

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. 30-025-05665
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name North Monument G/SA Unit
8. Well Number 013
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 M : 660 feet from the South line and 660 feet from the West line
Section 20 Township 19S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3633 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.

Apache would like to perform the following work:

Objective: Isolate lower Grayburg and add perforations in middle and upper Grayburg

Procedure:

1. POOH with ESP
2. Set CIBP @ 3,780'
3. Pressure test casing to 500 psi
4. Perforate with slick gun (4 spf 60° phasing, large diameter hole, deep penetrating charges): • 3,712-22' • 3,750-60' • 3,765-75'
5. Pick up packer
6. Test tbq to 80% and set pkr @ 3,680'
7. Pressure up to 450 psi in the annulus
8. Acidize formation with 2,500 gallons of 15% NEFE and use balls for diverter
9. Knock off the balls and swab test the formation for 4 days
10. Shoot fluid levels every day and determine static and pumping fluid levels. Determine if a rod pump or ESP is required.
11. Install appropriate lift equipment and return well to production

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 Isabel Hudson TITLE Regulatory Analyst DATE 10/20/2016

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

APPROVED BY: Mary Brown TITLE Dist Supervisor DATE 11/16/2016
Conditions of Approval (if any):



October 20, 2016

NMGSAU # 613

API # 30-025-05665

Lea County, NM

Production Casing: 7" 24# Set @ 3,800'

Producing Interval: **OH – 3,800-850'**

Objective: Isolate lower Grayburg and add perforations in middle and upper Grayburg

Procedure:

1. POOH with ESP
2. Set CIBP @ 3,780'
3. Pressure test casing to 500 psi
4. Perforate with slick gun (4 spf 60° phasing, large diameter hole, deep penetrating charges):
 - 3,712-22'
 - 3,750-60'
 - 3,765-75'
5. Pick up packer
6. Test tbg to 80% and set pkr @ 3,680'
7. Pressure up to 450 psi in the annulus
8. Acidize formation with 2,500 gallons of 15% NEFE and use balls for diverter
9. Knock off the balls and swab test the formation for 4 days
10. Shoot fluid levels every day and determine static and pumping fluid levels. Determine if a rod pump or ESP is required.
11. Install appropriate lift equipment and return well to production

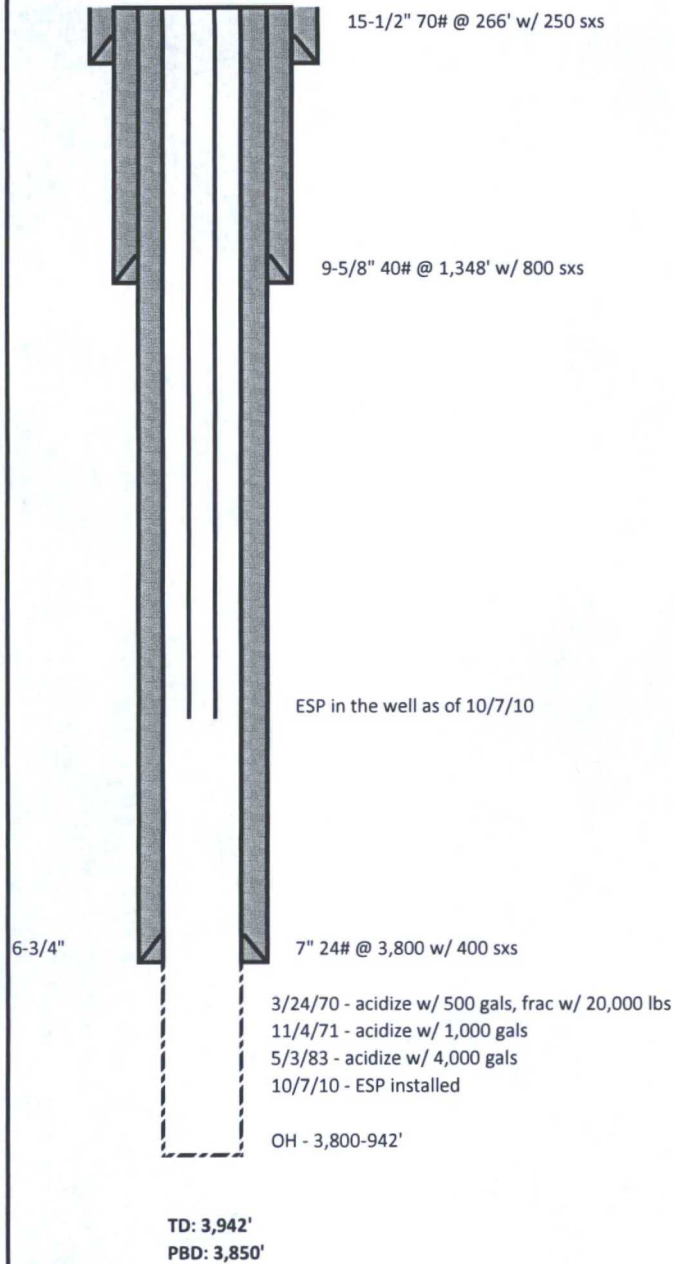
Apache Corp.

FIELD: Eunice Monument
LEASE/UNIT: NMGSAU
COUNTY: Lea
API: 30-025-05665

DATE: Oct. 20, 2016
BY: MM
WELL: 613
STATE: New Mexico

Spud Date: 4/6/1936
Completion Date: 5/13/1936
Conv. To Injection Date: NA
M-20-19S-37E, 660 FSL, 660 FWL

KB = 3,637'



NOTE: wellbore diagram not to scale