Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

RECEIVED
JUN 10 2016
Bureau of Land Management
Farmington Field Office

5. Lease Serial No. **SF-079634**

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2.*

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No. **McClanahan 20**

2. Name of Operator

9. API Well No. **30-045-07418**

3a. Address **PO Box 4289, Farmington, NM 87499**

3b. Phone No. (include area code) **(505) 326-9700**

10. Field and Pool or Exploratory Area **Otero Chacra / Basin Dakota**

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Surface Unit N (SESW), 800' FSL & 1800' FWL, Sec. 13, T28N, R10W

11. Country or Parish, State **San Juan , New Mexico**

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☒ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

5/23/2016 Contacted Jack Savage/BLM & Brandon Powell/OCD re Plug 5. Cmt log shows abnormal coverage between top of Chacra & PC. PC is covered; requested permission to continue as planned w/inside plug. Verbal approval.
5/24/2016 Contacted Jack Savage/BLM & Brandon Powell/OCD re Plug 7 & 8, Plug 6. Plug 7 & 8 will be inside plug per CBL. Plug 6: perf @ 1614' & set cmt retainer, try to pump into it. If unable to pump plug on top of cmt retainer.

The subject well was P&A'd on 5/26/2016 per the notifications above and the attached report.

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

ACCEPTED FOR RECORD
JUN 20 2016
FARMINGTON FIELD OFFICE
BY:

OIL CONS. DIV DIST. 3
JUN 23 2016

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Dollie L. Busse Title **Regulatory Technician**

Signature Dollie L Busse Date 6/9/16

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instruction on page 2)

NMOCD

4

A-PLUS WELL SERVICE, INC.

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

Burlington Resources
McClanahan 20

May 26, 2016

800' FSL and 1800' FWL, Section 13, T-28-N, R-10-W
San Juan County, NM
Lease Number: SF-079634
API #30-045-07418

Plug and Abandonment Report
Notified NMOCD and BLM on 5/13/16

Plug and Abandonment Summary:

Plug #1 with 24 sxs (28.32 cf) Class B cement with 2% CaCl from 6180' to 5864' to cover the Dakota top. Tag TOC at 5838'.
Plug #2 with 24 sxs (28.32 cf) Class B cement from 5407' to 5091' to cover the Gallup top. Tag TOC at 5100'.
Plug #3 (part 1) with squeeze holes at 4753 and CR at 4700' sting into CR and displace 43 sxs (50.74 cf) Class B cement below CR from 4753' to 4700' to cover the Mancos top.
Plug #3 (part 2) with CR at 4700' spot 20 sxs (23.6 cf) Class B cement above CR from 4700' to 4437' to cover the Mancos top. Tag TOC.
Plug #4 (part 1) with squeeze holes at 3478' and CR at 3423' spot 43 sxs (50.74 cf) Class B cement from 3478' to 3423' with 39 sxs in annulus, 4 sxs below CR to cover the Mesaverde top.
Plug #4 (part 2) with 20 sxs (23.6 cf) Class B cement from 3423' to 3160' to cover the Mesaverde top. Tag TOC at 3141'.
Plug #5 with 56 sxs (66.08 cf) Class B cement from 2396' to 1658' to cover the Chacra and Pictured Cliffs tops. Tag TOC at 1677'.
Plug #6 with squeeze holes at 1616' and CR at 1560' spot 59 sxs (69.62 cf) Class B cement with 2% CaCl from 1616' to 1350' with 39 sxs in annulus, 4 sxs below CR and 16 sxs above CR to cover the Fruitland top. Tag TOC at 1351'.
Plug #7 with 34 sxs (40.12 cf) Class B cement from 946' to 498' to cover the Kirtland and Ojo Alamo tops. Tag TOC at 548'.
Plug #8 with 57 sxs (67.26 cf) Class B cement from 548' to surface to cover the surface casing shoe.
Plug #9 with 28 sxs Class B cement top off casings and weld on P&A marker with coordinates N 36° 39.426' W 107° 50.993'.

Plugging Work Details:

5/16/16 Rode rig and equipment to location. Spot in and RU. Bump test H2S equipment. Check well pressures: tubing and bradenhead 0 PSI, casing 70 PSI. RU relief lines. Attempt to blow well down. Pumped 40 bbls of water down to kill well. ND wellhead. NU kill spool and BOP. Pressure test 2-3/8" pipe rams to 1200 PSI, OK. Attempt to kill well pumping 75 bbls of water down tubing and 30 bbls down casing. Pull tubing hanger. SI well. SDFD.

5/17/16 Bump test H2S equipment. Check well pressures: tubing and bradenhead 0 PSI and casing 540 PSI. RU relief lines. Pump 65 bbls of water down well. Leave pump on casing and pump 90 bbls of water down well. TOH and tally 98 stds, 4 jnts, 2 sub, 1 jnt and exp check (201 jnts total) total tally 6320'. ND stripping head. NU pressure equipment. RU A-Plus wireline. Ran CBL from 6180' to 3250', found TOC at 5200'. POH and RD wireline. Kill well with 45 bbls of water. SI well. SDFD.

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Plugging Work Details (continued):

5/18/16 Bump test H2S equipment. Check well pressures: no tubing, casing 460 PSI and bradenhead 0 PSI. Attempt to blow down well, unable. Pump 50 bbls of water down to kill well. TIH to 6180'. RU sandline. RIH found fluid level at 1500'. POH and RD sandline. Spot plug #1 with calculated TOC at 5864'. WOC. TIH and tag TOC at 5838'. RU sandline. RIH find fluid level at 1500 PSI. Spot plug #2 with calculated TOC at 5091'. SI well. SDFD.

5/19/16 Bump test H2S equipment. Check well pressures: no tubing, casing 375 PSI and bradenhead 0 PSI. Attempt to blow well down. Pump 40 bbls of water down to kill well. Function test BOP. TIH and tag TOC at 5100'. Ru A-Plus wireline. Perforate 3 HSC squeeze holes at 4753'. PU 4-1/2" Select CR and set at 4700'. Pressure test tubing to 1000 PSI, OK. Establish rate of 4 bpm at 400 PSI. Spot plug #3 (part 1) with calculated TOC at 4700'. RU sandline, RIH fluid level at 900'. POH and RD sandline. Spot plug #3 (part 2) with calculated TOC at 4437'. SI well. SDFD.

5/20/16 Bump test H2S equipment. Check well pressures: no tubing, casing 220 PSI and bradenhead 0 PSI. RU relief lines. Blow well down. Function test BOP. TIH and tag plug #3. RU A-Plus wireline. Perforate 3 HSC squeeze holes at 3478'. PU 4-1/2" Select CR and set at 3423'. Establish rate of 3 bpm at 1000 PSI. Spot plug #4 (part 1) with calculated TOC at 3423'. RU sandline, RIH find fluid level at 1000 PSI. Spot plug #4 (part 2) with calculated TOC at 3160'. SI well. SDFD.

5/23/16 Bump test H2S equipment. Check well pressures: no tubing, casing 260 PSI and bradenhead 0 PSI. RU relief lines. Blow well down. Function test BOP. TIH and tag TOC at 3141'. PU 4-1/2" Select CR and set at 2396'. Establish circulation. Attempt to pressure test casing, establish rate 2 bpm at 1100 PSI, no test. RU A-Plus wireline. Ran CBL from 2396' to surface, found good cement from 1950' to 1710' and 880' to surface. RD wireline. Establish circulation. Wait on orders. Spot plug #5 with calculated TOC at 1658'. SI well. SDFD.

5/24/16 Bump test H2S equipment. Check well pressures: tubing 5 PSI, casing 40 PSI and bradenhead 0 PSI. Function test BOP. TIH and tag TOC at 1677'. Establish circulation. Attempt to pressure test casing, establish rate of 1.5 bpm at 1200 PSI, no test. Perforate 3 HSC squeeze holes at 1616'. PU 4-1/2" Select CR and set at 1560'. Attempt to pressure test casing, establish rate of 1.5 bpm at 800 PSI, no test. Establish rate of 1.5 bpm at 1000 PSI. Spot plug #6 with calculated TOC at 1350'. WOC. TIH and tag TOC at 1351'. Establish circulation. Attempt to pressure test establish rate 1.5 bpm at 800 PSI, no test. Spot plug #7 with calculated TOC at 498'. SI well. SDFD.

5/25/16 Bump test H2S equipment. Check well pressures: no tubing, casing 25 PSI and bradenhead 0 PSI. Function test BOP. TIH and tag TOC at 548'. Establish circulation. Pressure test casing to 800 PSI, OK. Wait on orders. Spot plug #8 with TOC at surface. Tubing pressured up to 300 PSI. SI well. SDFD.

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Plugging Work Details (continued):

5/26/16 Bump test H2S equipment. Open up well; no pressures. Function test BOP. ND BOP and kill spool. RU A-Plus cutoff. Cut off wellhead. Found cement at surface in 4-1/2" casing and annulus. Spot plug #9 top off casings and weld on P&A marker with coordinates N 36° 39.426' W 107° 50.993'. RD and MOL.

Bill Diers, BLM representative, was on location.
Stan Terwilliger, COPC representative, was on location.