

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  
 Jun 19, 2008

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

WELL API NO. <b>30-045-08934</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. FEE
7. Lease Name or Unit Agreement Name <b>Martin 34</b>
8. Well Number <b>2</b>
9. OGRID Number <b>217817</b>
10. Pool name or Wildcat <b>Basin Dakota</b>

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  
**ConocoPhillips Company**

3. Address of Operator  
 P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location  
 Unit Letter **O** : **990** feet from the **South** line and **1850** feet from the **East** line  
 Section **34** Township **30N** Range **11W** NMPM **San Juan County**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 5760' GR

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:

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.

10/9/2015 Notified OCD (Brandon Powell) of Plug 7 (Ojo/Kirtland) Pumped 7sc in 3 1/2" X 4 1/2" annulus and it is still leaking. Tagged @ 872'. Requested permission to pump enough cmt above the CR & circulate to surface. Verbal approval received.

The subject well was P&A'd on 10/13/2015 per the above approval and the attached report.

OIL CONS. DIV DIST. 3

Spud Date:

*PNR only*

Rig Released Date:

NOV 04 2015

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

SIGNATURE *Crystal Walker* TITLE Regulatory Coordinator DATE 11/3/15

Type or print name Crystal Walker E-mail address: crystal.walker@conocophillips.com PHONE: 505-326-9837

**For State Use Only**

APPROVED BY: *Bob Bell* TITLE DEPUTY OIL & GAS INSPECTOR DATE 11/18/15  
 Conditions of Approval (if any): *PNR*

Approved for plugging of wellbore only.  
 Liability under bond is retained pending  
 Receipt of C-103 (Subsequent Report of Well  
 Plugging) which may be found @ OCD web  
 page under forms  
 www.emnrd.state.us/ocd

*4*

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979  
Farmington, New Mexico 87499  
505-325-2627 \*fax: 505-325-1211

Conoco Phillips  
**Martin 34 #2**

October 13, 2015

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990' FSL and 1850' FEL, Section 34, T-30-N, R-11-W  
San Juan County, NM  
Lease Number: FEE  
API #30-045-08934

**Plug and Abandonment Report**  
Notified NMOCD and BLM on 9/24/15

## Plug and Abandonment Summary:

- Plug #1** with 15 sxs (17.7 cf) Class B cement from 6382' to 6037' to cover the Dakota perforations, production line shoe, Dakota and Graneros tops. Tag TOC at 6396'.
- Plug #1a** with 20 sxs (23.6 cf) Class B cement from 6382' to 5922' to cover the Graneros top. Tag TOC at 6017'.
- Plug #2** with bi-wire holes at 5680' and PW CR at 5630' spot 48 sxs (56.64 cf) Class B cement from 5680' to 5505' with 40 sxs into annulus 3 sxs below CR, 5 sxs above CR with 500 PSI sting out pressure to cover the Gallup top. Tag TOC at 5424'.
- Plug #3** with bi-wire holes at 4950' and PW CR at 4900' spot 48 sxs (56.64 cf) Class B cement sting into CR pump 40 sxs into annulus, 3 sxs below CR, 5 sxs above CR with 1200 PSI sting out pressure plug from 4950' to 4785' to cover the Mancos top. Tag TOC at 4690'.
- Plug #4** with 12 sxs (14.16 cf) Class B cement from 3690' to 3414' to cover the Mesaverde top. Tag TOC at 3508'.
- Plug #5** with bi-wire holes at 2116' and PW CR at 2066' spot 12 sxs (14.16 cf) Class B cement with 2% CaCl with 3 sxs into intermediate, 2 sxs below CR, 7 sxs on top CR from 2110' to 1905' to cover the Pictured Cliffs top. Tag TOC at 1944'.
- Plug #6** with bi-wire holes at 1545' and PW CR at 1495' spot 52 sxs (61.36 cf) Class B cement with 40 sxs out 4-1/2" casing, 3 sxs inside intermediate, 2 sxs below CR, 7 sxs above CR from 1545' to 1334' to cover the Fruitland top. Tag TOC at 1175'.
- Plug #7** with bi-wire holes at 972' and PW CR at 872' spot 21 sxs (24.78 cf) Class B cement with 7 sxs outside casing, 2 sxs below CR, 12 sxs above CR from 922' to 596' to cover the Ojo Alamo and Kirtland tops.
- Plug #7a** with bi-wire holes at 868' spot 214 sxs (252 cf) Class B cement with 3-1/2" x 4-1/2" from 868' to surface with 18 sxs, 3-1/2" casing 868' to 592' with 12 sxs, squeezed at 4-1/2" casing with 172 sxs and 12 sxs approximately to pit out of intermediate valve. Tag TOC at 547'.
- Plug #8** with bi-wire holes at 296' spot 85 sxs (100.3 cf) Class B cement with 70 sxs outside, 13 sxs inside with 3 sxs good cement returned out bradenhead valve from 296' to surface to cover the surface casing shoe and surface.
- Plug #9** with 30 sxs Class B cement top off casings and install P&A marker with coordinates N 36° 55' 50" / W 107° 58' 29".

## Plugging Work Details:

9/24/15 Rode rig and equipment to location. Spot in and RU. SDFD.

9/25/15 Bump test H2S equipment. Check well pressures: SITP and SIBHP 0 PSI, 3-1/2" SICP 200 PSI and annulus 140 PSI. RU relief lines and blow well down. ND wellhead. Install back pressure valve. NU BOP. Attempt BOP pressure test blind pressure tubing failed leaking hydraulic fluid inside BOP. ND BOP. Stripping head and test spool. NU BOP with test spool and stripping head. Function test BOP, OK. Test BOP pressure blinds and pipe from 250 PSI to 1250 PSI, OK. PU on 2-1/16" production, remove back pressure valve. LD tubing hanger. TOH and tally 2-1/10" 3.25# IJ J-55 tubing as follows: 207 jnts, 1 FN, 1 Ex. Check total steel length 6543.77'. SI well. SDFD.

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## Plugging Work Details (continued):

- 9/28/15 Bump test H2S equipment. Check well pressures: SICP 140 PSI, ISIP 100 PSI and SIBHP 0 PSI. Blow well down. RU A-Plus wireline. PU 2.81 GR. RIH to 1186', unable to pass. POH. PU 2-3/4" Select Oil string mill and attempt to TIH, unable. RIH with PW 2.75 3-1/2" CR, unable to pass 1186'. Note: COPC and NMOCD approved plug. TIH open-ended to 6382'. Establish circulation. Circulate well clean, establish rate of 2 bpm at 800 PSI. Spot plug #1 with calculated TOC at 6037'. SI well. WOC overnight. SDFD.
- 9/29/15 Bump test H2S equipment. Check well pressures: SITP 30 PSI, SICP 0 PSI and SIBHP 0 PSI. Bled pressure off. TIH to 6382'. Wait on orders. Tag plug #1 low at 6396'. Spot plug #1a with calculated TOC at 5922'. WOC. PU 2-3/4" string mill. TIH tag at 50' work mill past tight spot. TIH to 130' tight spot work past. TOH look for sample on mill, no sample. TIH with mill and tag at 180'. Attempt to work through unable to pass. TOH with tubing and mill. TIH open-ended and tag plug #1a at 6021'. SI well. SDFD.
- 9/30/15 Bump test H2S equipment. Check well pressures: SICP and SITP 50 PSI, SIBHP 0 PSI. Bleed off pressure. Note: 1/4" water flow. TIH to 5705'. Wait on Acid truck. Shut in intermediate casing valve and bradenhead valve. RU Baker pump hose to tubing. Pump 1000 gal, acid 20 gal and H2S scavenger. Shut in tubing valve. RU A-Plus pump displace acid with 15 bbls of fresh water. SI well. Let acid sit overnight. Note: After pumping 15 bbls down well, pressured up to 400 PSI. Bled down to 0 PSI flowing fluid. SI build up to 100 PSI in 1/2 hour. Bleed off and continue to monitor pressure at 100 PSI in 30 minutes. Bled off to 0 PSI and SI well. SDFD.
- 10/1/15 Bump test H2S equipment. Check well pressures: SICP 480 PSI, SITP 420 PSI, SIBHP 0 PSI. Bled pressure off. Circulate out acid and H2S scavenger. Circulate well clean with 85 bbls of water. TIH and tag plug #1a at 6017'. TIH with 2-3/4" string mill to 5705', tight spots. RU A-Plus wireline. Perforate 6 bi-wire holes at 5680'. RIH and set 3-1/2" PW CR and set at 5630'. SI well. SDFD.
- 10/2/15 Bump test H2S equipment. Check well pressures: SICP 18 PSI, SITP and SIBHP 0 PSI. Establish circulation. Sting into CR. Establish rate of 1 bpm at 1000 PSI. Spot plug #2 with calculated TOC at 5505'. PU mule shoe. TIH to 3594'. WOC. TIH and tag plug #2 at 5424'. TOH and LD mule shoe. SI well due to windy weather. SDFD.
- 10/5/15 Bump test H2S equipment. Check well pressures: SICP 55 PSI, SITP 2 PSI and SIBHP 0 PSI. RU A-Plus wireline. RIH and tag 4886'. PU 2-3/4" string mill to 4886'. Clear tight spot TIH to 5011' taking weight to 5024'. Circulate well clean, black dirty fluid in returns. RU A-Plus wireline. Perforate 6 bi-wire holes at 4950'. RIH and set PW CR at 4900'. Establish rate of 1 bpm at 1000 PSI. Spot plug #3 with calculated TOC at 4785'. SI well. SDFD.
- 10/6/15 Bump test H2S equipment. Check well pressures: SICP and SIBHP 0 PSI, SITP 40 PSI. PU 2-1/16" mule shoe. TIH and tag plug #3 at 4690'. Circulate well clean. Spot plug #4 with calculated TOC at 3414'. WOC. TIH and tag plug #4 at 3508'. SD due to lightening in the area. SI well. SDFD.

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### Plugging Work Details (continued):

- 10/7/15 Bump test H2S equipment. Check well pressures: SICP 10 PSI, SITP 75 PSI and SIBHP 0 PSI. Blow well down. RU A-Plus wireline. Perforate 4 bi-wire holes at 2116'. RIH and set PW CR at 2066'. Establish rate of 2 bpm at 500 PSI, circulate well. Spot plug #5 with calculated TOC at 1905'. WOC. TIH and tag plug #5 at 1944'. RU A-Plus wireline. Perforate 4 bi-wire holes at 1545'. RIH and set PW CR at 1495'. Establish rate of 2 bpm at 300 PSI, circulate well. Establish rate of 1 bpm at 500 PSI. Spot plug #6 with calculated TOC at 1334'. Reverse circulate with 12 bbls of water. SI well. SDFD.
- 10/8/15 Bump test H2S equipment. Check well pressures: SICP and SIBHP 0 PSI, SITP 90 PSI. Blow well down. TIH and tag plug #6 at 1175'. Pressure test casing to 800 PSI, OK. Bradenhead pressured up to 200 PSI, no rate bled off. RU A-Plus wireline. Perforate 4 bi-wire holes at 922'. Establish rate of 3 bpm at 250 PSI. RIH with CR and set at 872'. Establish circulation. Spot plug #7 with calculated TOC at 596'. LD all tubing. WOC. Check well pressures: casing 0 PSI, intermediate less than 1/4" stream of water. Establish rate of 1 bpm at 200 PSI. Wait on orders. Install pressure gauge on intermediate build up to 90 PSI in 30 minutes. Reverse circulate well with 12 bbls of water, with 3 bbls of green cement in returns. SI tubing and pressure test casing to 800 PSI, OK. SI well. SDFD.
- 10/9/15 Bump test H2S equipment. Check well pressures: SICP and SIBHP 0 PSI, SITP 85 PSI. Blow well down. RU A-Plus wireline. Perforate 4 bi-wire holes at 868'. Circulate well clean. Establish rate of 3.5 bpm at 400 PSI. SI intermediate valve. Establish rate of 1 bpm at 250 PSI with 8 bbls of water stop injection pressure drop to 200 PSI. Spot plug #7a with calculated TOC at 592'. Circulate well. Bradenhead pressured up to 100 PSI after squeeze. WOC. SI well. SDFD.
- 10/12/15 Bump test H2S equipment. Check well pressures: SICP 20 PSI, SITP 2 PSI and SIBHP 0 PSI. Blow well down. TIH and tag plug #7a at 547'. Pressure test casing at 800 PSI, OK. RU A-Plus wireline. Perforate 4 bi-wire holes at 296'. Establish circulation. Establish rate of 3 bpm at 250 PSI. Establish circulation. Spot plug #8 with TOC at surface. Dig out wellhead. SI well. SDFD.
- 10/13/15 Bump test H2S equipment. Open up well; no pressures. Tag TOC at ground level. ND BOP. RU High Desert. Monitor well. Fill out Hot Work Permit. Cut off wellhead. Found cement at surface on annulus, Intermediate and casing. Spot plug #9 top off casings and install P&A marker with coordinates N 36° 55' 50" / W 107° 58' 29". RD and MOL.

Jason Vasquez, Burlington representative, was on location.

Paul Wiebe, NMOCD representative, was on location.

John Durham, NMOCD representative, was on location.