

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 July 18, 2013

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

WELL API NO. 30-045-09256
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 3130-01
7. Lease Name or Unit Agreement Name Ruby Corscot
8. Well Number 1
9. OGRID Number 14634
10. Pool name or Wildcat Basin DK

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Merrion Oil & Gas Corporation	
3. Address of Operator 610 Reilly Ave, Farmington, NM 87401	
4. Well Location Unit Letter <u>C</u> : <u>790</u> feet from the <u>North</u> line and <u>1850</u> feet from the <u>West</u> line Section <u>25</u> Township <u>30N</u> Range <u>12W</u> NMPM County <u>San Juan</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5568'	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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 checked="" 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.

The above mentioned well was P&Ad 2/11/2015. Please see attached PA report.

OIL CONS. DIV DIST. 3

MAR 19 2015

Spud Date: PNR only 8 Rig Rel 8
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/oed

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

SIGNATURE Philana Thompson TITLE Regulatory Compliance Specialist DATE 3/13/2015
Type or print name Philana Thompson E-mail address: pthompson@merrion.bz PHONE: 505-324-5336

For State Use Only

APPROVED BY: Philana Thompson TITLE DEPUTY OIL & GAS INSPECTOR DISTRICT #3 DATE 4/6/15
Conditions of Approval (if any): IV

A-PLUS WELL SERVICE, INC.

MAR 19 2015

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 *fax: 505-325-1211

Merrion
Ruby Corscot #1

February 11, 2015
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735' FNL and 1705' FEL, Section 4, T-29-N, R-13-W

San Juan County, NM

Lease Number: NMSF-078643A

API #30-045-30814

30-045-09250

Notified NMOCD and BLM on 1/19/15

Plug and Abandonment Summary:**Squeeze #1** spot 32 sxs (37.76 cf) Class B cement from 511'-90'.**Squeeze #2** spot 32 sxs (37.76 cf) Class B cement 1) pump 26 sxs down casing with rate lessening to 70 PSI to 400 PSI in 30 seconds. 2) Unable to pump 6 sxs from mixing tub. Establish nose of cement at 350'. Tag TOC at 491'.**Squeeze #2A** spot 48 sxs Class B down casing and pressure up to 1000 PSI. Bled to 700 PSI in 3 minutes. 37 sxs inside and 11 sxs outside casing. TOC at 419'.**Squeeze #3** mix 15 sxs ultra fine grout and ½ lb CFR3 to make (11.4 cf) slurry. Pump balance plug with slurry from 504'-377'.**Plug #1** with existing CR at 6238' spot 20 sxs (23.6 cf) Class B cement with 2% Cal. Chloride from 6238'-5975' to isolate Dakota interval. Tag TOC at 5972'.**Plug #2** with 20 sxs (23.6 cf) Class B cement from 5470'-5207' to cover the Gallup top. Tag TOC at 5231'.**Plug #3** with 20 sxs (23.6 cf) Class B cement from 4544'-4281' to cover the Mancos top. Tag TOC at 4304'.**Plug #4** with 20 sxs (23.6 cf) Class B cement with 2% Cal. Chloride from 3431'-3168' to cover the Mesaverde top. Tag TOC at 3210'.**Plug #5** with squeeze holes at 2873' and CR at 2829' spot 53 sxs (62.54 cf) Class B cement from 2873'-2698' to cover the Chacra top. 1) Pump 45 sxs down tubing. 2) Sting into CR and pump 8 sxs. 3) Displace cement until 43 sxs below CR. 4) 4 sxs inside and 39 sxs outside casing. 5) Final rate of 1 BPM at 850 PSI. 6) Sting out of CR and leave 10 sxs from 2829'-2698' above CR.**Plug #6** with squeeze holes at 1870' and CR at 1820' spot 51 sxs (60.18 cf) Class B cement from 1820'-1659' to cover the Pictured Cliffs top. 1) squeezed 34 sxs outside, 5 below and 12 sxs above CR.**Plug #7** with squeeze holes at 1545' and CR at 1496' spot 51 sxs (60.18 cf) Class B cement from 1545'-1338' to cover the Fruitland Coal top. 1) 12 sxs above CR, 4 sxs below and 35 sxs outside casing.**Plug #8** with squeeze holes at 575' and CR at 546' spot 51 sxs (60.18 cf) Class B cement from 575'-441' to cover the Kirtland top.**Plug #9** with squeeze holes at 370' spot 174 sxs (205.32 cf) Class B cement from 370'-surface to isolate the Ojo Alamo top, casing shoe and surface. Circulate good cement out BH valve.**Plug #10** with 24 sxs Class B cement top off casings and install P&A Marker at N 36° 47' 19.5" / W 108° 03' 9.4".

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735' FNL and 1705' FEL, Section 4, T-29-N, R-13-W
 San Juan County, NM
 Lease Number: NMSF-078643A
~~API #30-045-30814~~

Notified NMOCD and BLM on 1/19/15

Plug and Abandonment Summary: (continued)

Plugging Work Details

- 1/19/15 Rode rig and equipment to location. Check well pressures: tubing 120 PSI; casing 110 PSI. Spot in and RU. ND WH. NU and function test BOP. TIH and tag fill at 6451'. TOH with tubing. TIH with tubing scraper stacking out at 5000 PSI at 6402'. TOH with tubing and LD casing scraper. SI Well. SDFD.
- 1/20/15 Check well pressures: casing 170 PSI; BH 50 PSI. Function test BOP. PU Weatherford Packer. TIH with tubing and set RBP at 6238'. Blow down BH and install 2" piping to surface. Set Packer at 6167'. Pressure test to 1000 PSI. Release packer. Attempt to pressure test casing to 500 PSI. TOH and set packer at 3053'. Test casing below packer to 500 PSI. TOH and set packer at 1528'. Test casing below packer to 500 PSI. TOH set packer at 1022'. Test casing below packer to 500 PSI. TIH and isolate casing leak between 484'-453', rate of ½ BPM at 450 PSI. Pressure test casing above and below leak to 500 PSI. TOH with tubing and LD packer. Dump 100 lbs of sand down casing. SI Well. SDFD.
- 1/21/15 Check well pressures: casing 0 PSI; BH 5 PSI. Open well to pit. Function test BOP. A-Plus wireline attempted to run CBL, unable to pass 50'. TIH to scraper at 380'. TOH with tubing. A-Plus wireline ran CBL from 6200'-surface. Found cement from 6200'-5320' and DV tool 4495'-3160' in annulus. B. Powell, NMOCD, approved to squeeze casing leak from 484'-453'. TIH with tubing to 511'. Dump 100 lbs sand down tubing. SI casing. Establish rate through leak of ½ BPM at 450 PSI. Open casing valve. **Spot squeeze #1**. TOH with tubing. Hesitate squeeze for 210 minutes. Pump 1/4 bbl of water to pressure up to 500 PSI, held for 30 minutes. SI well with 500 PSI on casing.
- 1/22/15 Attempt to check pressure on WH, frozen no pressure. Open well to pit. Function test BOP. TIH and tag TOC at 243'. Drill from 243'-433'. POOH with tubing at 385'. SI Well. SDFD.
- 1/23/15 Stand by WOC.
- 1/26/15 Check well pressures: casing and BH 0 PSI. Function test BOP. Tag TOC at 433'. Drill cement from 433'-449', make connection. Drill cement from 449'-481', circulate hole clean. Attempt to pressure test casing at rate of ½ BPM at 450 PSI. Drill cement from 481'-491', circulate hole clean. TOH with tubing. **Spot Squeeze #2**. TIH with tubing to 475'. Reverse out 10 bbls and circulate clean. TOH with tubing. PU casing scraper. TIH and tag cement at 491'. TOH with tubing and LD scraper. Attempt to establish rate, bleeds 700 PSI – 200 PSI in 15 seconds. A-Plus WL perforated at 481. Establish rate of 1 BPM at 400 PSI. **Spot Squeeze #2A**. SI casing valve. Open casing and found 400 PSI. Pressure up to 700 PSI in 5 minutes. TIH with tubing to 388'. TOH with tubing. Pressure up to 500 PSI, then casing on vacuum. TOC at 419'. SI Well. SDFD.

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735' FNL and 1705' FEL, Section 4, T-29-N, R-13-W

San Juan County, NM

Lease Number: NMSF-078643A

~~API #30-045-30814~~

Notified NMOCD and BLM on 1/19/15

Plug and Abandonment Summary: (continued)

- 1/27/15 Stand-by WOC.
- 1/28/15 Check well pressures: casing and BH 0 PSI. TIH and tag cement at 405'. PU power swivel. Drill cement from 417'-449', circulate hole clean. Pressure test casing to 550 PSI. C. Merilatt and R. Merrion approved to wait 1 day to continue drilling. POOH with tubing and bit at 385'. SI Well. SDFD.
- 1/29/15 Check well pressures: 0 PSI on well, function test BOP. RIH and tag cement at 449'. Drill cement from 449'-513'. TIH with tubing to bit at 1022'. TOH tubing and LD bit. Attempt to pressure test casing on chart recorder. Best test, 600-500 PSI in 20 minutes. ND BOP. NU WH. Attempt to pressure test casing on chart recorder, best test 600-540 PSI in 20 minutes. NU BOP and function test, TIH with tubing to 511'. TOH and LD tubing. SI Well. SDFD.
- 1/30/15 Check well pressures: Open well and function test BOP. Pressure test casing, 595-575 PSI in 8 minutes. TIH with tubing to 504'. **Spot Squeeze #3**. TOH with tubing. Pressure test casing to 600 PSI. Bled from 525 PSI to 555 PSI, pressuring up to 600 PSI. SI Well. SDFD.
- 2/2/15 Check well pressures: 0 PSI. Open well, function test BOP. Pressure test casing, bled 655-645 PSI in 10 minutes. Make connection. Drill cement from 481'-513', make connection. Drill cement from 513'-523', broke through. TIH with tubing to bit at 1022'. TOH tubing and LD bit. Pressure test casing on chart recorder, best test 580-500 PSI in 25 minutes. SI Well. SDFD.
- 2/3/15 Check well pressures: 0 PSI on well. Pressure test casing on chart recorder, best test 560-504 PSI in 22 minutes. TIH with tubing to scraper at 643'. TOH with tubing. RU power swivel and reverse circulate. Tie onto and release RBP at 6238'. TOH with 10 stands and setting tool. SI Well. SDFD.
- 2/4/15 Check well pressures: casing 30 PSI; tubing and BH 0 PSI. Open well to pit, function test BOP. TIH with tubing to cement retainer at 6238'. Pump 30 bbls of water into tubing. **Spot Plug #1**. SI Well. SDFD.
- 2/6/15 Check well pressures: 0 PSI on well. Open well to pit, function test BOP. TIH and tag Plug #1 at 5972'. TOH and LD tubing to 5470'. Pressure test casing to 775 to 725 PSI in 3 minutes. **Spot Plug #2**. SI Well and WOC. TIH with tubing and tag Plug #2 at 5231'. TOH and LD tubing to 4544'. Pressure test casing to 775-725 PSI in 3 minutes. **Spot Plug #3**. SI Well. SDFD.

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735' FNL and 1705' FEL, Section 4, T-29-N, R-13-W
San Juan County, NM
Lease Number: NMSF-078643A
~~API #30-043-30814~~

Notified NMOCD and BLM on 1/19/15

Plug and Abandonment Summary: (continued)

- 2/7/15 Check well pressures: 0 PSI on well. Open well to pit and function test BOP. TIH and tag Plug #3 at 4304'. TOH with tubing to 3431'. Pressure test casing, bled 800 PSI-750 PSI in 3 minutes. **Spot Pug #4.** SI Well and WOC. TIH and tag plug #4 at 3210'. TOH and LD to 2892'. Pressure test casing to 800 PSI. A-Plus Wireline perforated at 2873'. Attempt to establish rate of 800 PSI – 600 PSI n 30 seconds. TIH and set CR at 2829'. Pressure test tubing to 1500 PSI, held ok. Sting out of CR. Pressure test casing to 850 PSI. Sting into CR and establish rate of 1 BPM at 1100 PSI. Sting out of CR. **Spot Plug #5.** TOH and LD tubing to 1844'. SI Well. SDFD.
- 2/10/15 Check well pressures: casing and BH 0 PSI. Open well to pit. Function test BOP. A-Plus wireline perforated at 1870'. Established rate of 2 BPM with 5 bbls of water. TIH and set CR at 1820'. Established rate below CR at 75 PSI with 1.5 BPM. **Spot Plug #6.** Wireline RIH and perforated at 1545'. Established injection rate of 750 PSI at 2 BPM. TIH and set CR at 1496'. Pressure test casing to 750 PSI. Sting into CR. **Spot Plug #7.** Wireline RIH and perforated at 575'. Pressure test casing, establish rate of 3 BPM at 650 PSI. Established circulation out casing with ½ bbl of water. Drilling mud with 30 bbls of water. Lost circulation after 1 bbls. TIH and set CR at 546'. **Spot Plug #8.** TOOH with tubing. SI Well. SDFD.
- 2/11/15 Check well pressures: 0 PSI on well. Function test BOP. A-Plus Wireline perofrated at 370'. Established rate through perforations of 3 BPM at 400 PSI. **Spot Plug #9.** Dig out WH. Check well for gas, no gas. Issue Hot Work Permit. Cut off WH. Found cement at 25' n casing and at 30' in casing. **Spot Plug #10** and install P&A Marker at N 36° 47' 19.5" / W 108° 03' 9.4". RD and MOL.

Jonathan Kelly, NMOCD representative, was on location.