

Well Name: PAN AMERICAN FEDERAL	Well Location: T30N / R14W / SEC 24 / SESW / 36.795258 / -108.262543	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF081231B	Unit or CA Name:	Unit or CA Number:
US Well Number: 300450933700S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2764673

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 12/05/2023	Time Sundry Submitted: 04:01
Date Operation Actually Began: 10/18/2023	

Actual Procedure: Dugan Production P&A'd the well during 10/18/2023-10/25/2023 per the following procedure: 1) MI&RU Aztec Rig 481 & cement equipment. Spot & NU BOP. 2) PU & tally workstring, 2-3/8", J-55, 4.7#. Run 4½" casing scraper to 5958'. RIH & set 4½" CIBP @ 5918'. Dakota Perforations @ 5968'-6182'. 3) Load & circulate hole. Attempt to pressure test casing to 600 psi for 30 minutes. Cannot get a test. 4) Run CBL from 5918' to surface. Sent copies to OCD/BLM. Proposed changes to the procedure based on CBL. Copy of the communications attached. 5) Spot Plug I inside 4½" casing from 5918' w/18 sks (20.7 cu ft) Class G cement to cover the Dakota top. Displaced w/21 bbls. WOC 4 hrs. Tagged TOC @ 5703'. Good tag. Plug I, inside 4½" casing, 18 sks, 20.7 cu ft, Dakota, 5703'-5918'. 6) RU Wireline & shoot squeeze holes @ 5150'. TIH & set 4½" CR @ 5127'. Sting in and attempt to establish a rate below the CR through the perforations. Cannot get a rate. Locked up. Sting out. Spot Plug II inside 4½" casing from 5127' w/18 sks (20.7 cu ft) Class G cement to cover the Gallup top. Displaced w/18 bbls. WOC overnight. Tagged TOC @ 4878'. Good tag. Plug II, inside 4½" casing, 18 sks, 20.7 cu ft, Gallup, 4878'-5127'. 7) Spot Plug III inside 4½" casing from 4185' w/18 sks (20.7 cu ft) Class G cement to cover the Mancos top. Displaced w/15.3 bbls. WOC 4 hrs. Tagged TOC @ 3964'. Good tag. Plug III, inside 4½" casing, 18 sks, 20.7 cu ft, Mancos, 3964'-4185'. 8) Spot Plug IV inside 4½" casing from 2957' w/18 sks (20.7 cu ft) Class G cement to cover the Mesaverde top. Displaced w/10.5 bbls. WOC 4 hrs. Tagged TOC @ 2830'. Plug IV, inside 4½" casing, 18 sks, 20.7 cu ft, Mesaverde, 2830'-2957'. 9) Spot Plug V inside 4½" casing from 2400' w/18 sks (20.7 cu ft) Class G cement to cover the Chacra top. Displaced w/8.3 bbls. WOC overnight. Tagged TOC @ 2175'. Good tag. Plug V, inside 4½" casing, 18 sks, 20.7 cu ft, Chacra, 2175'-2400'. 10) RU wireline & perforate @ 1420'. TIH and set 4½" CR @ 1380'. Sting in and establish rate below CR. Swapped to cement. Spot & squeeze Plug VI inside/outside 4½" casing from 1420' w/58 sks (66.7 cu ft) Class G cement to cover the Pictured Cliff top (40 sks (46 cu ft) outside casing,

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US Well Number: 300450933700S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION	

4 sks (4.6 cu ft) below CR, 14 sks 16.1 cu ft above the CR). Displaced w/4.4 bbls. WOC 4 hrs. Tagged TOC @ 1208'. Good tag. Plug VI, inside/outside 4½" casing, 58 sks, 66.7 cu ft, perforations @ 1420', CR @ 1380', Pictured Cliff, 1208'-1420'. 11) RU wireline & perforate @ 1122'. TIH and set 4½" CR @ 1091'. Sting in and establish rate below CR. Swapped to cement. Spot & squeeze Plug VII inside/outside 4½" casing from 1122' w/58 sks (66.7 cu ft) Class G cement to cover the Fruitland top (40 sks (46 cu ft) outside casing, 3 sks (3.45 cu ft) below CR, 15 sks 17.25 cu ft above the CR). Displaced w/2.5 bbls. WOC overnight. Tagged TOC @ 932'. Good tag. Plug VII, inside/outside 4½" casing, 58 sks, 66.7 cu ft, perforations @ 1122', CR @ 1091', Fruitland, 932'-1122'. 12) Shoot squeeze holes @ 319'. TIH w/2-3/8" tubing to 327'. Establish circulation to surface through BH. Swap to cement. Spot & squeeze Plug VIII inside/outside 4½" casing from 327' to surface w/118 sks (135.7 cu ft) Class G cement to cover the surface casing shoe to surface. Circulate 1 bbl cement through BH. WOC 4 hrs. Cut wellhead off. TOC at surface inside 4½" and inside the annulus. Good tag. Plug VIII, inside/outside 4½" casing, 118 sks, 135.7 cu ft, perforations @ 319', surface casing shoe, 0'-327'. 13) Fill up cellar & install dry hole marker w/28 sks, 32.2 cu ft Class G neat cement. Clean location. RD Aztec 481. Ashely Schneider & Wanda Weatherford w/Farmington BLM FO witnessed job. Well P&A'd 10/25/2023.

SR Attachments

Actual Procedure

- Pan_American_Federal_1_plug_changes_20231205160015.pdf
- Pan_American_Federal_1_Post_PA_completed_schematic_20231205155736.pdf
- Pan_American_Federal_1_Post_PA_work_20231205155719.pdf

Well Name: PAN AMERICAN
FEDERAL

Well Location: T30N / R14W / SEC 24 /
SESW / 36.795258 / -108.262543

County or Parish/State: SAN
JUAN / NM

Well Number: 1

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF081231B

Unit or CA Name:

Unit or CA Number:

US Well Number: 300450933700S1

Well Status: Abandoned

Operator: DUGAN
PRODUCTION CORPORATION

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: DEC 05, 2023 03:52 PM

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

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: 12/06/2023

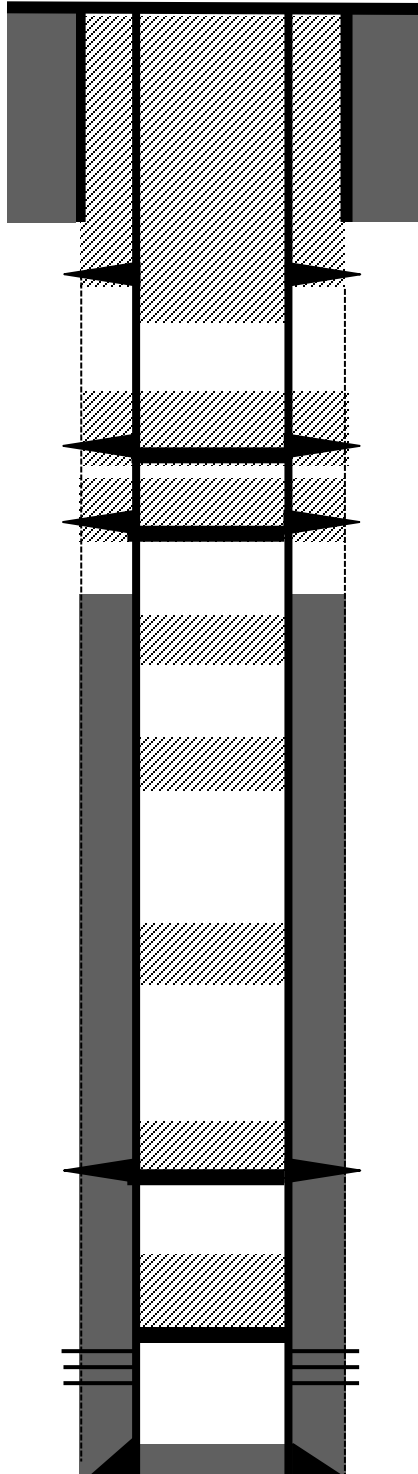
Signature: Matthew Kade

Dugan Production P&A'd the well during 10/18/2023-10/25/2023 per the following procedure:

- MI&RU Aztec Rig 481 & cement equipment. Spot & NU BOP.
- PU & tally workstring, 2-3/8", J-55, 4.7#. Run 4½" casing scraper to 5958'. RIH & set 4½" CIBP @ 5918'. Dakota Perforations @ 5968'-6182'.
- Load & circulate hole. Attempt to pressure test casing to 600 psi for 30 minutes. Cannot get a test.
- Run CBL from 5918' to surface. Sent copies to OCD/BLM. Proposed changes to the procedure based on CBL. Copy of the communications attached.
- Spot Plug I inside 4½" casing from 5918' w/18 sks (20.7 cu ft) Class G cement to cover the Dakota top. Displaced w/21 bbls. WOC 4 hrs. Tagged TOC @ 5703'. Good tag. **Plug I, inside 4½" casing, 18 sks, 20.7 cu ft, Dakota, 5703'-5918'.**
- RU Wireline & shoot squeeze holes @ 5150'. TIH & set 4½" CR @ 5127'. Sting in and attempt to establish a rate below the CR through the perforations. Cannot get a rate. Locked up. Sting out. Spot Plug II inside 4½" casing from 5127' w/18 sks (20.7 cu ft) Class G cement to cover the Gallup top. Displaced w/18 bbls. WOC overnight. Tagged TOC @ 4878'. Good tag. **Plug II, inside 4½" casing, 18 sks, 20.7 cu ft, Gallup, 4878'-5127'.**
- Spot Plug III inside 4½" casing from 4185' w/18 sks (20.7 cu ft) Class G cement to cover the Mancos top. Displaced w/15.3 bbls. WOC 4 hrs. Tagged TOC @ 3964'. Good tag. **Plug III, inside 4½" casing, 18 sks, 20.7 cu ft, Mancos, 3964'-4185'.**
- Spot Plug IV inside 4½" casing from 2957' w/18 sks (20.7 cu ft) Class G cement to cover the Mesaverde top. Displaced w/10.5 bbls. WOC 4 hrs. Tagged TOC @ 2830'. **Plug IV, inside 4½" casing, 18 sks, 20.7 cu ft, Mesaverde, 2830'-2957'.**
- Spot Plug V inside 4½" casing from 2400' w/18 sks (20.7 cu ft) Class G cement to cover the Chacra top. Displaced w/8.3 bbls. WOC overnight. Tagged TOC @ 2175'. Good tag. **Plug V, inside 4½" casing, 18 sks, 20.7 cu ft, Chacra, 2175'-2400'.**
- RU wireline & perforate @ 1420'. TIH and set 4½" CR @ 1380'. Sting in and establish rate below CR. Swapped to cement. Spot & squeeze Plug VI inside/outside 4½" casing from 1420' w/58 sks (66.7 cu ft) Class G cement to cover the Pictured Cliff top (40 sks (46 cu ft) outside casing, 4 sks (4.6 cu ft) below CR, 14 sks 16.1 cu ft above the CR). Displaced w/4.4 bbls. WOC 4 hrs. Tagged TOC @ 1208'. Good tag. **Plug VI, inside/outside 4½" casing, 58 sks, 66.7 cu ft, perforations @ 1420', CR @ 1380', Pictured Cliff, 1208'-1420'.**
- RU wireline & perforate @ 1122'. TIH and set 4½" CR @ 1091'. Sting in and establish rate below CR. Swapped to cement. Spot & squeeze Plug VII inside/outside 4½" casing from 1122' w/58 sks (66.7 cu ft) Class G cement to cover the Fruitland top (40 sks (46 cu ft) outside casing, 3 sks (3.45 cu ft) below CR, 15 sks 17.25 cu ft above the CR). Displaced w/2.5 bbls. WOC overnight. Tagged TOC @ 932'. Good tag. **Plug VII, inside/outside 4½" casing, 58 sks, 66.7 cu ft, perforations @ 1122', CR @ 1091', Fruitland, 932'-1122'.**
- Shoot squeeze holes @ 319'. TIH w/2-3/8" tubing to 327'. Establish circulation to surface through BH. Swap to cement. Spot & squeeze Plug VIII inside/outside 4½" casing from 327' to surface w/118 sks (135.7 cu ft) Class G cement to cover the surface casing shoe to surface. Circulate 1 bbl cement through BH. WOC 4 hrs. Cut wellhead off. TOC at surface inside 4½" and inside the annulus. Good tag. **Plug VIII, inside/outside 4½" casing, 118 sks, 135.7 cu ft, perforations @ 319', surface casing shoe, 0'-327'.**
- Fill up cellar & install dry hole marker w/28 sks, 32.2 cu ft Class G neat cement. Clean location. RD Aztec 481. Ashely Schneider & Wanda Weatherford w/Farmington BLM FO witnessed job. **Well P&A'd 10/25/2023.**

Completed P & A Schematic

Pan American Federal #1
 API: 30-045-09337
 Unit N Sec 24 T30N R14W
 1080' FSL & 1835' FWL
 San Juan County, NM
 Lat:36.7953911 Long:-108.2632141



8-5/8" J-55 24# casing @ 269'. Cemented with 130 sks Class B.
 Circulated cement to surface. Hole size: 12-1/4

**Plug VIII, Inside/Outside 4 1/2" casing, 118 sks, 135.7 Cu.ft,
 Perforations @ 319', Surface casing shoe, 0'-327'**

**Plug VII, Inside/Outside 4 1/2" casing, 58 sks, 66.7 Cu.ft,
 Perforations @ 1122', CR @ 1091', Fruitland, 932'-1122'**

**Plug VI, Inside/Outside 4 1/2" casing, 58 sks, 66.7 Cu.ft, Perforations @
 1420', CR @ 1380', Pictured Cliff, 1208'-1420'**

Plug V, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Chacra, 2175'-2400'

Plug IV, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Mesaverde, 2830'-2957'

Plug III, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Mancos, 3964'-4185'

Cemented w / 150 sks Class C cement

Plug II, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Gallup, 4878'-5127'.

**CIBP @ 5918'. Plug I, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Dakota,
 5703'-5918'**

Dakota Perforated @ 5968'-6182

4 1/2" 10.5 # casing @ 6239'. PBTD @ 6198'. Hole size: 7-7/8"

Tyra Feil

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Friday, October 20, 2023 7:47 PM
To: Aliph Reena; monica.kuehling@emnrd.nm.gov; Weatherford, Wanda D; Alex Prieto-Robles; Michel Crane; Kade, Matthew H
Cc: Tyra Feil
Subject: Re: [EXTERNAL] Dugan Production - Pan American Federal 1

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

The BLM finds the proposed changes appropriate.

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From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Friday, October 20, 2023 4:20:16 PM
To: monica.kuehling@emnrd.nm.gov <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Weatherford, Wanda D <wwweatherford@blm.gov>; Alex Prieto-Robles <arobles@aztecwell.com>; Michel Crane <mcrane@aztecwell.com>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>
Subject: [EXTERNAL] Dugan Production - Pan American Federal 1

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

Please see the attached CBL from Pan American Federal # 1, API – 30-045-09337. After reviewing the CBL the TOC appears to be at 5700' from stage 1. Cement from stage 2 appears to be from 4130' to 2100'. Based on the TOC determined from the CBL we propose the following procedures.

1. **Plug II, Gallup plug (4996-5146) will be changed to an inside/outside plug.**
2. **Plug IV, Mesaverde plug (2803-2953) will be changed to an inside plug.**
3. **Plug V, Chacra plug (2250-2400) will be changed to an inside plug.**

All other plugs will be set as originally proposed in the original approved procedure. All plug above 2100 will be inside/outside as proposed in the original approved sundry.

Volumes will be adjusted accordingly to a 100% excess on the outside and 50' excess on in the inside.

Please let us know if the proposed changes are acceptable to BLM & NMOCD. We will proceed accordingly.

Aliph Reena

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 291623

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 291623
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 10/25/2023	12/18/2023