

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

HOBBES OCU  
OCT 07 2013

WELL API NO. 30-025-31586
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B0-1431-0027
7. Lease Name or Unit Agreement Name North Monument G/SA Unit (302708)
8. Well Number 019
9. OGRID Number 873
10. Pool name or Wildcat Eunice Monument; G - SA (23000)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 3000 Midland, TX 79705	
4. Well Location Unit Letter C : 1295 feet from the North line and 2560 feet from the West line Section 25 Township 19S Range 36E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3676' 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 checked="" type="checkbox"/>			
OTHER: Workover <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 CIBP, perforate the lower Grayburg, and acidize per the attached procedure.

Spud Date:

10/18/1992

Rig Release Date:

11/02/1992

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

SIGNATURE

TITLE Regulatory Tech II

DATE 10/04/2013

Type or print name Fatima Vasquez

E-mail address: Fatima.Vasquez@apachecorp.com

PHONE: (432) 818-1015

**For State Use Only**

APPROVED BY:

TITLE

Petroleum Engineer

DATE

OCT 08 2013

Conditions of Approval (if any):

OCT 08 2013

NMGSAU #919

API # 30-025-31586

Sec 25, T19S, R36E

Elevation: 3687' KB, 3676' GL

TD: 4,500'

PBTD: 4,090'

Casing Record: 13-3/8" 48# @ 435' w/ 500 sxs to surface  
9-5/8" 36# @ 3774' w/ 1570 sxs to surface  
7" 20 & 26# K-55 @ 4,060' w/ 225 sxs

Perfs: Grayburg: 3910-17; 40-54; 62-68; 81-86; 3996-4000; 4006-14; 20-37; 40-46 w/ 2 jspf (148 holes).  
Grayburg: 4056-73 w/ 2 jspf (35 holes)  
Grayburg: 4098-4116 w/ 2 jspf (37 holes) SQZ'd

Objective: Drill out CIBP, add perforations and acidize the Grayburg. RTP

AFE: PA-13-4457

1. MIRU unit. Check pressure on well.
2. ND WH. NU BOP. Rack 2-7/8" J-55 tubing to be used as work string and production string.
3. PU and RIH w/ 6-1/4" bit, bit sub on WS to CIBP @ 3,905'.
4. RU reverse unit. Break circulation and DO/push CIBP to CICR @ 4,090'. Circulate hole clean. POOH.
5. MIRU WL. RIH w/ perforator and perforate the LWR Grayburg at 4,073'-84' w/ 2 jspf 120° phasing (22 holes). TOH w/ perf guns. **Correlate to Schlumberger Compensated Neutron Litho-Density Gamma Ray log dated 10/31/1992.** RDMO WL.
6. TIH w/ SN and PKR assembly. Set PKR above perfs at  $\pm$  3,860'. Test backside to 500 psi.
7. MIRU acid services. Acidize the Grayburg (3,910-4,073) down the tubing with 5,000 gallons 15% NEFE w/ additives dropping XX lbs of rock salt to divert evenly spaced throughout the job as a max rate but do not exceed 5,000 psi surface treating pressure. Displace to bottom perf with 32 bbls of flush. Release PKR and wash to PBTD. TOH and set PKR at 3,860'.
8. RU swab equipment and recover load and swab test for fluid entry and oil cut. Report results to Midland. RD swab equipment.
9. Kill well if necessary. TOH w/ PKR and WS.
  - a. If LWR Grayburg is productive, continue to step 10
  - b. If LWR Grayburg is unproductive, TIH and set CIBP @ 3,860' w/ 3 sxs cement on top and prepare the well for plugging and abandonment. RDMOPU.
10. RIH w/ 2-7/8" J-55 production tubing and rods as per the Monument office specification
11. RDMOPU. Set PU. Space out. Return well to production and place into test for 10 days.

GL=3676'  
KB=3687'  
Spud: 10/18/92

## Apache Corporation – NMGSAU #919

### Wellbore Diagram – Current Status

Date : 9/3/13

API: 30-025-31586

#### Surface Location

R. Taylor



1295' FNL & 2560' FWL, Unit C  
Sec 25, T19S, R36E, Lea County, NM

#### Surface Casing

13-3/8" 48# @ 435' w/ 500 sx to surface

#### Intermediate Casing

9-5/8" 36# @ 3774' w/ 1570 sx to surface

TA Status Expires on 11/21/2013

3/02: CIBP set @ 3905'. Well TA'd

4/93: Perf Grayburg 3910-17; 3940-54; 3962-68; 3981-86; 3996-4000;  
4006-14; 4020-37; 4040-46 w/ 2 jspf (148 holes). Acidized w/ 5000 gal  
15% NEFE.

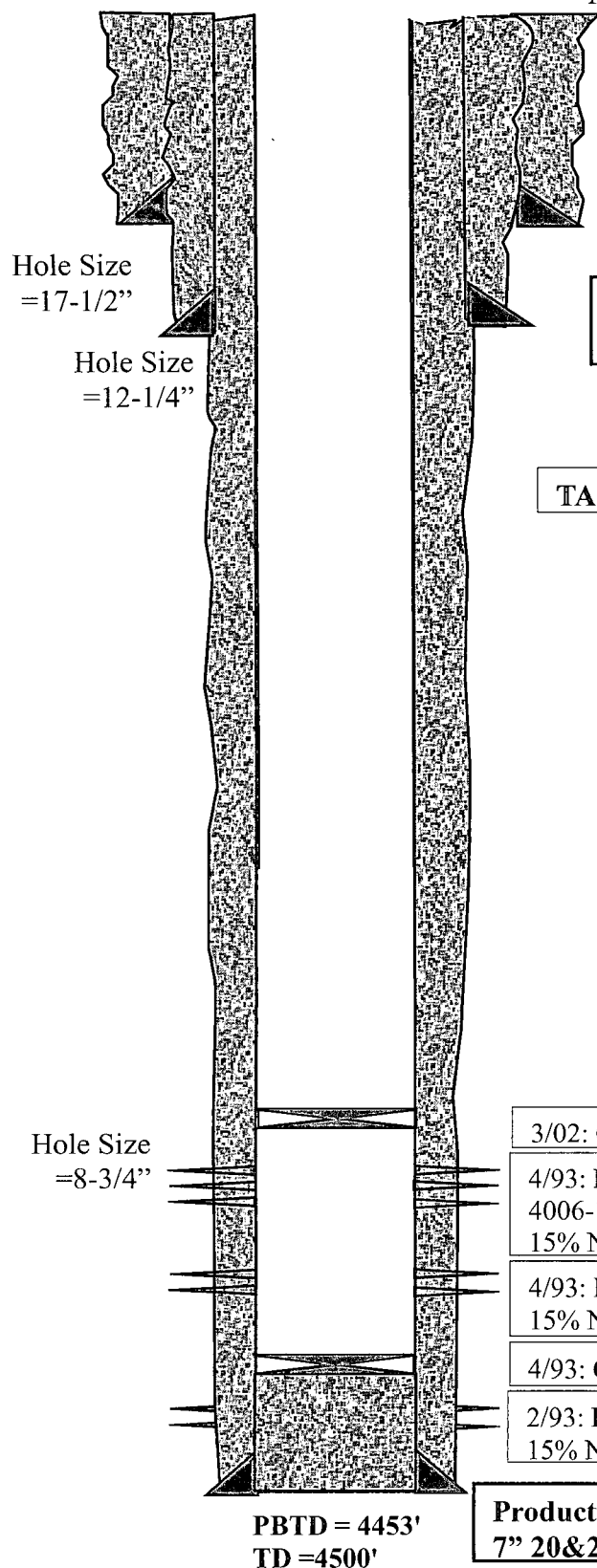
4/93: Perf Grayburg 4056-4073 w/ 2 jspf (35 holes). Acidized w/ 1300 gal  
15% NEFE.

4/93: CICR set @ 4090'. SQZ'd w/ 114 sxs cmt

2/93: Perf Grayburg 4098-4116 w/ 2 jspf (37 holes). Acidized w/ 1100 gal  
15% NEFE.

#### Production Casing

7" 20&26# K-55 @ 4499' w/ 225 sxs



GL=3676'  
KB=3687'  
Spud: 10/18/92

## Apache Corporation – NMGSAU #919

### Wellbore Diagram – Proposed Status

Date : 9/23/13

API: 30-025-31586

#### Surface Location

R. Taylor



1295' FNL & 2560' FWL, Unit C  
Sec 25, T19S, R36E, Lea County, NM

#### Surface Casing

13-3/8" 48# @ 435' w/ 500 sx to surface

#### Intermediate Casing

9-5/8" 36# @ 3774' w/ 1570 sx to surface

TAC @ TBD'

SN @ TBD'

TBD: Acidize Grayburg from 3910-4084 w/ 5000 gallons 15% NEFE

4/93: Perf Grayburg 3910-17; 3940-54; 3962-68; 3981-86; 3996-4000; 4006-14; 4020-37; 4040-46 w/ 2 jspf (148 holes). Acidized w/ 5000 gal 15% NEFE.

4/93: Perf Grayburg 4056-4073 w/ 2 jspf (35 holes). Acidized w/ 1300 gal 15% NEFE.

TBD: Perf Grayburg 4073-84.

4/93: CICR set @ 4090'. SQZ'd w/ 114 sxs cmt

2/93: Perf Grayburg 4098-4116 w/ 2 jspf (37 holes). Acidized w/ 1100 gal 15% NEFE.

#### Production Casing

7" 20&26# K-55 @ 4499' w/ 225 sxs

