

<b>Well Name:</b> GENTLE B	<b>Well Location:</b> T27N / R9W / SEC 15 / SWSW / 36.570663 / -107.779861	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 1	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM011808A	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 300450645500S1	<b>Operator:</b> DUGAN PRODUCTION CORPORATION	

**Subsequent Report**

**Sundry ID:** 2818065

**Type of Submission:** Subsequent Report

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 10/22/2024

**Time Sundry Submitted:** 01:22

**Date Operation Actually Began:** 09/12/2024

**Actual Procedure:** Dugan Production P&A'd the well on 9/12/24 - 9/16/24 per the attached procedure.

**SR Attachments**

**Actual Procedure**

Gentle\_B\_1\_BLM\_OCD\_apvd\_plug\_changes\_20241022131003.pdf

Gentle\_B\_1\_SR\_PA\_completed\_formation\_tops\_20241022130731.pdf

Gentle\_B\_1\_SR\_PA\_completed\_wellbore\_schematic\_20241022130624.pdf

Gentle\_B\_1\_SR\_PA\_work\_20241022130615.pdf

Well Name: GENTLE B

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County or Parish/State: SAN JUAN / NM

Well Number: 1

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM011808A

Unit or CA Name:

Unit or CA Number:

US Well Number: 300450645500S1

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: OCT 22, 2024 01:22 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: 10/22/2024

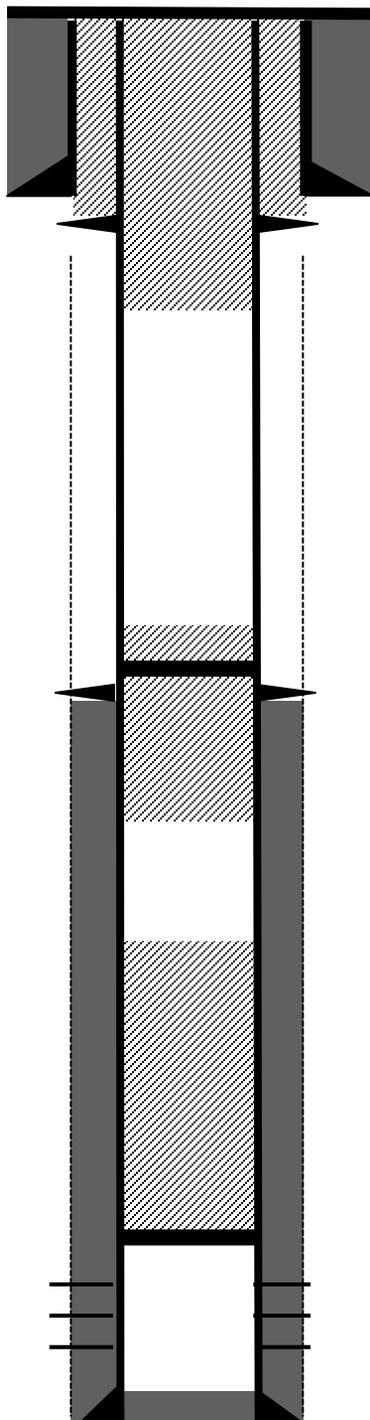
Signature: Matthew Kade

Dugan Production P&A'd the well on 09/12/24 - 09/16/24 per the following procedure:

- MI&RU Aztec Rig 481 and cement equipment.
- *Check pressures, Tubing 70 psi, Casing 70 psi, BH 4 psi.*
- BD and ND WH. NU BOP and LD production tubing.
- PU 2-3/8" workstring and run 5½" casing scraper to 2221'. Pictured Cliffs perforations @ 2216'-2278'.
- RIH and set 5½" cement retainer at 2166'. Load and circulate hole. TOO H w/tubing.
- Run CBL from 2166' to surface. Sent copy of CBL to NMOCD/BLM. Copy of communication attached.
- Sting in CR. Establish injection rate through Pictured Cliffs perforations. Swapped to cement. Pump 15 sks, 17.25 cu ft Class G neat cement below the CR. Sting out. Spot cement above CR @ 2166' w/62 sks (71.3 cu ft) Class G neat cement to cover the Fruitland & Pictured Cliffs tops (5 gal/sk, 15.8 #/gal, 1.15 cu ft/sk). Displaced w/6.3 bbls. WOC 4 hrs. Tagged TOC at 1666'. Good tag. **Plug I, inside/outside 5½" casing, 62 sks, 71.3 cu ft, Fruitland-Pictured Cliffs, 1666'-2166'.**
- Spot inside Plug II from 1472' w/31 sks Class G neat cement (35.7 cu ft) to cover the Kirtland-Ojo Alamo tops. Displaced w/4.6 bbls. RO from 1220'. Circulated 0.5 bbl cement to surface. WOC overnight. Tagged TOC at 1220'. Good tag. RU wireline and perforate at 1218'. Set 5½" cement retainer at 1192'. Attempt to get rate through perforations. Cannot get a rate. Spot plug above the cement retainer with 18 sks, 20.7 cu ft Class G neat cement. Displaced w/4 bbls. WOC 4 hrs. Tagged TOC at 1058'. Good tag. **Plug II, inside 5½" casing, perforations at 1218', CR at 1192', 49 sks, 56.4 cu ft, Kirtland-Ojo Alamo, 1058'-1472'.**
- *Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.*
- RU wireline and shoot squeeze holes at 174'. RIH open ended w/ tubing to 226'. Established circulation to surface through BH. Swapped to cement. Spot & squeeze Plug III inside 5½" casing from 226' to surface to cover the surface casing shoe to surface w/90 sks, 103.5 cu ft. and circulate cement to surface. Circulate 1 bbl cement to surface. WOC 4 hrs. Cut wellhead off. Tagged TOC at 11' inside 5½" and 0' inside the annulus. Good tag. **Plug III, inside/outside 5½" casing, perforations at 174', 90 sks, 103.5 cu ft, surface casing shoe, 0-226'.**
- Fill up cellar and install dry hole marker w/15 sks, 17.3 cu ft Class G neat cement.
- Clean location. Rig down Aztec Rig 481 and move. Jimmy Dobson w/BLM witnessed job.
- **Well P&A'd 09/16/2024.**

**Completed P & A Wellbore Schematic**

Gentle B #1  
30-045-06455  
Blanco PC South  
990' FSL & 1290' FWL  
S15 T27N R9W  
San Juan County, NM  
Lat: 36.570745, Long: -107.780238



8-5/8" 24# casing @ 124'. Cemented with 125 sks, Class B cement.  
Hole Size - 12 1/4"

**Plug III, Inside/Outside 5 1/2" casing, Perforations at 174', 90 sks, 103.5 Cu.ft, surface casing shoe, 0-226'.**

**Plug II, inside 5 1/2" casing, Perforations at 1218', CR at 1192', 49 sks, 56.4 Cu.ft, Kirtland-Ojo Alamo, 1058'-1472'.**

**Set 5 1/2" CIBP @ 2166'. Plug I, Inside/Outside 5 1/2" casing, 62 sks, 71.3 Cu.ft, Fruitland-Pictured Cliffs, 1666'-2166'.**

5 1/2" 14# casing @ 2335'

Cement production casing w/ 150 sks Cement

**Pictured Cliffs Perforated @ 2216' - 2278'**

**Gentle B #1**  
30-045-06455  
Blanco PC South  
990' FSL & 1290' FWL  
S15 T27N R9W  
San Juan County, NM  
Lat: 36.570745, Long: -107.780238

**Formation Tops (Referenced for P & A)**

- *Surface Casing - 124'*
- *Ojo Alamo - 1240'*
- *Kirtland - 1418'*
- *Fruitland - 1801'*
- *Pictured Cliffs - 2212'*
- *Perforations : 2216'-2278'*

## Tyra Feil

---

**From:** Diede, Loren, EMNRD <Loren.Diede@emnrd.nm.gov>  
**Sent:** Friday, September 13, 2024 1:19 PM  
**To:** Rennick, Kenneth G; Aliph Reena; Dobson, Jimmie P; Porch, Dustin T; Kade, Matthew H; Kuehling, Monica, EMNRD; Lucero, Virgil S  
**Cc:** Tyra Feil; Alex Prieto-Robles  
**Subject:** RE: [EXTERNAL] RE: Dugan Gentle B 001 cbl.pdf

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OCD approves the revised the revised plan in regards to the Kirtland and Ojo Alamo plug.

OCD requests that the surface casing plug attempts to cover the surface casing shoe. Perforate at 174', attempt to establish circulation out BH. If circulation cannot be established from 174', then perforate at 100' as proposed and place a cement plug with open-ended tbg from 224' to surface and squeezing cement out perforations at 100'.

Regards, Loren Diede

Thank you,  
Loren Diede  
Petroleum Specialist Advanced  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505  
505-394-3582 OCD cell



---

**From:** Rennick, Kenneth G <krennick@blm.gov>  
**Sent:** Friday, September 13, 2024 1:12 PM  
**To:** Aliph Reena <Aliph.Reena@duganproduction.com>; Dobson, Jimmie P <jdobson@blm.gov>; Porch, Dustin T <dporch@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Diede, Loren, EMNRD <Loren.Diede@emnrd.nm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Lucero, Virgil S <vlucero@blm.gov>  
**Cc:** Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>  
**Subject:** Re: [EXTERNAL] RE: Dugan Gentle B 001 cbl.pdf

The BLM finds the proposed procedure appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402

Email: [krennick@blm.gov](mailto:krennick@blm.gov)  
Mobile & Text: 505.497.0019

---

**From:** Aliph Reena <[Aliph.Reena@duganproduction.com](mailto:Aliph.Reena@duganproduction.com)>  
**Sent:** Friday, September 13, 2024 12:31 PM  
**To:** Dobson, Jimmie P <[jdobson@blm.gov](mailto:jdobson@blm.gov)>; Porch, Dustin T <[dporch@blm.gov](mailto:dporch@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Diede, Loren, EMNRD <[loren.diede@emnrd.nm.gov](mailto:loren.diede@emnrd.nm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Lucero, Virgil S <[vlucero@blm.gov](mailto:vlucero@blm.gov)>  
**Cc:** Tyra Feil <[Tyra.Feil@duganproduction.com](mailto:Tyra.Feil@duganproduction.com)>; Alex Prieto-Robles <[arobles@aztecwell.com](mailto:arobles@aztecwell.com)>  
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**Re: Dugan Production Corp.**

**Gentle B # 1**

**API: 30-045-06455**

Based on the CBL, We request the following changes to the proposal.

1. **Plug II, Kirtland-Ojo Alamo:** Will bring Kirtland plug to 1220'. Reverse out from 1220' and WOC and tag. Perforate at 1200'. Set a CR at 1150'. Attempt to get injection rate. If an injection rate cannot be established, we will do an inside plug for Ojo Alamo.
2. **Plug III, Surface:** Will perforate at 100'. Establish circulation to surface. Circulate cement to surface through BH running open ended to 200' w/ workstring .

All other plugs will be set as approved in the original NOI to P & A. Please let us know if the changes are acceptable and we will proceed accordingly.

Aliph Reena

**Engineering Supervisor**

Dugan Production Corp.

Cell: 505-360-9192

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**From:** Alex Prieto-Robles <[arobles@aztecwell.com](mailto:arobles@aztecwell.com)>

**Sent:** Friday, September 13, 2024 10:41 AM

**To:** Aliph Reena <[Aliph.Reena@duganproduction.com](mailto:Aliph.Reena@duganproduction.com)>

**Cc:** [jdobson@blm.gov](mailto:jdobson@blm.gov); Dustin Porch <[dporch@blm.gov](mailto:dporch@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Diede, Loren, EMNRD <[loren.diede@emnrd.nm.gov](mailto:loren.diede@emnrd.nm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; [Vlucero@blm.gov](mailto:Vlucero@blm.gov)

**Subject:** Dugan Gentle B 001 cbl.pdf

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 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 394763

**CONDITIONS**

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 394763
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	Log in file- well plugged 9/16/2024	11/5/2024