

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 88203
District III - (505) 476-3460
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

WELL API NO. 30-025-04141
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
8. Well Number 006
9. OGRID Number 873
10. Pool name or Wildcat Eunice Monument; Grayburg-San Andres

SUBMIT 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"/>	
2. Name of Operator Apache Corporation	
3. Address of Operator 303 Veterans Airpark Lane, Suite 1000 Midland, TX 79705	
4. Well Location Unit Letter <u>F</u> : 1980 feet from the <u>N</u> line and 1980 feet from the <u>W</u> line Section <u>01</u> Township <u>20S</u> Range <u>36E</u> NMPM County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3570	

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 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 drill out plugs @3375 and 3670 and add perfs in the grayburg @3643-3785 and acidize and RTP

I have attached proposed and current wellbore diagrams with procedures

Spud Date:

5/23/36

Rig Release Date:

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

SIGNATURE

Alicia Fulton

TITLE Sr. Staff Reg Analyst

DATE 9/23/19

Type or print name Alicia Fulton

E-mail address: alicia.fulton@apachecorp.com

PHONE: (432) 818-1088

For State Use Only

APPROVED BY:

Kerry Forth

TITLE C.O. A

DATE 10-25-19

Conditions of Approval (if any):

September 20th, 2019

NMGSAU #006

API # 30-025-04141

Lea County, NM

Production Casing: 6-5/8" 20#

Intermediate Casing: 8-5/8" 29#

Surface Casing: 12-1/2" 40#

Objective: Drill out CIBPs and cement, perf Grayburg, Acidize, RTP

Procedure:

1. MIRU WO Unit
2. RIH and DO cement and CIBPs
3. Complete cleanout run to TOC @ ~3,790'
4. POOH
5. RU WL and perf the following intervals @ 2 SPF with 3 1/8" TAG w/ SDP Charges
 - a. 3643-46', 3652-56', 3662-71', 3681-97'; 3705-15', 3725-31', 3738-54', 3757-64', 3773-85'
1. RD WL, RIH and set packer at ~3,600'
2. Acidize Grayburg with 5,000 gals 15% HCL and 150 ball sealers
3. Release packer, POOH, LD workstring
4. RIH with tubing, RIH with rods and pump, RD WO Unit
5. Set pumping unit, POP

GL=3570'
KB=3581'
Spud: 5/25/36

Apache Corporation – NMGSAU #006

Wellbore Diagram – Current Status

Date : 1/14/14

API: 30-025-04141

Surface Location

R. Taylor



1980' FNL & 1980' FWL,
Sec 1, T20S, R36E, Lea County, NM

Surface Casing

12-1/2" 40# @ 229' w/ 150 sxs to surface

8/54: HIC. Casing pulled and replaced from 1776-surface.

Intermediate Casing

8-5/8" 29# @ 2390' w/ 800 sxs

11/53: Perf Seven-rivers Queen @ 3070-3200, 3215-25; 3355-3415. Acidized w/ 1500 gal 15% J acid. Dual completion
7/57: SQZ'd w/ 300 sxs cmt.

3/15: Set CIBP @ 3375' w/ 35' cmt. Circ w/ 135 bbls pkr fluid. Well TA'd.

1/75: Perf @ 3460-66; 3470-78; 3492-95; 3507-40; 3552-57; 3580-90; 3600-15 w/ 2 jspf. Acidized w/ 1000 gal 15% acid.

1/75: CIBP @ 3670 w/ 5 sxs. ETC @ 3635'

6/61: Perf 3704-14 (20 holes). Frac'd w/ 5k gal oil & 5k# snd

3/61: Perf @ 3685-95 w/ 2 jspf. SQZ'd w/ 50 sxs cmt. Re-perf 3685-95 w/ 2 jspf. Acidized w/ 250 gal 15%. Frac'd w/ 5k gal oil & 5k# 20/40 snd.
6/61: SQZ'd w/ 75 sxs latex cmt.

10/58: Perf @ 3726-56 (120 holes).
3/61: SQZ'd w/ 50 sxs

11/53: Perf 3776-90. Acidized w/ 500 gal acid.
7/57: SQZ'd w/ 75 sxs diesel-oil cmt. Acidized w/ 250 gal 15%
10/58: SQZ'd w/ 100 sxs latex cmt.

Production Casing

6-5/8" 20# @ 3,790' w/ 170 sxs

7/36: OH from 3790-3910 natural completion
11/53: PB to 3790 to shut-off water

Hole Size
=17-1/2"

Hole Size
=11"

TA'd in 72'
RA in 75'

Hole Size
=7-7/8"

Hole Size
=5-5/8"

PBTD = 3,670'
TD = 3,910'

GL=3570'
KB=3581'
Spud: 5/25/36

Apache Corporation – NMGSAU #006

Wellbore Diagram – Proposed Status

Date : 9/20/19

API: 30-025-04141

Surface Location

S. Moody



1980' FNL & 1980' FWL,
Sec 1, T20S, R36E, Lea County, NM

Surface Casing

12-1/2" 40# @ 229' w/ 150 sxs to surface

8/54: HIC. Casing pulled and replaced from 1776-surface.

Intermediate Casing

8-5/8" 29# @ 2390' w/ 800 sxs

TAC @ TBD'
SN @ TBD'

11/53: Perf Seven-rivers Queen @ 3070-3200, 3215-25; 3355-3415. Acidized w/ 1500 gal 15% J acid. Dual completion
7/57: SQZ'd w/ 300 sxs cmt.

1/75: Perf @ 3460-66; 3470-78; 3492-95; 3507-40; 3552-57; 3580-90; 3600-15 w/ 2 jspf. Acidized w/ 1000 gal 15% acid.

TBD: Perf @ 3643-46; 3652-56; 3662-71; 3681-97; 3705-15; 3725-31; 3738-54; 3757-64; 3773-85 w/ 2 jspf (166 holes). Acidize w/ 5000 gal 15% NEFE w/ sonic hammer.

6/61: Perf 3704-14 (20 holes). Frac'd w/ 5k gal oil & 5k# snd

3/61: Perf @ 3685-95 w/ 2 jspf. SQZ'd w/ 50 sxs cmt. Re-perf 3685-95 w/ 2 jspf. Acidized w/ 250 gal 15%. Frac'd w/ 5k gal oil & 5k# 20/40 snd.
6/61: SQZ'd w/ 75 sxs latex cmt.

10/58: Perf @ 3726-56 (120 holes).
3/61: SQZ'd w/ 50 sxs

11/53: Perf 3776-90. Acidized w/ 500 gal acid.
7/57: SQZ'd w/ 75 sxs diesel-oil cmt. Acidized w/ 250 gal 15%
10/58: SQZ'd w/ 100 sxs latex cmt.

Production Casing

6-5/8" 20# @ 3,790' w/ 170 sxs

7/36: OH from 3790-3910 natural completion
11/53: PB to 3790 to shut-off water

Hole Size
=17-1/2"

Hole Size
=11"

TA'd in 72'
RA in 75'

Hole Size
=7-7/8"

Hole Size
=5-5/8"

PBTD = 3,670'
TD = 3,910'