

Submit 3 Copies To Appropriate District

Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

June 19, 2008

NOBBS OGD  
MAY 30 2012  
RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-39637

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

DC Hardy

8. Well Number 011

9. OGRID Number

873

10. Pool name or Wildcat

Tubb O&G (Oil) / Drinkard / Wantz; Abo

# 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 3000 Midland, TX 79705

4. Well Location

Unit Letter P : 1310 feet from the South line and 1250 feet from the East line

Section 20 Township 21S Range 37E NMPM County Lea

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

3489' GL

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

### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☐

OTHER: ADD ABO PAY

☒

### SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER:

☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache intends to add Abo pay and RTP, per the attached procedure.

Spud Date:

01/28/2010

Rig Release Date:

02/07/2010

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

SIGNATURE

*Reesa Holland*

TITLE Sr. Staff Engr Tech

DATE 05/29/2012

Type or print name Reesa Holland

E-mail address: Reesa.Holland@apachecorp.com

PHONE: 432/818-1062

For State Use Only

APPROVED BY:

*[Signature]*

TITLE

PETROLEUM ENGINEER

DATE

MAY 30 2012

Conditions of Approval (if any):

MAY 30 2012

✓

AFE No: PA- 12- 3763

**DC Hardy #11**  
API #: 30-025-39637  
2310' FSL & 1250' FEL  
Section 20, Township 21S, Range 37E  
Lea County, New Mexico

**Add Abo Pay & RTP**

**1 May 2012**

**Note: All perf depths are picked from the Weatherford Compensated Photo Density / Compensated Neutron / Spectral Gamma Ray log dated Feb 7, 2010.**

**Recommended Procedure:**

1. MIRU pulling unit. POOH w/pump & rods. Install BOP. POOH w/2-7/8" prod tbg.
2. RU air foam unit. RIH w/4-3/4" bit & 2-7/8" workstring. Drill out cmt & CIBP 6878' – 6910'. Clean out to PBTD @ +/-7450'. POOH.
3. RIH w/bit & csg scraper to 7000'. POOH.
4. MIRU wireline service.
5. Perf (Abo) : 6881', 85', 93', 95', 97', 6903', 05', 08', 21', 23', 25', 27', 30', 41', 47', 53' & 58' w/2 spf, 120 deg phasing. (Total : 34 shots).
6. RIH w/RBP & 5-1/2" treating pkr on 2-7/8" ws. Set RBP @ +/-6975'. Set pkr @ +/- 6800'.
7. Acidize Upper Abo w/10,000 gals 20% HCL acid and ball sealers. Attempt to achieve 8-10 BPM at 6500 psi max surface treating pressure.
8. Release pkr & run through perfs to knock off balls. Reset pkr @ 6800'. Swab back load. Report results to Midland office.
9. If Abo is deemed productive, release pkr & RBP. Re-set RBP @ +/-6800.. POOH w/pkr & ws. Apply for new DHC permit including Abo. RIH w/prod equipment as before until DHC is approved.
10. If Abo is not productive, release pkr & RBP. POOH w/tools and workstring.
11. Set CIBP @ +/-6850' w/35' cmt cap.
12. RIH w/prod equipment as before. RTP Tubb & Drinkard.