

**NM OIL CONSERVATION**

Office ARTESIA DISTRICT  
District I - (575) 393-6161  
1625 N. First St., Artesia, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Blvd., Santa Fe, 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.<br>30-015-31423  |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.  |
| 7. Lease Name or Unit Agreement Name<br>D STATE   |
| 8. Well Number #007   |
| 9. OGRID Number<br>873  |
| 10. Pool name or Wildcat<br>[96830] ARTESIA; GLORIETA-YESO (O)                                      |

**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 C : 430 feet from the NORTH line and 2310 feet from the WEST line  
Section 35 Township 17S Range 28E NMPM County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3682 gl

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

|  |   |  |  |
|--|---|--|--|
| <b>NOTICE OF INTENTION TO:</b>                     |   | <b>SUBSEQUENT REPORT OF:</b>                     |  |
| 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: TA WELL <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 completed the following work:

Producing Interval 3832'-4233

Objective: TA well. The well does not meet acceptable economic hurdles. We are actively exploring feasibility of re-pressuring for water flood purposes. This evaluation involves extensive geology and engineering review of the entire unit. Without the proper geological analysis, we stand a chance to lose valuable resources by prematurely plugging the well at this time.

See attached Procedures & WBD

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

AUG 28 2017

Spud Date:

01/23/2001

Rig Release Date:

RECEIVED

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

SIGNATURE Emily Follis TITLE Reg Analyst DATE 08/24/17

Type or print name Emily Follis E-mail address: Emily.follis@apachecorp.com PHONE: (432) 818-1801

**For State Use Only**

APPROVED BY: Richard Ingle TITLE COMPLIANCE OFFICER DATE 8/29/17

Conditions of Approval (if any):



NM OIL CONSERVATION  
ARTESIA DISTRICT

AUG 28 2017

LOE

**Well name:** D State 7  
**API Number:** 30-015-31423  
**County, State:** Eddy, NM  
**Legals:** SEC-35 TWP-17S RGE-28E

RECEIVED

**Depths:** 4400 MD 4380 PBTB  
**Producing Interval** 3832'-4233'

| CSG        | OD     | Wt/Ft | Cap (bbl/ft) | Top | Set @ |
|------------|--------|-------|--------------|-----|-------|
| Surface    | 8.625" | 24.0# | 0.0636       | 0'  | 515   |
| Production | 5.500" | 15.5# | 0.0238       | 0'  | 4399  |

|                           |                |                  |  |
|---------------------------|----------------|------------------|--|
| <b>Engineer:</b>          | David Cummings | 432-818-1845 (o) | <a href="mailto:davidr.cummings@apachecorp.com">davidr.cummings@apachecorp.com</a> |
| <b>Assistant Foreman:</b> | David Pedroza  | 575-910-3283 (c) | <a href="mailto:david.pedroza@apachecorp.com">david.pedroza@apachecorp.com</a>     |
| <b>Production Foreman</b> | Javier Berdoza | 575-441-5755 (c) | <a href="mailto:javier.berdoza@apachecorp.com">javier.berdoza@apachecorp.com</a>   |

What's New:

- 1) Lay down rods and tubing for inspection
- 2) Set CIBP, cap w/ cement, and test casing integrity
- 3) TA well

WELL HISTORY

The well has failed due to suspected HIT. Last repair occurred 3/2010. Most recent well test yielded 1 BOPD, 2 BWPD, 3 MCFD.

WORKOVER SUMMARY:

TA well. Based on current commodity prices, the well does not meet acceptable economic hurdles. We are actively exploring feasibility of re-pressuring for water flood purposes. This evaluation involves extensive geology and engineering review of the entire unit. Without the proper geological analysis, we stand a chance to lose valuable resources by prematurely plugging the well at this time.

PROCEDURE:

1. POOH w/ rods and pump while laying down, TOOH w/ tubing and BHA
2. MIRU wireline, RIH w/ gauge ring, POOH, RIH w/ CIBP, set @ 3780' (top of perms 3832'), POOH
3. RIH w/ dump bailer and spot 4 sxs (35') of cement on top of CIBP, POOH, RDMO
4. TIH w/ tubing, load hole, pressure to test to 500 psi, hold 30 mins
5. Circulate hole w/ packer fluid and biocide, TOOH w/ tubing while scanning
6. TA well

*CONTACT RECHARD if needed TO WITNESS TEST*

AUG 28 2017

RECEIVED

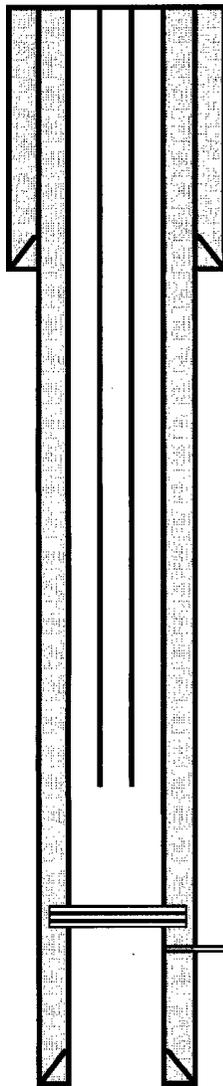
Apache Corp.  
Proposed

FIELD: Artesia  
LEASE/UNIT: D State #7  
COUNTY: Eddy  
API: 30-015-31423

DATE: Aug. 23, 2017  
BY: Dave Cummings  
WELL: D State #7  
STATE: New Mexico

Spud Date: 1/23/2001  
Completion Date: 2/15/2001  
Conv. To Injection Date:  
35-17S-28E, 430 FNL, 2310 FWL

KB Elevation = 3,682'  
GL Elevation = 3,662'  
KB = 20'



8-5/8" 24# @ 515' w/ 450 sxs

|        |                     |            |
|--------|---------------------|------------|
| 1.32   | ft <sup>3</sup> /sx | Class C    |
| 0.18   | bbl/ft <sup>3</sup> | Constant   |
| 0.0238 | bbl/ft              | 5-1/2" 17# |
| 9.98   | ft/sx               |            |

CIBP 3780' w/ 4 sxs of cement (35')

3832'-4233' Acidized with 2,000 gallons of 15%

5-1/2" 17# @ 4399' w/ 840 sxs

TD 4400  
PBSD 4380

NOTE: wellbore diagram not to scale

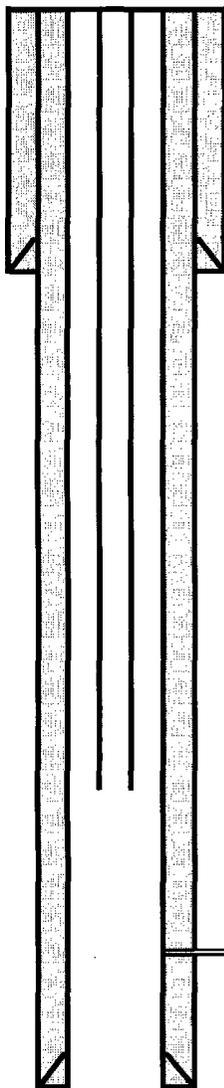
Apache Corp.  
Current

FIELD: Artesia  
LEASE/UNIT: D State #7  
COUNTY: Eddy  
API: 30-015-31423

DATE: Aug. 23, 2017  
BY: Dave Cummings  
WELL: D State #7  
STATE: New Mexico

Spud Date: 1/23/2001  
Completion Date: 2/15/2001  
Conv. To Injection Date:  
35-17S-28E, 430 FNL, 2310 FWL

KB Elevation = 3,682'  
GL Elevation = 3,662'  
KB = 20'



8-5/8" 24# @ 515' w/ 450 sxs

3832'-4233'

Acidized with 2,000 gallons of 15%

5-1/2" 17# @ 4399' w/ 840 sxs

TD 4400  
PBD 4380

NOTE: wellbore diagram not to scale