

Well Name: PAUL REVERE	Well Location: T26N / R13W / SEC 22 / NWSW / 36.471481 / -108.211334	County or Parish/State: SAN JUAN / NM
Well Number: 210	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM17781	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452650500S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2781627

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 03/26/2024

Time Sundry Submitted: 08:21

Date Operation Actually Began: 02/05/2024

Actual Procedure: Dugan Production P&A'd the well on 02/05/2024-02/13/2024 per the following procedure: 1) MI&RU Aztec 481 and cement equipment. Spot equipment and LD rods. NU BOP. LD 2-3/8" production tubing. 2) PU & tally 2-3/8" work string. Run 4 1/2" casing scraper to 3660' and started dragging. Worked and cleaned out scale from 3660' to 4810' w/bit and junk mill. Run string mill to 4810'. 3) RIH & set 4 1/2" CIBP @ 4754'. Gallup perforations @ 4804'-5103'. Load and circulate hole clean. Run CBL from 4754' to surface. Submitted necessary changes to NMOCD/BLM. Copies of communications attached. 4) Spot Plug I inside 4 1/2" casing from 4754' w/18 sks (20.7 cu ft) Class G cement to cover the Gallup perforations. Displaced w/17.5 bbls water. WOC overnight. Tagged TOC @ 4575'. Good tag. Plug I, inside 4 1/2" casing, 18 sks, 20.7 cu ft, Gallup perforations, 4575'-4754'. 5) RU Wireline. Perforate @ 4413'. TIH w/4 1/2" CR and set CR @ 4360'. Establish rates @ 1.5 bpm, 300 psi. Spot inside/outside plug from 4413' to cover the Gallup top w/56 sks, (64.4 cu ft) (40 sks, outside casing, 2 sks, below CR, 14 sks inside 4 1/2" casing above the CR) Class G neat cement. Displaced w/14.4 bbls water. WOC 4 hrs. Tagged TOC @ 4136'. Good tag. Plug II, inside/outside 4 1/2" casing, perforations @ 4413', CR @ 4360', 56 sks, 64.4 cu ft, Gallup, 4136'-4413'. 6) Spot Plug III inside 4 1/2" casing from 4069' w/18 sks, 20.7 cu ft Class G neat cement to cover the DV tool & the Mancos top. Displaced w/14.8 bbls. WOC overnight. Tagged TOC @ 3826'. Good tag. Plug III, inside 4 1/2" casing, 18 sks, 20.7 cu ft, Mancos-DV tool, 3826'-4069'. 7) Spot Plug IV inside 4 1/2" casing from 2105' w/50 sks, 57.5 cu ft, Class G neat cement from 2105' to cover the Mesaverde-Chacra tops. Displaced w/9 bbls water. WOC 4 hrs. Tagged TOC @ 1467'. Good tag. Plug IV, inside 4 1/2" casing, 50 sks, 57.5 cu ft, Mesaverde-Chacra, 1467'-2105'. 8) Spot Plug V inside 4 1/2" casing from 1359' w/48 sks, 55.2 cu ft, Class G neat cement to cover the Fruitland-Pictured Cliffs tops. Displaced w/2.8 bbls. WOC overnight. Tagged TOC @ 750'. Good tag. Plug V, inside 4 1/2" casing, 48 sks, 55.2 cu ft, Pictured Cliffs-Fruitland, 750'-1359'. 9) Attempt to pressure test casing to 650 psi, casing tested good for

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Allottee or Tribe Name:

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Unit or CA Name:

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US Well Number: 300452650500S1

Well Status: Abandoned

Operator: DUGAN
PRODUCTION CORPORATION

30 minutes. RU wireline & perforate at 253'. Establish rate through perforations through BH. Swapped to cement. Pump Plug VI inside/outside from surface through perforations at 253' and circulate cement from surface through BH w/93 sks (107 cu ft) Class G cement to cover the Ojo Alamo-Kirtland tops & surface casing shoe. Circulate 1 bbl cement to surface. Plug VI, inside/outside 4½" casing, perforations @ 253', 93 sks, 107 cu ft, Ojo Alamo-Kirtland-Surface, 0'-253'. 10) WOC 4 hrs. Cut wellhead. Tag TOC at 22' inside 4½" casing and 0' inside annulus. Fill up cellar and install dry hole marker w/18 sks, 20.7 cu ft Class G neat cement. 11) RD Aztec Rig 481 and equipment. Clean location and move. Fred Brandenburg w/BLM Farmington FO witnessed job. Well P&A'd 02/13/2024.

SR Attachments

Actual Procedure

Paul_Revere_210_post_PA_formation_tops_20240326080842.pdf

Paul_Revere_210_BLM_OCD_apvd_plug_changes_20240326080810.pdf

Paul_Revere_210_post_PA_completed_wellbore_schematic_20240326080745.pdf

Paul_Revere_210_post_PA_work_20240326080727.pdf

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: TYRA FEIL

Signed on: MAR 26, 2024 08:06 AM

Name: DUGAN PRODUCTION CORPORATION

Title: Authorized Representative

Street Address: PO Box 420

City: Farmington **State:** NM

Phone: (505) 325-1821

Email address: tyrafeil@duganproduction.com

Field

Representative Name: Aliph Reena

Street Address: PO Box 420

City: Farmington **State:** NM

Zip: 87499-0420

Phone: (505)360-9192

Email address: Aliph.Reena@duganproduction.com

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PRODUCTION CORPORATION

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 03/26/2024

Signature: Matthew Kade

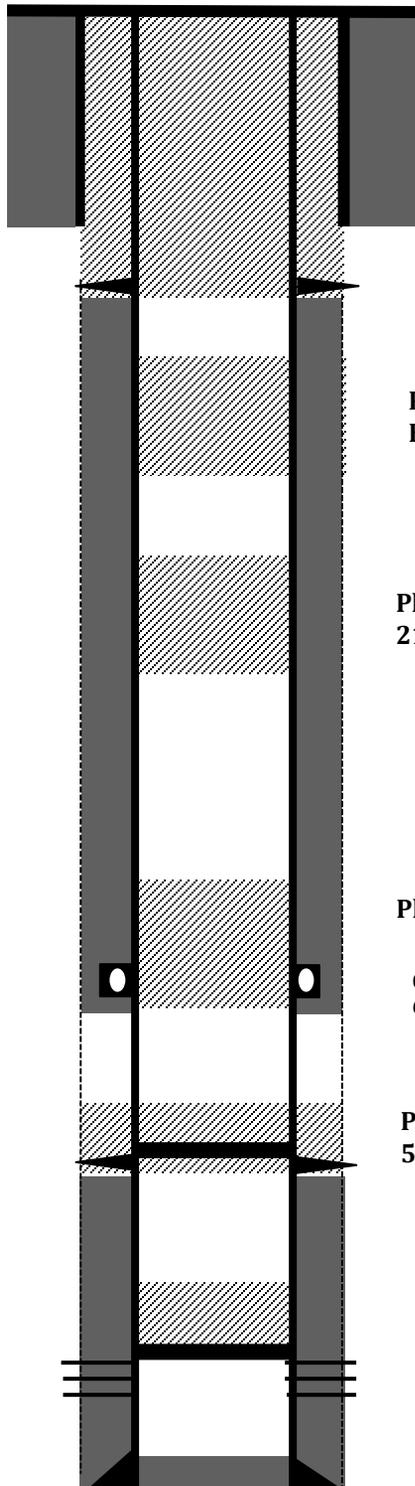
CONFIDENTIAL

Dugan Production P&A'd the well on 02/05/2024-02/13/2024 per the following procedure:

- MI&RU Aztec 481 and cement equipment. Spot equipment and LD rods. NU BOP. LD 2-3/8" production tubing.
- PU & tally 2-3/8" workstring. Run 4½" casing scraper to 3660' and started dragging. Worked and cleaned out scale from 3660' to 4810' w/bit and junk mill. Run string mill to 4810'.
- RIH & set 4½" CIBP @ 4754'. Gallup perforations @ 4804'-5103'. Load and circulate hole clean. Run CBL from 4754' to surface. Submitted necessary changes to NMOCD/BLM. Copies of communications attached.
- Spot Plug I inside 4½" casing from 4754' w/18 sks (20.7 cu ft) Class G cement to cover the Gallup perforations. Displaced w/17.5 bbls water. WOC overnight. Tagged TOC @ 4575'. Good tag. **Plug I, inside 4½" casing, 18 sks, 20.7 cu ft, Gallup perforations, 4575'-4754'.**
- RU Wireline. Perforate @ 4413'. TIH w/4½" CR and set CR @ 4360'. Establish rates @ 1.5 bpm, 300 psi. Spot inside/outside plug from 4413' to cover the Gallup top w/56 sks, (64.4 cu ft) (40 sks, outside casing, 2 sks, below CR, 14 sks inside 4½" casing above the CR) Class G neat cement. Displaced w/14.4 bbls water. WOC 4 hrs. Tagged TOC @ 4136'. Good tag. **Plug II, inside/outside 4½" casing, perforations @ 4413', CR @ 4360', 56 sks, 64.4 cu ft, Gallup, 4136'-4413'.**
- Spot Plug III inside 4½" casing from 4069' w/18 sks, 20.7 cu ft Class G neat cement to cover the DV tool & the Mancos top. Displaced w/14.8 bbls. WOC overnight. Tagged TOC @ 3826'. Good tag. **Plug III, inside 4½" casing, 18 sks, 20.7 cu ft, Mancos-DV tool, 3826'-4069'.**
- Spot Plug IV inside 4½" casing from 2105' w/50 sks, 57.5 cu ft, Class G neat cement from 2105' to cover the Mesaverde-Chacra tops. Displaced w/9 bbls water. WOC 4 hrs. Tagged TOC @ 1467'. Good tag. **Plug IV, inside 4½" casing, 50 sks, 57.5 cu ft, Mesaverde-Chacra, 1467'-2105'.**
- Spot Plug V inside 4½" casing from 1359' w/48 sks, 55.2 cu ft, Class G neat cement to cover the Fruitland-Pictured Cliffs tops. Displaced w/2.8 bbls. WOC overnight. Tagged TOC @ 750'. Good tag. **Plug V, inside 4½" casing, 48 sks, 55.2 cu ft, Pictured Cliffs-Fruitland, 750'-1359'.**
- Attempt to pressure test casing to 650 psi, casing tested good for 30 minutes. RU wireline & perforate at 253'. Establish rate through perforations through BH. Swapped to cement. Pump Plug VI inside/outside from surface through perforations at 253' and circulate cement from surface through BH w/93 sks (107 cu ft) Class G cement to cover the Ojo Alamo-Kirtland tops & surface casing shoe. Circulate 1 bbl cement to surface. **Plug VI, inside/outside 4½" casing, perforations @ 253', 93 sks, 107 cu ft, Ojo Alamo-Kirtland-Surface, 0'-253'.**
- WOC 4 hrs. Cut wellhead. Tag TOC at 22' inside 4½" casing and 0' inside annulus. Fill up cellar and install dry hole marker w/18 sks, 20.7 Cu.ft Class G neat cement.
- RD Aztec Rig 481 and equipment. Clean location and move. Fred Brandenburg w/BLM Farmington FO witnessed job. **Well P&A'd 02/13/2024.**

Completed P & A Schematic

Paul Revere #210
API: 30-045-26505
Unit L Sec 22 T26N R13W
1850' FSL & 990' FWL
San Juan County, NM
Lat:36.4715652 Long:-108.2120895



8-5/8" J-55 24# casing @ 203'. Cemented with 135 sks Class B.
Circulated to surface

**Plug VI, Inside/outside 4 1/2" casing, perforations @ 253', 93 sks,
107 Cu.ft, Ojo Alamo-Kirtland-Surface, 0'-253'**

**Plug V, Inside 4 1/2" casing, 48 sks, 55.2 Cu.ft, Pictured Cliffs-
Fruitland, 750'-1359'**

**Plug IV, Inside 4 1/2" casing, 50 sks, 57.5 Cu.ft, Mesaverde-Chacra, 1467'-
2105'**

Plug III, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Mancos-DV tool, 3826'-4069'

Cemented Stage I w/ 240 sks, 50-50 poz, 309 Cu.ft. DV tool @ 4019'. Stage II w/ 700 sks
65-35-12 & 50 sks 50-50 poz, 1611 Cu.ft. Circulated trace cement to surface.

**Plug II, Inside/Outside 4 1/2" casing, Perforations @ 4413', CR @ 4360',
56 sks, 64.4 Cu.ft, Gallup, 4136'-4413'**

**Set CIBP @ 4754'. Plug I, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft,
Gallup perforations, 4575'-4754'**

Gallup Perforated @ 4804'-5103'

4 1/2" 10.5 # casing @ 5225'

Paul Revere #210
API: 30-045-26505
Unit L Sec 22 T26N R13W
1850' FSL & 990' FWL
San Juan County, NM
Lat:36.4715652 Long:-108.2120895

Elevation ASL : 6195'

Formation Tops

- **Ojo Alamo - Surface**
- **Kirtland - 100'**
- **Fruitland - 925'**
- **Pictured Cliffs - 1303'**
- **Chacra - 1630'**
- **Mesaverde - 2045'**
- **Mancos - 4010'**
- **DV tool - 4019'**
- **Gallup - 4363'**

Tyra Feil

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Monday, February 12, 2024 7:20 AM
To: Kade, Matthew H; Aliph Reena; Rennick, Kenneth G; Lucero, Virgil S; Brandenburg, Fredrick C
Cc: Tyra Feil; Alex Prieto-Robles; aortiz@aztecwell.com
Subject: RE: [EXTERNAL] Paul Revere # 210 - CBL & Revised procedure based on CBL

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

NMOCD approves below

Thank you

Monica Kuehling
 Compliance Officer Supervisor
 Deputy Oil and Gas Inspector
 New Mexico Oil Conservation Division
 North District
 Office Phone: 505-334-6178 ext. 123
 Cell Phone: 505-320-0243
 Email - monica.kuehling@emnrd.nm.gov

From: Kade, Matthew H <mkade@blm.gov>
Sent: Friday, February 9, 2024 11:59 AM
To: Aliph Reena <Aliph.Reena@duganproduction.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Brandenburg, Fredrick C <fbrandenburg@blm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>; aortiz@aztecwell.com
Subject: Re: [EXTERNAL] Paul Revere # 210 - CBL & Revised procedure based on CBL

The BLM approves of the changes to the procedure.

Matthew Kade
 Petroleum Engineer
 BLM - Farmington Field Office
 51 College Blvd
 Farmington, NM 87402
 Office: (505) 564-7736

From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Friday, February 9, 2024 11:48 AM
To: monica.kuehling@emnrd.nm.gov <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Brandenburg, Fredrick C <fbrandenburg@blm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>; aortiz@aztecwell.com

ortiz@aztecwell.com>

Subject: [EXTERNAL] Paul Revere # 210 - CBL & Revised procedure based on CBL

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Re: Dugan Production Corp.
API: 30-045-26505
Paul Revere # 210

Please see the attached CBL from Dugan Production's Paul Revere # 210. The TOC appears to be around 4420' and 610' from Stage I & Stage II. Based on the CBL and casing response when tested, we propose the following changes to the original approved procedure.

1. Plug II, Will split the plug into Plug II for Gallup & Plug III for Mancos-DV tool.
2. **Plug II**, Gallup 4413' to 4232' will be changed to inside/outside to cover the Gallup top (4363). Will tag and WOC.
3. **Plug III**, Mancos-DV tool will be inside from 4069' to 3910' to cover the DV tool (4019) and Mancos top (4010)
4. **Plug VI** (Originally Plug V), The Ojo Alamo-Kirtland-Surface plug will be changed to inside/outside and will attempt to circulate cement to surface from 253' (Surface casing shoe @ 203').

Casing wont test, BH pressure is 0 psi.

Please let us know if the revised procedure is acceptable to NMOCD/BLM so we can proceed accordingly.

Aliph Reena P.E
Engineering Supervisor
Dugan Production Corp.
Cell: 505-360-9192

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 326749

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 326749
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 2/13/2024	3/29/2024