

Well Name: BALLYMALOE	Well Location: T23N / R7W / SEC 25 / NESW / 36.195028 / -107.527928	County or Parish/State: SANDOVAL / NM
Well Number: 2	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM28747	Unit or CA Name:	Unit or CA Number:
US Well Number: 300432067600S1	Operator: DUGAN PRODUCTION CORPORATION	

Subsequent Report

Sundry ID: 2808737

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 08/27/2024	Time Sundry Submitted: 02:59
Date Operation Actually Began: 07/26/2024	

Actual Procedure: Dugan Production P&A'd the well on 7/26/2024 - 8/02/2024 per the attached procedure.

SR Attachments

Actual Procedure

- Ballymaloe\_2\_BLM\_OCD\_apvd\_plug\_changes\_7\_30\_24\_20240827145647.pdf
- Ballymaloe\_2\_SR\_PA\_formation\_tops\_20240827145559.pdf
- Ballymaloe\_2\_SR\_PA\_completed\_schematic\_20240827145550.pdf
- Ballymaloe\_2\_SR\_PA\_work\_20240827145506.pdf

Well Name: BALLYMALOE

Well Location: T23N / R7W / SEC 25 /  
NESW / 36.195028 / -107.527928

County or Parish/State:  
SANDOVAL / NM

Well Number: 2

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM28747

Unit or CA Name:

Unit or CA Number:

US Well Number: 300432067600S1

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 02:57 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: 08/28/2024

Signature: Matthew Kade

Dugan Production P&A'd the well on 07/26/2024 - 08/02/2024 per the following procedure:

- MI&RU Aztec Well Services Rig 481 and cement equipment. Check pressures, Tubing 0 psi, Casing 5 psi, BH 0 psi.
- PU & tally 2-3/8" workstring. TIH w/4½" string mill and run to 5187'.
- RIH & set 4½" a cement retainer @ 5125'. **Gallup perforations @ 5175'-5706'**. Load and circulate hole.
- Circulate hole above the CR. TOOH w/workstring. RU wireline and run CBL from 5125' to surface. Sent copy of CBL and revised procedure to NMOCD/BLM. Copy of communications attached.
- Attempt to pressure test casing, Casing won't test, lost 70 psi in 20 minutes.
- Sting in CR. Squeeze Plug I w/15 sks, 17.3 cu ft Class G neat cement below the cement retainer to cover the Gallup top. Displaced w/19.8 bbls water for displacement. Sting out. Spot plug inside 4½" casing from 5215' w/18 sks (20.7 cu ft) Class G cement to cover the Gallup perforations. Displaced w/18.9 bbls water. WOC overnight. Tagged TOC at 4869'. Good tag. **Plug I, inside 4½" casing, 33 sks, 38 cu ft, Gallup perforations, Gallup top, 4869'-5215'**.
- Spot Plug II inside 4½" casing from 4692' w/18 sks, 20.7 cu ft Class G neat cement to cover the Mancos top and DV tool. Displaced w/17.2 bbls. WOC 4 hrs. Tagged TOC at 4459'. Good tag. **Plug II, inside 4½" casing, 18 sks, 20.7 cu ft, DV tool-Mancos, 4459'-4692'**.
- Spot Plug III inside 4½" casing from 3607' w/18 sks, 20.7 cu ft Class G cement to cover the Mesaverde top. Displaced w/13 bbls water. WOC 4 hrs. Tagged TOC at 3360'. Good tag. **Plug III, inside 4½" casing, 18 sks, 20.7 cu ft, Mesaverde, 3306'-3607'**.
- Spot Plug IV inside 4½" casing from 2922' w/18 sks, 20.7 cu ft Class G neat cement to cover the Chacra top. Displaced w/10.3 bbls water. WOC overnight. Tagged TOC at 2682'. Good tag. **Plug IV, inside 4½" casing, 18 sks, 20.7 cu ft, Chacra, 2682'-2922'**.
- Attempted to pressure test casing to 650 psi. Casing tested good for 30 minutes.
- Spot Plug V inside 4½" casing from 2120' w/45 sks, 51.8 cu ft Class G neat cement to cover the Pictured Cliffs-Fruitland-Kirtland tops to 1541'. Displaced w/5.9 bbls water. **Plug V, inside 4½" casing, 48 sks, 55.2 cu ft, Pictured Cliffs-Fruitland-Kirtland, 1541'-2120'**.
- RIH and shoot squeeze holes at 1498'. Establish circulation through the squeeze holes. RIH and set 4½" cement retainer at 1448'. Spot Plug VI inside/outside 4½" casing from 1498' w/58 sks, 66.7 cu ft Class G neat cement to cover the Ojo Alamo top. 40 sks, 46 cu ft outside casing, 4 sks, 4.6 cu ft below the CR inside casing & 14 sks, 16.1 cu ft above the CR inside casing. Displaced 4.8 bbls water. WOC 4 hrs. Tagged TOC at 1292'. Good tag. **Plug VI, Inside/Outside 4½" casing, perforations at 1498', CR at 1448', 58 sks, 66.7 cu ft, Ojo Alamo, 1292'-1498'**.
- RIH w/wireline and shoot squeeze holes at 276'. Establish rate through the squeeze holes to surface through BH. Rate at 2.6 bpm at 80 psi. Swap to cement. Spot and squeeze Plug VII inside/outside 4½" casing from 276' to surface w/95 sks, 109.3 cu ft, Class G neat cement to cover the Surface casing shoe. Circulate cement to surface through BH. WOC overnight. Cut well head off. Tagged TOC at 2' surface inside 4½" casing and inside annulus. Good tag. **Plug VII, Inside/Outside 4½" casing, perforations at 276', 95 sks, 109.3 cu ft, Surface, 0'-276'**.
- Install dry-hole marker and fill up cellar with 18 sks, 20.7 cu ft Class G neat cement. RD Aztec Rig 481 and cement equipment. Clean location. Joseph Maestas with BLM witnessed job.
- **Well P&A'd 08/02/2024.**

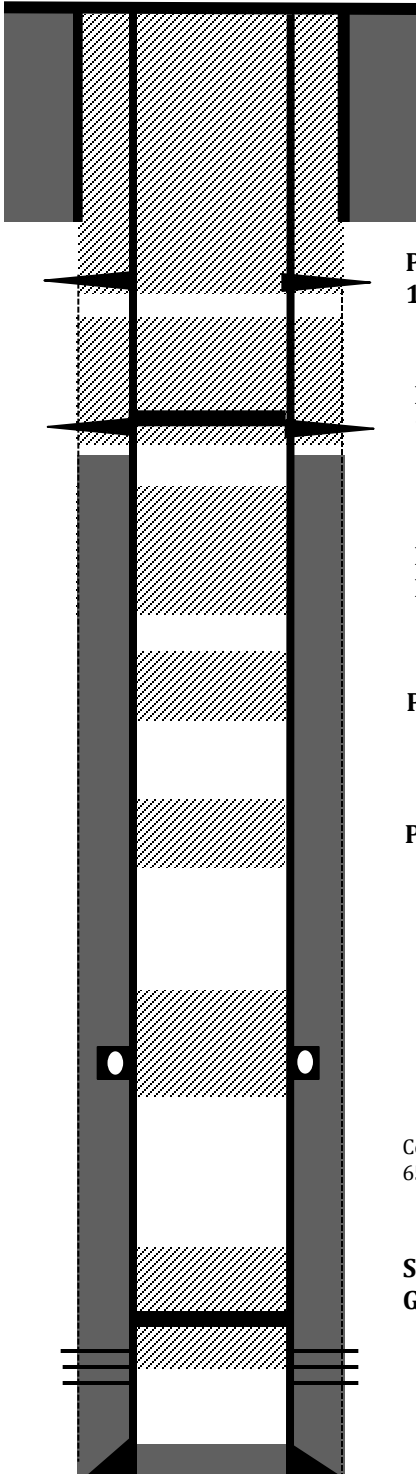
## Ballymaloe #2

Sec 25 T23N R07W

Sec 25 T23N R07W

# Sandoval County, NM

Lat: 36.195405, Long:-107.527844



**Plug VII, Inside/Outside 4 1/2" casing, Perforations at 276', 95 sks,  
109.3 Cu.ft, Surface, 0'-276'**

**Plug VI, Inside/Outside 4 ½" casing, Perforations at 1498', CR at 1448', 58 sks, 66.7 Cu.ft, Ojo Alamo, 1292'-1498'**

**Plug V, Inside 4 ½" casing, 48 sks, 55.2 Cu.ft, Pictured Cliffs-Fruitland-Kirtland, 1541'-2120'**

**Plug IV, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Chacra, 2682'-2922'**

**Plug III, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Mesaverde, 3306'-3607'**

**Plug II, Inside 4 ½" casing, 18 sks, 20.7 Cu.ft, DV tool-Mancos, 4459'-4692'**

Cemented Stage I w/ 200 sks 50-50 poz, 254 cu.ft. **DV tool @ 4642'**. Stage II w/ 550 sks 65/35/12 & 50 sks 50-50, 1291.5 Cu.ft. Total volume: 1545.5 Cu.ft.

**Set 4 ½" CIBP @ 5125'. Plug I, Inside 4 ½" casing, 33 sks, 38 Cu.ft, Gallup Perforations, Gallup top, 4869'-5215'**

**Gallup perforations @ 5175'-5706'**

**4 1/2" 10.5 # casing @ 5773'**

**Ballymaloe #2**

API: 30-043-20676

Sec 25 T23N R07W

1840' FSL & 2280' FWL

Sandoval County, NM

Lat: 36.195405, Long:-107.527844

**Elevation ASL : 7220'**

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

- Surface Casing - 226'
- Ojo Alamo - 1448'
- Kirtland - 1650'
- Fruitland - 1760'
- Pictured Cliffs - 2070'
- Lewis - 2380'
- Chacra - 2870'
- Mesaverde - 3553'
- Mancos - 4633'
- DV tool - 4642'
- Gallup - 5548'
- Perforations - 5175'-5706'

## Tyra Feil

---

**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Tuesday, July 30, 2024 11:17 AM  
**To:** Rennick, Kenneth G; Aliph Reena; Maestas, Joseph I; Kade, Matthew H; Lucero, Virgil S  
**Cc:** Jerold Manybeads; Alex Prieto-Robles; Tyra Feil  
**Subject:** RE: [EXTERNAL] RE: dugan\_ballymaloe\_2\_cbl.pdf

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:** Rennick, Kenneth G <krennick@blm.gov>  
**Sent:** Monday, July 29, 2024 2:42 PM  
**To:** Aliph Reena <Aliph.Reena@duganproduction.com>; Maestas, Joseph I <jimaestas@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>  
**Cc:** Jerold Manybeads <jmanybeads@aztecwell.com>; Alex Prieto-Robles <arobles@aztecwell.com>; Tyra Feil <Tyra.Feil@duganproduction.com>  
**Subject:** Re: [EXTERNAL] RE: dugan\_ballymaloe\_2\_cbl.pdf

The BLM finds the 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:** Monday, July 29, 2024 2:28 PM  
**To:** Maestas, Joseph I <[jimaestas@blm.gov](mailto:jimaestas@blm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Lucero, Virgil S <[vlucero@blm.gov](mailto:vlucero@blm.gov)>  
**Cc:** Jerold Manybeads <[jmanybeads@aztecwell.com](mailto:jmanybeads@aztecwell.com)>; 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\_ballymaloe\_2\_cbl.pdf

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

**Re: Dugan Production Corp.**  
**API: 30-045-20676**  
**Ballymaloe # 2**

Based on the CBL, the TOC appear to be at 1570' & 5050'. Based on the TOC behind the casing from the CBL, we request the following revisions on the plug.

1. Will split Plug I (Gallup-DV-Mancos Plug) into Plug I & Plug II. Will spot 18 sks Class B neat cement on top of the CR, tag and verify. There is no formation top at cement retainer set depth to perforate. Have already squeezed under the CR at 5125' w/ 15 sks, Class G neat cement to cover the Gallup top below the CR as required.
2. Will do DV & Mancos top plug as Plug II, Inside 4 ½" casing from 4692' to 4533'.
3. Will perforate 1498' for Ojo Alamo plug. Will do Inside/Outside plug if a rate can be established through the squeeze holes.
4. Will perforate 276' and will squeeze and circulate cement behind the casing for the surface plug.

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

Aliph

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 29, 2024 1:15 PM  
**To:** Aliph Reena <[Aliph.Reena@duganproduction.com](mailto:Aliph.Reena@duganproduction.com)>  
**Cc:** [jimaestas@blm.gov](mailto:jimaestas@blm.gov); Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>;

[Vlucero@blm.gov](mailto:Vlucero@blm.gov); Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Jerold Manybeads <[jmanybeads@aztecwell.com](mailto:jmanybeads@aztecwell.com)>

**Subject:** dugan\_ballymaloe\_2\_cbl.pdf

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

Sent from my Verizon, Samsung Galaxy smartphone

Get [Outlook for Android](#)

**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 378691

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 378691
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 8/2/24	10/2/2024