/31/16
Conditions of Approval (if any):



October 12, 2016

NMGSAU # 1430

API # 30-025-36674

Lea County, NM

Producing Interval: **3,778-3,942'**

Objective: Isolate lower Grayburg and re-perforate middle Grayburg and acidize

Procedure:

1. POOH with rods and tbg
2. Set CIBP @ 3,920'
3. Perforate with slick gun (4 spf 60° phasing, large diameter hole, deep penetrating charges):
 - 3,840-52'
 - 3,858-62'
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4. Test tbg to 80%
5. RIH with packer and set it at 3,800'. Pressure up to 500 psi in the annulus
6. Acidize formation with 3,500 gallons of 15% NEFE and use balls for diverter
7. Knock off the balls and swab test the formation
8. RIH with TAC and rod pump
9. Return well to production

GL=3612'
KB=3624'
Spud: 7/22/04

Apache Corporation – NMGSAU #1430

Wellbore Diagram – Current Status

Date : 7/11/2016

API: 30-025-36674

Surface Location K. Grisham



2245' FNL & 1250' FWL, Unit
Sec 36, T19S, R36E, Lea County, NM

Hole Size
=11"

Hole Size
=7-7/8"

Surface Casing

8-5/8" 24# J-55 @ 427' w/ 400 sx to surface

TAC @ 3717'
SN @ 3927'

8/04: Perf Grayburg @ 3778-88; 3790-98; 3801-11; 3817-25; 3835-59; 3870-92; 3902-42 (251 holes)

Acidized w/ 6500 gal 15% NEFE HCL

12/12: Wash perms w/ 180 bbls FW. Acidize w/ 5000 gals 15% NEFE NMGSAU Blend acid w/ sonic hammer.

Production Casing

5-1/2" 15.5# J-55 @ 3960' w/ 950 sxs to surface

PBTD = 3954'
TD =3960'