

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 August 1, 2011

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

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.)		WELL API NO. 30-015-41009
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Apache Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		7. Lease Name or Unit Agreement Name Washington 34 State SWD
4. Well Location Unit Letter <u>N</u> : 590 feet from the <u>South</u> line and <u>1705</u> feet from the <u>West</u> line Section <u>34</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number <u>002</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3662' GR		9. OGRID Number 873
		10. Pool name or Wildcat SWD; Dev-Fus-Mon-Simp-Ell

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: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Perf Simpson/Ellenberger ☒

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 has done the below so far on the well. Once we receive approval on the amended SWD permit from the Santa Fe OCD office, we will finish completion as per the attached.

04/01/13 MIRUSU. RIH w/ bit & tbg. DO DV tool @ 6992'.

04/02/13 Circ hole clean to PBTD @ 12'633'. Log TOC @ 688'.

04/03/13 Perf Simpson/Ellenberger @ 12,254'-286', 298'-308', 332'-336' w/ 4 SPF, 184 holes. Spot 168 gals 15% HCL NEFE acid. Acidize w/ 6292 gals 15% HCL NEFE acid.

04/04/13 RIH w/ CIBP & set @ 12,210'. Dump 50' cmt on CIBP.

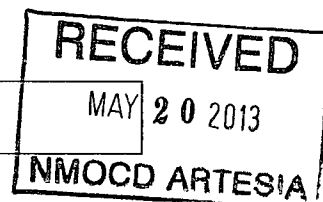
04/05/13 POOH w/ workstring. Waiting on permit to dispose uphole.

Spud Date:

02/24/2013

Rig Release Date:

03/25/2013



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

SIGNATURE

TITLE Regulatory Tech I

DATE 05/09/2013

Type or print name Fatima Vasquez

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

PHONE: (432) 818-1015

For State Use Only

APPROVED BY:

TITLE

DATE

May 24 - 2013

Conditions of Approval (if any):

APACHE CORPORATION

3/26/2013

WASHINGTON STATE 34 #2

30-015-41009

COMPLETION PROCEDURE

Relative Data:

Casing: 7" 26# with +/- 10,552' LTC HCL-80 on Bottom and 2100' L-80 Butt on Top. DV Tool at 6992'

KB = 24 ft (AGL) PBTD = x,xxx' KB TD = 12,652' KB

1. Circ hole clean with 2% Kcl and spot 3000 gals 10% acetic 9150' to 7200'.
2. Rig up lubricator (well will likely want to flow after perforating). Perforate Wolfcamp/Cisco 7402, 16, 32, 43, 62, 74, 82, 88, 7514, 37, 69, 7614, 36, 60, 70, 74, 7700, 13, 17, 46, 50, 59, 70, 87, 7817, 38, 48, 58, 68, 78, 88, 98, 7908, 18, 28, 38, 48, 58, 68, 78, 88, 98, 8013, 25, 43, 50, 62, 78, 93, 8123, 55, 96, 8212, 30, 45, 68, 8300, 20, 50, 72, 8400, 25, 50, 66, 80, 98, 8516, 46, 61, 84, 98, 8619, 40, 79, 8700, 18, 52, 95, 8846, 78, 8912, 49, 9032, 63, 9104 & 36' @ 1SPF (86 holes) 60 degree phasing using a charge that generates a .37 to .42" hole.
3. Acid Frac Wolfcamp/Cisco down 7" casing w/ 20,000 gals 15% HCL NEFE acid at 60 TO 80 bpm not to exceed 5000 psig using 100 BS to divert. If perforations ball out, surge balls and allow to drop. Over flush acid stimulation with 100 Bbl 9ppg cut brine water. Record 5, 10 15 & 30 minute shut in.
4. Run 4 point injectivity test down 7" casing using 9 ppg PPG brine @ 2, 4, 6, 8 & 10 BPM using 50 barrels 10# brine per injection rate point. Not to exceed 5000 psig. Evaluate injectivity. If satisfactory, run injection packer and assembly on 4 1/2" duolined tubing. Space out and set packer at 100' above top Wolfcamp perforation. Load and test annulus with packer fluid to 500 Psig.
5. Run 4 point injectivity test down 4 1/2" tubing using 9 PPG brine @ 2, 4, 6 & 8 BPM using 50 barrels 9# brine per injection rate point. Not to exceed 3000 psig. Evaluate injectivity. Place on injection.