

Submit 1 Copy To Appropriate District Office

State of New Mexico

Form C-103

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

HOBBS CO
JUL 05 2016
RECEIVED

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised July 18, 2013

| |
|---|
| WELL API NO. 30-025-36366 |
| 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 Northeast Drinkard Unit (NEDU) / 22503 |
| 8. Well Number 418 |
| 9. OGRID Number 873 |
| 10. Pool name or Wildcat Eunice; B-T-D, North (22900) |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3462' 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 1000 Midland, TX 79705

4. Well Location
Unit Letter D : 1250 feet from the North line and 150 feet from the West line
Section 10 Township 21S 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 add pay and acidize, per the attached procedure.

Spud Date: 9/29/2003

Rig Release Date: 10/2/2003

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

SIGNATURE Reesa Fisher TITLE Sr. Staff Reg Analyst DATE 6/29/2016

Type or print name Reesa Fisher E-mail address: Reesa.Fisher@apachecorp.com PHONE: (432) 818-1062

For State Use Only

APPROVED BY: Maley Brown TITLE Dist. Supervisor DATE 7/11/2014
Conditions of Approval (if any)

NEDU 418 (API: 30-025-36366)

Summary: Clean out, add pay, and acid stimulate Blinebry, Tubb, Drinkard.

Day 1/2: MIRU. NU HBOP. POOH w/pump and rods. TFF. Scan out of hole w/ 2-7/8" tubing.

If fill or heavy scale is identified:

PU and RIH w/bit and drill collars on 2-7/8" work string.

If negligible fill:

PU and RIH w/bit and scraper on 2-7/8" work string.

Day 3 (FILL): RU and break circulation with foam nitrogen unit. Clean out well to PBTD. Circulate clean. POOH and LD bit and drill collars.

Day 3 (OTHER): RIH w/bit and scraper to PBTD. POOH and LD bit and scraper.

Day 4: MIRU WL. RIH and perforate the Blinebry and Drinkard as per the attached sheet w/ 3-1/8" slick guns loaded w/ TAG charges (or similar) @ 1 SPF, 180 deg phasing (total 85 ft, 85 shots), POOH

RIH w/ 2-7/8" work string, treating packer, and RBP. Set RBP at +/- 6,750'. Set packer at +/- 6,650'. Acidize the Drinkard formation down 2-7/8" work string w/3,000 gal of 15% HCl acid w/additives, Baker scale inhibitor, and rock salt @ +/- 10 BPM (max pressure = 7,000 psia). Release packer. Wash out salt.

Retrieve RBP and PUH to 6,640'. Set RBP at +/- 6,640'. Set packer at +/- 6,450. Acidize the Tubb formation down 2-7/8" work string w/3,000 gal of 15% HCl acid w/additives, Baker scale inhibitor, and rock salt @ +/- 10 BPM (max pressure = 7,000 psia). Release packer. Wash out salt.

Retrieve RBP and PUH to 6,450'. Set RBP at +/- 6,450'. Set packer at +/- 6,100. Acidize the Tubb formation down 2-7/8" work string w/3,000 gal of 15% HCl acid w/additives, Baker scale inhibitor, and rock salt @ +/- 10 BPM (max pressure = 7,000 psia). Release packer. Wash out salt.

Retrieve RBP and PUH to 5,910'. Set RBP at +/- 5,910'. Set packer at +/- 5,600. Acidize the Blinebry formation down 2-7/8" work string w/5,000 gal of 15% HCl acid w/additives, Baker scale inhibitor, and rock salt @ +/- 10 BPM (max pressure = 7,000 psia). Release packer. Wash out salt.

Retrieve RBP. POOH w/ 2-7/8" work string, packer, and RBP. LD 2-7/8" work string.

Day 5: RIH w/ 2-7/8" tubing and SN to +/- 6,710'. Swab well for approximately 4 hours to flow back any scale and/or insoluble iron. RIH w/ pump and modified rod string. Place well on production. RDMO.

Proposed Perforations

| NEDU 418 Proposed Perforations | | | | | |
|--|------|--------|------|-----|-------|
| Guns: 3-1/8" slick guns w/ TAG Charges | | | | | |
| Zone | Top | Bottom | Feet | SPF | Shots |
| Blinebry | 5627 | 5633 | 7 | 1 | 7 |
| Blinebry | 5640 | 5650 | 11 | 1 | 11 |
| Blinebry | 5657 | 5662 | 6 | 1 | 6 |
| Blinebry | 5678 | 5680 | 3 | 1 | 3 |
| Blinebry | 5718 | 5722 | 5 | 1 | 5 |
| Blinebry | 5728 | 5732 | 5 | 1 | 5 |
| Blinebry | 5752 | 5756 | 5 | 1 | 5 |
| Blinebry | 5805 | 5808 | 4 | 1 | 4 |
| Blinebry | 5812 | 5815 | 4 | 1 | 4 |
| Drinkard | 6500 | 6505 | 6 | 1 | 6 |
| Drinkard | 6517 | 6520 | 4 | 1 | 4 |
| Drinkard | 6555 | 6560 | 6 | 1 | 6 |
| Drinkard | 6680 | 6684 | 5 | 1 | 5 |
| Drinkard | 6706 | 6713 | 8 | 1 | 8 |
| Drinkard | 6720 | 6725 | 6 | 1 | 6 |
| Total | | | 85 | | 85 |



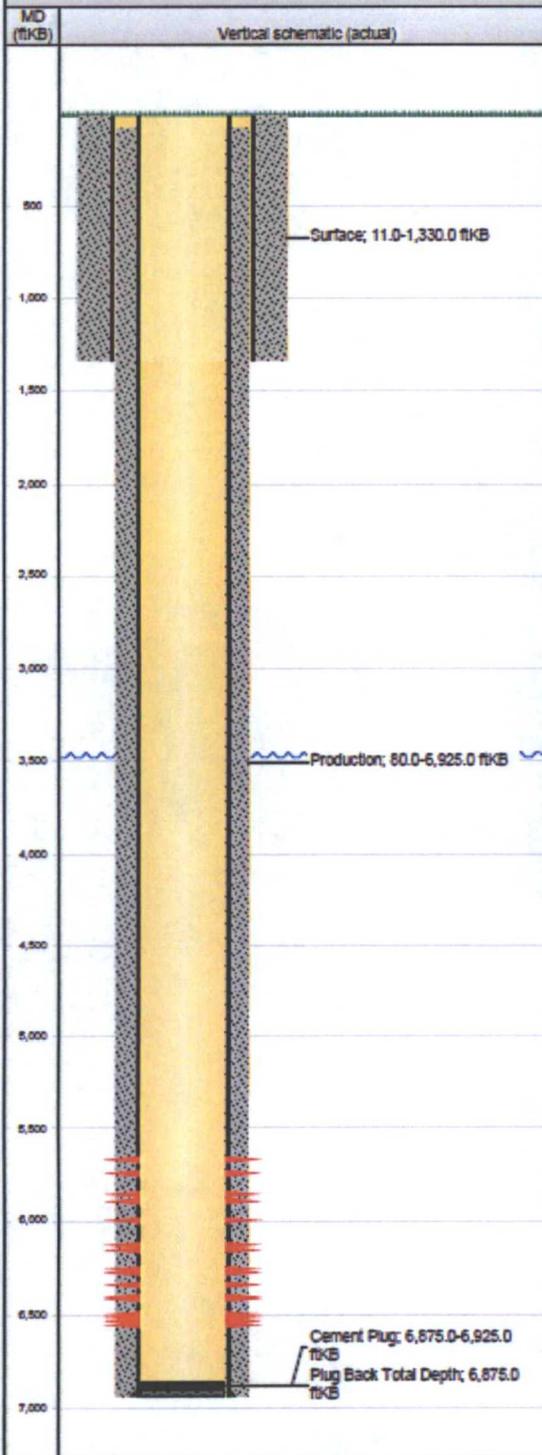
Downhole Well Profile

Well Name: **NEDU 418**

Reference Datum: **KB**

| | | | | | |
|--|--|---------------------------------------|----------------------------------|---------------------------------|------------------------------|
| API/UVI 3002536366 | Surface Legal Location 1290' P.M., 150' P.M., Unit 0, Sec 10, T-2 | Field Name EUNICE (NORTH) BTD | License # | State/Province NEW MEXICO | Well Purpose PUD |
| Spud Date 9/29/2003 11:30 | Original Drilling Rig Release 10/11/2003 03:00 | Original KB Elevation (ft) 3,472.0 | Ground Elevation (ft) 3,462.0 | KB-Ground Distance (ft) 10.0 | Casing Flange Elevation (ft) |
| PBD (AJ) (ftKB) Original Hole - 6,875 | | | Total Depth All (TVD) (ftKB) | | |

PUD - NORTHEAST DRINKARD UNIT 418 - Original Hole, 6/27/2016 10:2...



| Casing Strings | | | | |
|----------------|---------|----------------|-------|------------------|
| Csg Des | OD (in) | Wt/Len (lb/ft) | Grade | Set Depth (ftKB) |
| Surface | 8 5/8 | 24.00 | J-55 | 1,330.0 |
| Prod 1 | 5 1/2 | 17.00 | J-55 | 6,925.0 |

| Tubing Strings | | | | | | |
|--------------------|----------|--------------------|------------------|----------|-----|------|
| Tubing Description | Run Date | String Length (ft) | Set Depth (ftKB) | Item Des | Jts | Make |
| | | | | | | |

| Rod Strings | | | | | | |
|-----------------|----------|--------------------|------------------|----------|-----|------|
| Rod Description | Run Date | String Length (ft) | Set Depth (ftKB) | Item Des | Jts | Make |
| | | | | | | |

| Other In Hole | | | |
|---------------|---------|------------|----------|
| Description | OD (in) | Top (ftKB) | Run Date |
| | | | |

| Perforations | | | | | | |
|--------------|----------|------------|------------|-------|----------------------|--------------------|
| Date | Type | Top (ftKB) | Btm (ftKB) | Prop? | Shot Dens (shots/ft) | Entered Shot Total |
| 11/21/2003 | Blinebry | 5,668 | 5,673 | No | 1.0 | 6 |
| 11/21/2003 | Blinebry | 5,737 | 5,742 | No | 1.0 | 6 |
| 11/21/2003 | Blinebry | 5,856 | 5,861 | No | 1.0 | 6 |
| 11/21/2003 | Blinebry | 5,888 | 5,993 | No | 1.0 | 6 |
| 11/10/2003 | Tubb | 6,120 | 6,128 | No | 1.0 | 7 |
| 11/10/2003 | Tubb | 6,145 | 6,148 | No | 1.0 | 4 |
| 11/10/2003 | Tubb | 6,249 | 6,251 | No | 1.0 | 3 |
| 11/10/2003 | Tubb | 6,274 | 6,278 | No | 1.0 | 5 |
| 11/10/2003 | Tubb | 6,339 | 6,342 | No | 1.0 | 4 |
| 11/10/2003 | Tubb | 6,400 | 6,402 | No | 1.0 | 3 |
| 11/10/2003 | Tubb | 6,409 | 6,411 | No | 1.0 | 3 |
| 10/14/2003 | Drinkard | 6,489 | 6,491 | No | 2.0 | 6 |
| 10/14/2003 | Drinkard | 6,509 | 6,513 | No | 2.0 | 10 |
| 10/14/2003 | Drinkard | 6,529 | 6,535 | No | 2.0 | 14 |
| 10/14/2003 | Drinkard | 6,545 | 6,549 | No | 2.0 | 10 |

| Plug Back Total Depths | | | |
|------------------------|-------------|--------------|--------------------|
| Date | Type | Depth (ftKB) | Depth (TVD) (ftKB) |
| 10/14/2003 | Cement Plug | 6,875 | |