

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 July 18, 2013

HOBBS OCS
 MAY 06 2014
 RECEIVED

WELL API NO. 30-025-41045
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name North Monument G/SA Unit (302708)
8. Well Number 392
9. OGRID Number 873
10. Pool name or Wildcat Eunice Monument; G-SA (23000)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3619' 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 O : 1190 feet from the South line and 2420 feet from the East line
 Section 30 Township 19S Range 37E NMPM County Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" 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: <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.

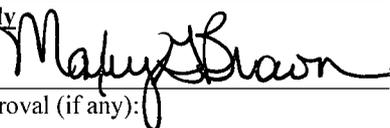
Apache would like to Sonic hammer the lower Grayburg, perforate & acidize the upper Grayburg per the attached procedure.

Spud Date: Rig Release Date:

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

SIGNATURE  TITLE Regulatory Analyst II DATE 05/02/2014

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

For State Use Only
 APPROVED BY:  TITLE Dist. Supervisor DATE 5/7/2014
 Conditions of Approval (if any):

MAY 07 2014

NMGSAU #392

API # 30-025-41045

Sec 30, T19S, R37E

Elevation: 3630' KB, 3619' GL

TD: 4,031'

PBTD: 3,991'

Casing Record: 8-5/8" 24# J-55 @ 1,248' w/ 356 sxs
5-1/2" 17# J-55 @ 4,031' w/ 679 sxs

Perfs: Grayburg: 3792-3806; 3825-35; 3842-47; 3877-81; 3889-95 w/ 2 jspf (78 holes)

Objective: Sonic hammer the lower Grayburg, perforate and acidize the upper Grayburg, RTP.

AFE: 11-14-1643

1. MIRU unit. Kill well as necessary. Unseat pump. POOH w/ rods and pump.
2. ND WH. NU BOP. Release TAC. POOH w/ tubing.
3. PU and RIH w/ bit, bit sub, and drill collars on 2-7/8" production tubing to PBTD @ ~4,031'.
4. PU and RIH w/ sonic hammer on 2-7/8" production tubing to bottom perf @ 3,895'.
5. MIRU acid services. Acidize down 2-7/8" J-55 tubing w/ 2,000 gals of 15% NEFE HCL w/ additives through the sonic hammer moving across perforations from 3,792'-3,895'. 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. POOH w/ sonic hammer and 2-7/8" tubing.
8. MIRU WL. RIH w/ perforator and perforate the UPR Grayburg at 3615-24; 3654-64; 3712-17; 3732-46 w/ 2 jspf 120° phasing (76 holes). POOH w/ perf guns. **Correlate to Weatherford Compensated Neutron Gamma Ray/CCL Log dated 5/30/2013.** RDMO WL.
9. PU and RIH w/ RBP-PKR straddle assembly with ball catcher on WS. Set RBP and ball catcher at ± 3,780. TOOH and set PKR at 3,775 and test RBP to 1000 psi. Release PKR and TOOH and set PKR above new perforations at ± 3565'. Test backside to 500 psi.
10. MIRU acid services. Acidize the Grayburg (3,615-3,746) down the tubing with 3000 gallons 15% NEFE w/ additives using 150 ball sealers to divert evenly spaced throughout the job as a max rate but do not exceed 4,000 psi surface treating pressure. Displace to bottom perf with 30 bbls of flush. Release PKR and knock balls off. TOOH and set PKR at 3,565'.
11. RU swab equipment and recover load and swab test perfs for fluid entry and oil cut. Report results to Midland. RD swab equipment.
12. Kill well if necessary. Release PKR and TIH to RBP and ball catcher. Latch and release RBP. POOH w/ RBP-PKR straddle assembly.
13. PU and RIH w/ production tbg and rods w/ new pump as per the Monument office specification
14. RDMOPU. Return well to production and place into test for 10 days.

GL=3619'
KB=3630'
Spud: 5/19/13

Apache Corporation – NMGSAU #392

Wellbore Diagram – Current Status

Date : 8/19/2013

API: 30-025-41045

Surface Location K. Grisham



1190' FSL & 2420' FEL, Unit O
Sec 30, T19S, R37E, Lea County, NM

Surface Casing
8-5/8" 24# J-55 @ 1248' w/ 356 sxs to surface

Directional Hole

TOC @ 65'

TAC @ TBD'
SN @ TBD'

Hole Size
=11"

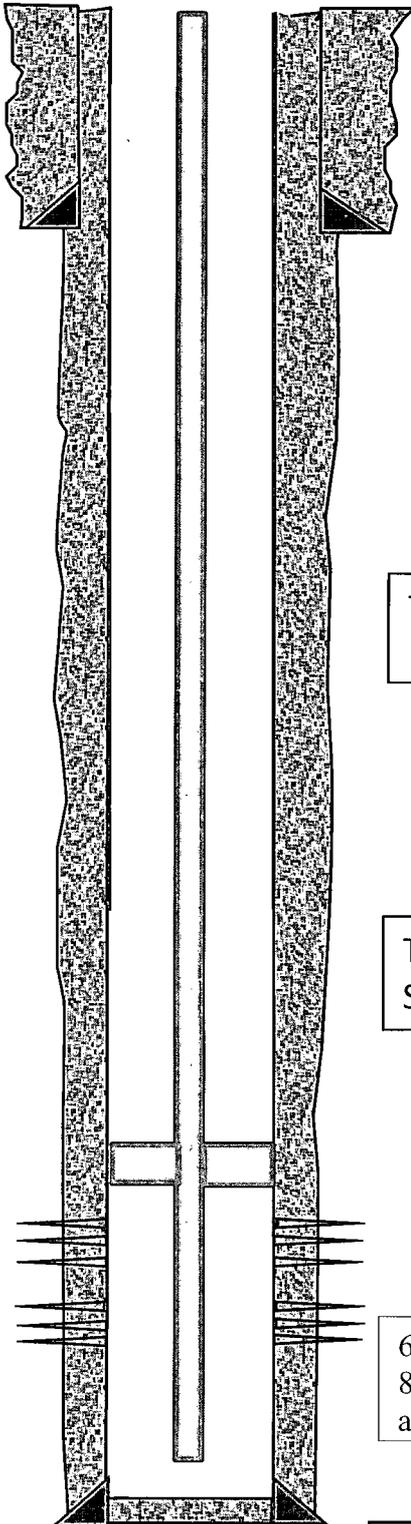
MKR Jt
3571'

Hole Size
=7-7/8"

6/13: Perf Grayburg stage I @ 3792-3806; 3825-35; 3842-47; 3877-81; 3889-95 w/ 2 jspf (78 holes). Acidized w/ 3000 gal 15% NEFE acid.

Production Casing
5-1/2" 17# J-55 @ 4031' w/ 679 sxs to surface

PBTD = 3991'
TD = 4031' MD
TD = 4031' TVD



GL=3619'
KB=3630'
Spud: 5/19/13

Apache Corporation – NMGSAU #392

Wellbore Diagram – Current Status

Date : 4/28/2014

API: 30-025-41045

Surface Location

R. Taylor



1190' FSL & 2420' FEL, Unit O
Sec 30, T19S, R37E, Lea County, NM

Surface Casing

8-5/8" 24# J-55 @ 1248' w/ 356 sxs to surface

Directional Hole

TOC @ 65'

TAC @ TBD'
SN @ TBD'

MKR Jt
3571'

TBD: Perf Grayburg stage II @ 3615-24; 3654-64; 3712-17; 3732-46
w/ 2 jspf (76 holes). Acidized w/ 3000 gal 15% NEFE acid.

6/13: Perf Grayburg stage I @ 3792-3806; 3825-35; 3842-47; 3877-81; 3889-95 w/ 2 jspf (78 holes). Acidized w/ 3000 gal 15% NEFE acid.

TBD: Acidize w/ 2000 gal 15% NEFE w/ sonic hammer

Hole Size
=7-7/8"

Production Casing

5-1/2" 17# J-55 @ 4031' w/ 679 sxs to surface

PBTD = 3991'
TD = 4031' MD
TD = 4031' TVD

