

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

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-025-41038
2. Name of Operator Apache Corporation		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705		6. State Oil & Gas Lease No. 302708
4. Well Location Unit Letter <u>K</u> : <u>1615</u> feet from the <u>S</u> line and <u>1575</u> feet from the <u>W</u> line Section <u>20</u> Township <u>19S</u> Range <u>37E</u> NMPM County <u>LEA</u>		7. Lease Name or Unit Agreement Name NORTH MONUMENT G/SA UNIT
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3642' GR		8. Well Number <u>386</u>
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data		9. OGRID Number 873
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <u>add pay and acidize</u> <input checked="" type="checkbox"/>		10. Pool name or Wildcat EUNICE MONUMENT; GRAYBURG-SA
SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <u>add pay and acidize</u> <input checked="" type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input 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.

Apache is requesting approval to add pay and acidize.

Please see attached procedures and proposed and current wellbore diagrams

HOBBS OCD

AUG 30 2018

RECEIVED

Spud Date: 06/01/2013

Rig Release Date: 06/04/2013

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

SIGNATURE Alicia Fulton TITLE Reg Analyst DATE 08/30/2018

Type or print name Alicia Fulton E-mail address: alicia.fulton@apachecorp.com PHONE: (432) 818-1088

APPROVED BY: Karen Sharp TITLE Staff Mgr DATE 8-30-18
 Conditions of Approval (If any):

Apache Corporation – NMGSAU #386

Wellbore Diagram – Current Status

Date : 8/27/2018

GL=3642'
KB=3653'
Spud: 6/1/13

API: 30-025-41038

Surface Location J. Bower



1615' FSL & 1575' FWL, Unit K
Sec 20, T19S, R37E, Lea County, NM

Hole Size
=11"

Surface Casing
8-5/8" 24# J-55 @ 1333' w/ 372 sxs to surface

TOC @ 40'

TAC @ ????'
SN @ ????'

7/13: Perf Grayburg stage II @ 3733-41; 3750-56; 3780-86; 3807-12;
3818-3825; 3842-46; 3850-57 w/ 2 jspf, 120° phasing (86 holes).
Acidized w/ 3500 gal 15% NEFE acid AIR=1.6 BPM @ 1200#.
6/15: Acidize 3733' - 3960' w/1000 gals 15% NEFE HCl
6/15: Frac w/46719# 40/70 Ottawa and 22767# 20/40 coolset

MKR Jt
3580'

7/13: Perf Grayburg stage I @ 3888-3913; 3940-60 w/ 1 jspf (45
holes). Acidized w/ 3500 gal 15% NEFE acid AIR=1.4 BPM @
1208#.
8/13: Acidize 3842-3913 w/ 2500 gal 15% NEFE. AIR=3.2 BPM @
1220#.

Hole Size
=7-7/8"

Production Casing
5-1/2" 17# J-55 @ 4080' w/ 692 sxs to surface

PBTD = 4035'
TD = 4080'

NMGSAU #386 (30-025-41038)

AFE: 11-18-1564

Work Objective: Clean out, add perms, and acidize well under a packer w/rock salt.

Procedure

1. MIRU unit. POOH w/ pump and rods. Inspect rods for wear and pitting. Replace bad joints
2. NU BOP. Tag for fill. POOH w/ tubing. Inspect tubing for wear, corrosion, and paraffin. Replace bad joints.
3. MIRU WL. Perforate as follows (correlated to the CBL ran 6/20/2013) w/2 SPF at 180 degree phasing.
 - 3742' – 3749'
 - 3771' – 3779'
 - 3813' – 3817'
 - 3847' – 3849'
 - 3870' – 3880'
 - 3914' – 3939'
4. RD WL. RIH w/packer and set at $\pm 3,650'$. Acidize down tubing with 5,000 gals 15% HCl and rock salt.
 - **NOTE: please discuss block schedule and salt volumes with engineer prior to performing work.**
5. Open BOP. POOH w/ tubing and packer.
6. TIH w/ 2-7/8" tbg. RIH w/ rods and pump. POP.