

U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

**Well Name:** ANABEL C

**Well Location:** T25N / R8W / SEC 34 /  
SWSW / 36.35191 / -107.67528

**County or Parish/State:** SAN  
JUAN / NM

**Well Number:** 1

**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

**Lease Number:** NMNM42425

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 300452545200S1

**Operator:** DUGAN PRODUCTION  
CORPORATION

### Subsequent Report

**Sundry ID:** 2808560

**Type of Submission:** Subsequent Report

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 08/27/2024

**Time Sundry Submitted:** 07:52

**Date Operation Actually Began:** 07/19/2024

**Actual Procedure:** Dugan Production P&A'd the well on 7/19/2024 - 7/25/2024 per the attached procedure.

### SR Attachments

#### Actual Procedure

Anabel\_C\_1\_OCD\_apvd\_plug\_changes\_20240827074844.pdf

Anabel\_C\_1\_BLM\_apvd\_plug\_changes\_20240827074823.pdf

Anabel\_C\_1\_BLM\_OCD\_apvd\_plug\_changes\_7\_24\_24\_20240827074710.pdf

Anabel\_C\_1\_SR\_PA\_formation\_tops\_20240827074625.pdf

Anabel\_C\_1\_SR\_PA\_completed\_schematic\_20240827074504.pdf

Anabel\_C\_1\_SR\_PA\_work\_20240827074436.pdf

Well Name: ANABEL C

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County or Parish/State: SAN JUAN / NM

Well Number: 1

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM42425

Unit or CA Name:

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US Well Number: 300452545200S1

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: AUG 27, 2024 07:42 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

**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: 08/28/2024

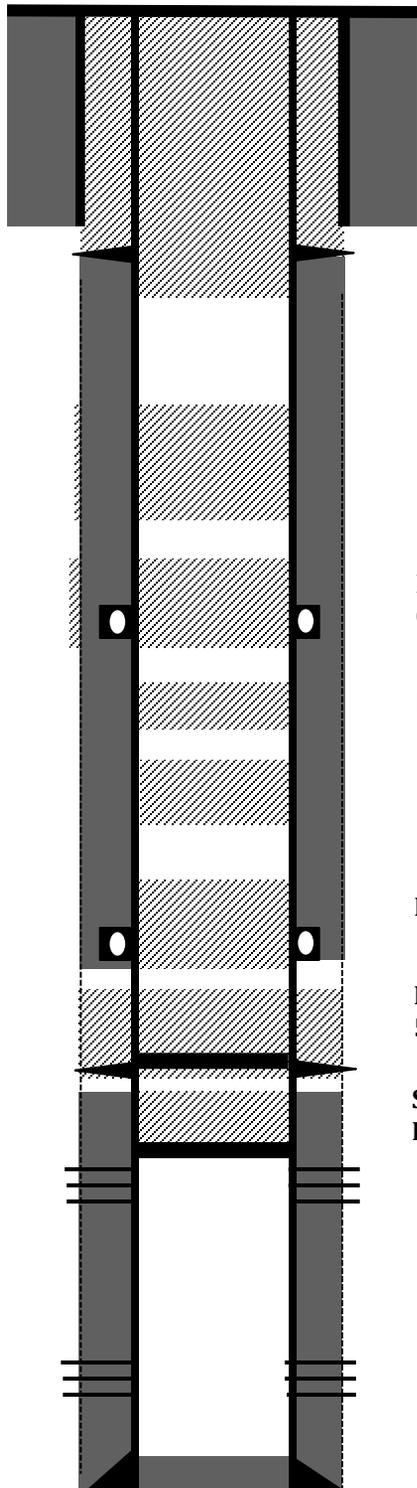
Signature: Matthew Kade

Dugan Production P&A'd the well on 07/19/2024-07/25/2024 per the following procedure:

- MI&RU Aztec Well Services Rig 481 and spot in equipment. Check pressures, Tubing 0 psi, Casing 8 psi, BH 0 psi.
- PU & tally 2-3/8" workstring. Run 4 1/2" string mill for casing scraper to 6534'. Tagged hard. Attempt to drill and clean out fill. Cannot make more holes past 6534'. Notified BLM/NMOCD. Got approvals to begin P&A ops from Gallup perforations.
- RIH & set 4 1/2" CIBP @ 5969'. Gallup perforations @ 6019'-6624'. Load and circulate hole. Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi
- Spot Plug I inside 4 1/2" casing from 5969' w/18 sks (20.7 cu ft) Class G cement to cover the Gallup perforations. Displaced w/22.1 bbls water. WOC overnight. Tagged TOC at 5796'. Good tag. **Plug I, inside 4 1/2" casing, 18 sks, 20.7 cu ft, Gallup perforations, 5796'-5969'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi. Attempt to pressure test casing to 650 psi. Casing won't test.
- RIH w/wireline and shoot squeeze holes at 5723'. Set 4 1/2" cement retainer at 5673'. Sting in and establish rate through the squeeze holes at 5723'. Rate at 700 psi, 1.6 BPM. Spot Plug II inside/outside 4 1/2" casing from 5723' w/58 sks (66.7 cu ft) Class G cement to cover the Gallup top. 40 sks outside (46 cu ft) 4 1/2" casing, 4 sks (4.6 cu ft) below and 14 sks (16.1 cu ft) above the CR. Displaced w/21.1 bbls total and to balance. WOC overnight. Tagged TOC at 5480'. Good tag. **Plug II, Inside/Outside 4 1/2" casing, perforations at 5723', CR at 5673', 58 sks, 66.7 cu ft, Gallup, 5480'-5723'.**
- Spot Plug III inside 4 1/2" casing from 5339' w/30 sks, 34.5 cu ft Class G neat cement to cover the Mancos top and DV tool. Displaced w/19.1 bbls. WOC 4 hrs. Tagged TOC at 4962'. Good tag. **Plug III, inside 4 1/2" casing, 30 sks, 34.5 cu ft, Mancos-DV, 4962'-5339'.**
- Spot Plug IV inside 4 1/2" casing from 4217' w/18 sks, 20.7 cu ft, Class G neat cement to over the Mesaverde top. Displaced w/15.4 bbls. WOC 4 hrs. Tagged TOC at 3995'. Good tag. **Plug IV, inside 4 1/2" casing, 18 sks, 20.7 cu ft, Mesaverde, 3995'-4217'.**
- Attempt to pressure test casing to 650 psi for 30 minutes, **Casing tested good.**
- Spot Plug V inside 4 1/2" casing w/15 sks, 17.3 cu ft, Class G neat cement to cover the Chacra top from 3515' to 3320'. Displaced w/12.8 bbls. **Plug V, inside 4 1/2" casing, 15 sks, 17.3 cu ft, Chacra, 3320'-3515'.**
- Spot Plug VI inside 4 1/2" casing w/28 sks (32.2 cu ft) Class G cement to cover the DV tool & Pictured Cliffs top from 2862' to 2502'. Displaced w/9.6 bbls. **Plug VI, inside 4 1/2" casing, 28 sks, 32.2 cu ft, DV tool-Pictured Cliff, 2502'-2862'.**
- Spot Plug VII inside 4 1/2" casing w/42 sks (48.3 cu ft) Class G cement to cover Fruitland-Kirtland-Ojo Alamo top from 2320' to 1779'. Displaced w/6.9 bbls. **Plug VII, inside 4 1/2" casing, 42 sks, 48.3 cu ft, Fruitland-Kirtland-Ojo Alamo, 1779'-2320'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- RU Wireline and shoot squeeze holes at 250'. Establish rate through perforations to surface through BH. Rate at 2.8 bpm, 50 psi. RIH open ended to 264'. Spot Plug VIII inside/outside 4 1/2" casing from 264' to surface w/113 sks (130 cu ft) Class G cement to surface to cover the surface casing shoe. WOC 4 hrs. Cut wellhead off. Tagged TOC inside 4 1/2" at surface and at 12' inside annulus. Good tag. **Plug VIII, Inside/Outside 4 1/2" casing, perforations at 250', 113 sks, 130 cu ft, Surface, 0'-264'.**
- Install dry hole marker and fill up cellar with 18 sks, 20.7 cu ft Class G neat cement. Clean location. RD Aztec Rig 481. Lucas Mason w/BLM witnessed job.
- **Well P&A'd 07/25/2024.**

**Completed P & A Schematic**

Anabel C #1  
API: 30-045-25452  
Unit M Sec 34 T25N R08W  
660' FSL & 790' FWL  
San Juan County, NM  
Lat:36.3519974 Long:-107.6759872



8-5/8" 24# casing @ 214'. Cemented with 159 Cu.ft Class B.  
Circulated to surface. Hole size 12-1/4"

**Plug VIII, Inside/Outside 4 1/2" casing, Perforations at 250', 113 sks, 130 Cu.ft, Surface, 0'-264'**

**Plug VII, Inside 4 1/2" casing, 42 sks, 48.3 Cu.ft, Fruitland-Kirtland-Ojo Alamo, 1779'-2320'**

**Plug VI, Inside 4 1/2" casing, 28 sks, 32.2 Cu.ft, DV tool-Pictured Cliff, 2502'-2862'.**

**Plug V, Inside 4 1/2" casing, 15 sks, 17.3 Cu.ft, Chacra, 3320'-3515'**

**Plug IV, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Mesaverde, 3995'-4217'**

**Plug III, Inside 4 1/2" casing, 30 sks, 34.5 Cu.ft, Mancos-DV, 4962'-5339'.**

**Plug II, Inside/Outside 4 1/2" casing, Perforations at 5723', CR at 5673', 58 sks, 66.7 Cu.ft, Gallup, 5480'-5723'**

**Set CIBP at 5969'. Plug I, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Gallup Perforations, 5796'-5969'**

**Gallup perforations @ 6019'-6624'**

Cemented Stage I w/ 615 Cu.ft, 50/50 poz. DV tool @ 5289'.  
Stage II w/ 1031 cu.ft 65-35-12. DV tool @ 2812'  
Stage III w/ 952 Cu.ft 65-35-12.

**Dakota perforations @ 7001'-7028'**

**4 1/2" 10.5 # casing @ 6040'**

**Anabel C #1**  
API: 30-045-25452  
Unit M Sec 34 T25N R08W  
660' FSL & 790' FWL  
San Juan County, NM  
Lat:36.3519974 Long:-107.6759872

**Elevation GL : 7310' GL**

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

- **Surface Casing - 214'**
- **Ojo Alamo - 1893'**
- **Kirtland - 2003'**
- **Fruitland - 2200'**
- **Pictured Cliffs - 2603'**
- **Lewis - 2734'**
- **DV tool I - 2812'**
- **Chacra - 3465'**
- **Mesaverde - 4167'**
- **Mancos - 5135'**
- **DV tool II- 5289'**
- **Gallup - 5673'**
- **Greenhorn - 6930'**
- **Graneros - 6979'**
- **Dakota - 7000'**

**Tyra Feil**

---

**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Monday, July 22, 2024 7:27 AM  
**To:** Aliph Reena; Rennick, Kenneth G; Kade, Matthew H; Mason, Lucas E  
**Cc:** Tyra Feil; Alex Prieto-Robles  
**Subject:** RE: [EXTERNAL] Dugan Production Corp. - Anabel C 1 P & A

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NMOCD approves to continue from cibp at 5969 with prior approval from the BLM –

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:** Aliph Reena <Aliph.Reena@duganproduction.com>  
**Sent:** Sunday, July 21, 2024 9:57 PM  
**To:** Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Mason, Lucas E <lmason@blm.gov>  
**Cc:** Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>  
**Subject:** [EXTERNAL] Dugan Production Corp. - Anabel C 1 P & A

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**Re: Dugan Production Corp.**  
**API: 30-045-25452**  
**Anabel C # 1**

We request permission to start P & A operations from Gallup perforations on this well, Plug II on the NOI.

While attempt to run the 4 ½” string mill through the Gallup perforations (6019-6624’) we encountered hard fill at 6534’. We drilled on the fill for 5 hrs with no mode depth made after hard tag at 6534’. We cannot get much circulation to surface as we are below the Gallup perms. We request permission to start P & A operations from Gallup plug onwards from 5969’, CIBP setting depth. Dakota perforations are from 7001’-7028’.

Please let us know and we will proceed accordingly.

Aliph Reena

**Engineering Supervisor**  
Dugan Production Corp.  
Cell: 505-360-9192

**Tyra Feil**

---

**From:** Rennick, Kenneth G <krennick@blm.gov>  
**Sent:** Monday, July 22, 2024 7:27 AM  
**To:** Aliph Reena; Kade, Matthew H; Kuehling, Monica, EMNRD; Mason, Lucas E  
**Cc:** Tyra Feil; Alex Prieto-Robles  
**Subject:** Re: [EXTERNAL] Dugan Production Corp. - Anabel C 1 P & A

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The BLM finds the proposed procedure appropriate.

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---

**From:** Aliph Reena <Aliph.Reena@duganproduction.com>  
**Sent:** Sunday, July 21, 2024 9:57:21 PM  
**To:** Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Mason, Lucas E <lmason@blm.gov>  
**Cc:** Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>  
**Subject:** [EXTERNAL] Dugan Production Corp. - Anabel C 1 P & A

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**Re: Dugan Production Corp.**  
**API: 30-045-25452**  
**Anabel C # 1**

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Please let us know and we will proceed accordingly.

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

## Tyra Feil

---

**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Wednesday, July 24, 2024 7:14 AM  
**To:** Rennick, Kenneth G; Aliph Reena; Kade, Matthew H; Lucero, Virgil S; Mason, Lucas E; Dishface, Natasha N; Jerold Manybeads  
**Cc:** Alex Prieto-Robles; Tyra Feil  
**Subject:** RE: [EXTERNAL] RE: dugan\_abel\_c\_1\_cbl.pdf

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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:** Rennick, Kenneth G <krennick@blm.gov>  
**Sent:** Wednesday, July 24, 2024 6:59 AM  
**To:** Aliph Reena <Aliph.Reena@duganproduction.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Mason, Lucas E <lmason@blm.gov>; Dishface, Natasha N <ndishface@blm.gov>; Jerold Manybeads <jmanybeads@aztecwell.com>  
**Cc:** Alex Prieto-Robles <arobles@aztecwell.com>; Tyra Feil <Tyra.Feil@duganproduction.com>  
**Subject:** Re: [EXTERNAL] RE: dugan\_abel\_c\_1\_cbl.pdf

BLM finds the procedure appropriate.

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---

**From:** Aliph Reena <[Aliph.Reena@duganproduction.com](mailto:Aliph.Reena@duganproduction.com)>  
**Sent:** Tuesday, July 23, 2024 6:25:44 PM  
**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Lucero, Virgil S <[vlucero@blm.gov](mailto:vlucero@blm.gov)>; Mason, Lucas E <[lmason@blm.gov](mailto:lmason@blm.gov)>; Dishface, Natasha N <[ndishface@blm.gov](mailto:ndishface@blm.gov)>; Jerold Manybeads <[jmanybeads@aztecwell.com](mailto:jmanybeads@aztecwell.com)>  
**Cc:** Alex Prieto-Robles <[arobles@aztecwell.com](mailto:arobles@aztecwell.com)>; Tyra Feil <[Tyra.Feil@duganproduction.com](mailto:Tyra.Feil@duganproduction.com)>  
**Subject:** [EXTERNAL] RE: dugan\_abel\_c\_1\_cbl.pdf

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**Re: Dugan Production Corp.**

**Anabel C # 1**

**API: 30-045-25452**

Based on the CBL run on this well, we request the following revisions on the original approved NOI.

1. **Plug I:** Will split Plug I, into two plugs. Will perforate at 5723' for Gallup top and will do inside/outside.
2. **Chacra:** Will split the Chacra plug as its own. Chacra plug will be 3365'-3515'32
3. **Plug VII:** Perforate at 250'. Run open ended to 264'. Circulate cement to surface through BH.

Please let us know if the revised proposal is acceptable to NMOCD/BLM and we will proceed accordingly.

Aliph Reena

**Engineering Supervisor**

Dugan Production Corp.

Cell: 505-360-9192

---

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

**Sent:** Monday, July 22, 2024 3:45 PM

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

**Cc:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; [Vlucero@blm.gov](mailto:Vlucero@blm.gov); Mason, Lucas E <[lmason@blm.gov](mailto:lmason@blm.gov)>; Dishface, Natasha N <[ndishface@blm.gov](mailto:ndishface@blm.gov)>; Jerold Manybeads <[jmanybeads@aztecwell.com](mailto:jmanybeads@aztecwell.com)>

**Subject:** dugan\_anabel\_c\_1\_cbl.pdf

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**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 378684

**CONDITIONS**

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 378684
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	well plugged 7/25/24	10/2/2024