

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-41039
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 387
9. OGRID Number 873
10. Pool name or Wildcat Eunice Monument;G-SA (23000)

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSED 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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Apache Corporation	
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705	
4. Well Location Unit Letter <u>O</u> : <u>10</u> feet from the <u>South</u> line and <u>1330</u> feet from the <u>East</u> line Section <u>19</u> Township <u>19S</u> Range <u>37E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3644' GR	

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: <input type="checkbox"/>		OTHER: Completion <input checked="" 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 completed this well as follows:
5/23/13 MIRU. RIH w/ tbg to PBTD. Circ clean hole.
5/24/13 Log TOC @ 3350'. Perf Grayburg @ 3936'-3946', 2-JSPF 20 holes, 3954'-3965', 2-JSPF 22 holes, & 3977'-3998', 1-JSPF 21 holes.
5/28/13 Spot 84 gals 15% Grayburg blend acid. Acidize w/ 3000 gals 15% Grayburg blend acid.
5/29/13 RIH & set CIBP @ 3932'. Perf Grayburg @ 3634'-3640', 3651'-3656', 3659'-3665', 3679'-3689', 3706'-3713', 3731'-3747', 3763'-3777', 3795'-3807', 3823'-3836', 3846'-3851', 3856'-3868', 3889'-3895', 3898'-3910', & 3914'-3922', 2-JSPF 264 holes.
RIH w/ sonic hammer.
5/30/13 Spot acid to sonic hammer. Acidize w/ 10000 gals 15% Grayburg blend acid. Swab.
5/31/13 POOH w/ sonic hammer. Perfs 3795'-3922' not broke down. Acidize w/ 3000 gals 15% NMGSAU blend acid.
6/03/13 Swabbing.
6/04/13 Spot 924 gals 15% Grayburg blend acid. Acidize perfs 3795'-3868' w/ 2000 gals 15% Grayburg blend acid.
(Continued on pg. 2)

Spud Date:

04/26/2013

Rig Release Date:

05/01/2013

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

SIGNATURE

TITLE Reg Tech I

DATE 10/31/2013

Type or print name Michael O'Connor

E-mail address: michael.oconnor@apachecorp.com

PHONE: 432-818-1953

For State Use Only

APPROVED BY:

TITLE

Petroleum Engineer

DATE

Conditions of Approval (if any):

MAR 27 2014

MAR 27 2014

NMGSAU # 387
API #30-025-41039
Apache Corp. (873)

Completion continued.

6/05/13 RIH & set CIBP @ 3885'. RIH w/ 2-7/8" J-55 6.5# tbg, Echometer gas separator.

6/06/13 RIH w/ pump & rods. Clean location. Make final flowline tie in.

6/08/13 POP.

9/05/13 MIRU. POOH w/ pump & rods.

9/06/13 RIH w/ CICR, set @ 3557'. Squeeze perfs 3634'-3868' w/ 400 sx class C cmt.

9/09/13 Drill out cmt @ 3551'-3557'.

9/10/13 DO remainder CICR & cmt 3557'-3703'. Circ clean.

9/11/13 DO cmt 3703'-3868' & CIBP @ 3885'.

9/12/13 DO CIBP @ 3932'. CO to 4000'. POOH w/ tbg & bit. RIH w/ CICR.

9/13/13 Squeeze perfs @ 3889'-3998' w/ 400 sx Class C cmt. POOH w/ tbg & retainer head.

9/16/13 RIH w/ bit & tbg. Establish circ. DO cmt & cmt ret. Circ clean hole. Drill cmt to 3644'. Circ clean hole.

9/17/13 DO cmt 3644'-3915'. Circ clean.

9/18/13 Stage 1 Grayburg perfs @ 3795'-3807', 3823'-3836', 3846'-3851', 3856'-3868', 3889'-3895', & 3898'-3910', 2-JSPF 120 holes.

9/19/13 Acidize perfs 3795'-3910' w/ 2500 gals 15% Grayburg blend acid. Swab.

9/20/13 Swabbing.

9/23/13 Acidize perfs 3795'-3868' w/ 1000 gals 15% Grayburg blend acid.

9/24/13 RIH w CIBP & set on tbg @ 3878'. RIH w/ 2-7/8" J-55 6.5# tbg. SN @ 3852'. RIH w/ pump & rods. Return to production.

GL=3643'
KB=3655'
Spud: 4/26/13

Apache Corporation – NMGSAU #387

Wellbore Diagram – Current Status

API: 30-025-41039

Date : 9/30/13
K. Grisham



Surface Location

10' FSL & 1330' FEL, Unit O
Sec 19, T19S, R37E, Lea County, NM

Surface Casing

8-5/8" 24# J-55 @ 1335' w/ 475 sx to surface

Hole Size
=11"

Hole Size
=7-7/8"

TOC @ 3350'
Ratty cmt to 1000'

SN @ 3852'

9/13: Perf Stage I @ 3795'-3807'; 3823'-3836'; 3846'-3851'; 3856'-3868'; 3889'-3895'; 3898'-3910' w/ 2 jspf (120 holes). Acidized w/ 2500 gals 15% NEFE. AIR=1.5 BPM @ 321#.

6/13: Perf Grayburg stage II @ 3634-40; 3651-56; 3659-65; 3679-89; 3706-13; 3731-47; 3763-77; 3795-3807; 3823-36; 3846-51; 3856-68; 3889-95; 3898-3910; 3914-22 w/ 2 jspf (264 holes). Acidized w/ 10,000 gal 15% NEFE acid w/ sonic hammer top down. AIR=3.4 BPM @ 155#. 3634-3777 Broke down; 3795-3922 not broke. Acidize 3795-3922 w/ 3000 gal 15% NEFE. AIP=1.8 @ 1107#. Swab black water

6/13: Acidized 3795-3868 w/ 2000 gal 15% NEFE. AIP=1.2 @ 1531.

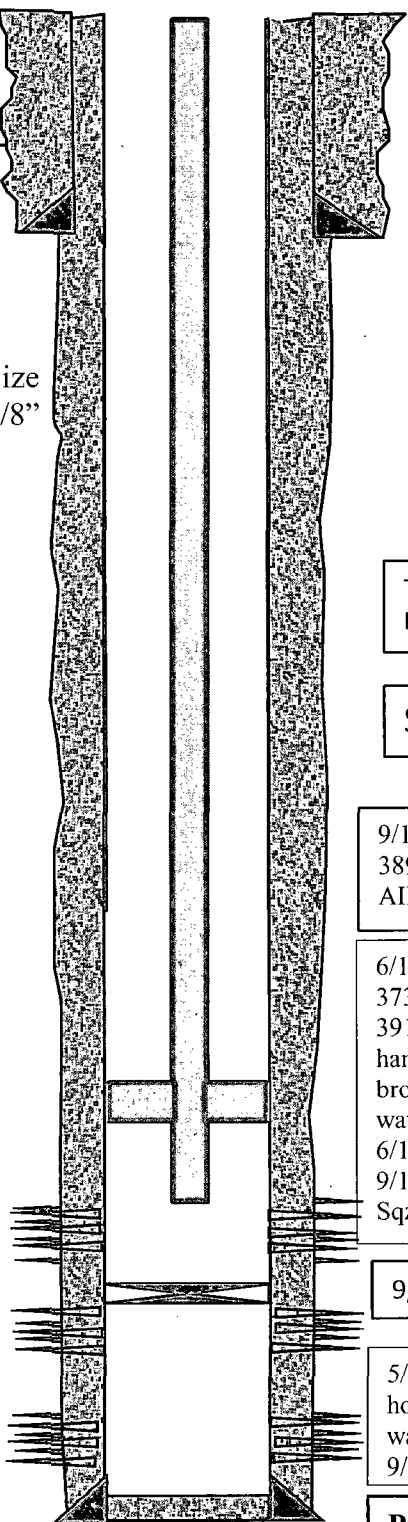
9/13: Sqz Grayburg perfs (3634'-3868') w/ 400 sxs class C cmt.
Sqz perfs (3889'-3998') w/ 400 sxs class C cmt.

9/13: CIBP set @ 3878'.

5/13: Perf Grayburg stage I @ 3936-46; 3954-65; 3977-98 (1 jspf) w/ 2 jspf (63 holes). Acidized w/ 3000 gal 15% NEFE acid. AIR=1 BPM @ 850#. Swab all black water. Swab 3936-65 water cleaner
9/13: All perfs SQZ'd

Production Casing

5-1/2" 17# J-55 @ 4100' w/ 611 sxs to surface



PBTD = 3878'
TD = 4100'