

Well Name: MERRY MAY	Well Location: T24N / R10W / SEC 24 / NESE / 36.29724 / -107.84132	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM25842	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452442100S2	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: JAN 24, 2025 07:16 AM

Name: DUGAN PRODUCTION CORPORATION

Title: Authorized Representative

Street Address: PO Box 420

City: FarmingtonState: NM

Phone: (505) 325-1821

Email address: tyrafeil@duganproduction.com

Field

Representative Name: Aliph Reena

Street Address: PO Box 420

City: FarmingtonState: NMZip: 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: 01/24/2025

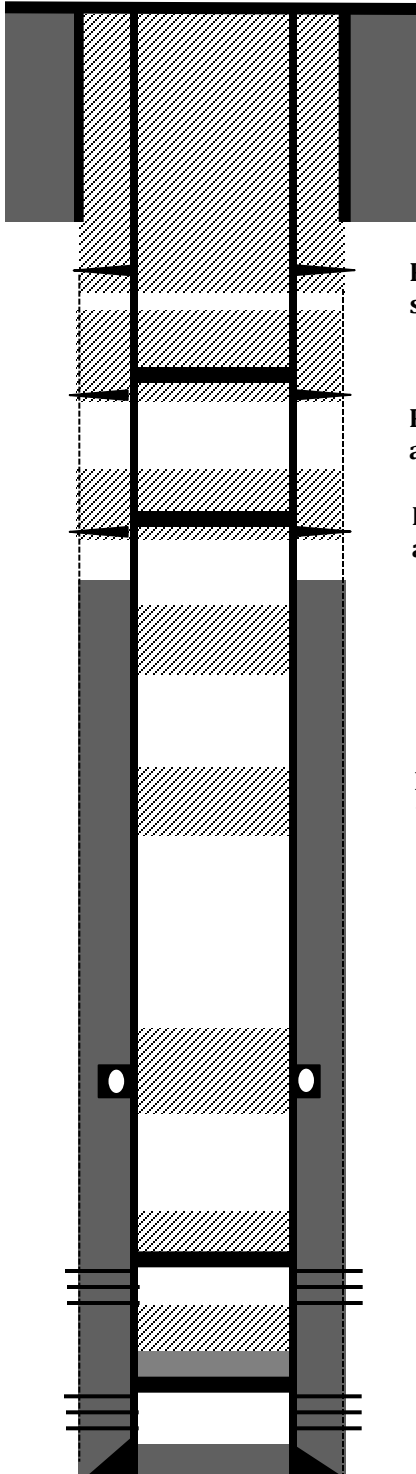
Signature: Matthew Kade

Dugan Production Corp. P&A'd the well on **12/04/2024-12/13/2024** per the following procedure:

- MI&RU Aztec 481 and cement equipment. Spot equipment.
- Check pressures, Tubing 0 psi, Casing 25 psi, BH 0 psi.
- POOH w/2-3/8" production tubing & Rods. LD production tubing.
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- PU & tally 2-3/8" workstring. Run 4½" string mill for casing scraper and clean hole out to 6054'. Tagged CIBP at 6054'. PBTD at 6054'. Informed NMOCD/BLM. Copy of communication attached.
- Spot Plug I inside 4½" casing from 6054' w/22 sks (25.3 cu ft) Class G cement to cover the Dakota till Graneros top. Displaced w/22.3 bbls water. WOC 4 hrs. Tagged TOC at 5740'. Good tag. **Plug I, Inside 4½" casing, 22 sks, 25.3 cu ft, Dakota top, 5740'-6054'.**
- Set 4½" CIBP at 4974'. Gallup perforations are from 5024'-5232'. Load and circulate hole w/81 bbls water. Run CBL from 4974' to surface. Copy of CBL & revised procedure sent to BLM/OCD. Copy of communications attached.
- Attempt to pressure test casing to 650 psi. Casing won't test.
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Spot Plug II inside 4½" casing from 4974' w/30 sks, 34.5 cu ft Class G neat cement to cover the Gallup top and Gallup perforations. Displaced w/17.7 bbls water. WOC 4 hrs. Tagged TOC at 4597'. Good tag. **Plug II, Inside 4½" casing, 30 sks, 34.5 cu ft, Gallup top & Gallup perforations, 4597'-4974'.**
- Spot Plug III inside 4½" casing from 4280' w/24 sks (27.6 cu ft) Class G cement to cover the DV tool, & Mancos top. Displaced w/15.3 bbls water. WOC overnight. Tagged TOC at 3986'. Good tag. **Plug III, Inside 4½" casing, 24 sks, 27.6 cu ft, Mancos-DV, 3986'-4280'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Spot Plug IV inside 4½" casing from 2333' w/40 sks, 46 cu ft Class G cement to cover the Mesaverde & Chacra tops. Displaced w/7 bbls water. Tagged TOC at 1821'. Good tag. **Plug IV, Inside 4½" casing, 40 sks, 46 cu ft, Mesaverde-Chacra, 1821'-2333'.**
- Spot Plug V inside 4½" casing from 1596' w/18 sks, 20.7 cu ft Class G cement to cover the Pictured Cliffs top. Displaced w/5.2 bbls water. WOC overnight. Tagged TOC at 1335'. Good tag. **Plug V, Inside 4½" casing, 18 sks, 20.7 cu ft, Pictured Cliffs, 1335'-1596'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- RU WL & perforate casing at 1093'. RIH w/4½" CR and set CR at 1048'. Sting in and establish injection rate through squeeze holes at 2 BPM @ 250 psi. Swap to cement. Spot Plug VI inside/outside 4½" casing from 1093' w/105 sks, 120.8 cu ft Class G neat cement to cover the Fruitland top. 77 sks-88.6 cu ft outside casing, 4 sks-4.6 cu ft below the retainer inside the 4½" casing, 24 sks-27.6 cu ft on top of the retainer inside 4½" casing. Displaced w/1.5 bbls water. WOC 4 hrs. Tagged TOC at 806'. Good tag. **Plug VI, Inside/Outside 4½" casing, 105 sks, 120.8 cu ft, perforations at 1093', Cement retainer at 1048', Fruitland, 806'-1048'.**

- RU WL & Perforate casing at 750'. RIH w/4½" CR and set CR at 700'. Sting in and establish injection rate through squeeze holes at 0.5 BPM @ 1000 psi. Swap to cement. Spot Plug VII inside/outside 4½" casing from 750' w/83 sks, 95.5 cu ft Class G neat cement to cover the Kirtland & Ojo Alamo top. 29 sks-33.4 cu ft outside casing, 4 sks-4.6 cu ft below the retainer inside the 4½" casing, 50 sks-57.5 cu ft on top of the retainer inside 4½" casing. Displaced w/0.5 bbls water. Locked up to 1000 psi after squeezing 29 sks, 33.4 cu ft outside the retainer. WOC overnight. Tagged TOC at 304'. Good tag. **Plug VII, Inside/Outside 4½" casing, 83 sks, 95.5 cu ft, perforations at 750', Cement retainer at 700', Kirtland-Ojo Alamo, 304'-750'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- RU WL & perforate casing at 296'. Break circulation to surface through BH at 1.5 BPM @ 100 psi. TIH open-ended with tubing to 300'. Spot & squeeze Plug VIII w/114 sks, 131.1 cu ft Class G neat cement. Circulate cement to surface through BH. LD all tubing. WOC 4 hrs. Cut wellhead off. Tagged TOC at 32' inside 4½" casing and 13' inside annulus. Good tag. **Plug VIII, Inside/Outside 4½" casing, perforations at 296', 114 sks, 131.1 cu ft, 0-300'.**
- Fill up cellar and Install dry hole marker with 25 sks, 28.75 cu ft Class G neat cement. RD Aztec 481 and cement equipment. Clay Yazzie w/BLM witnessed job.
- **Well P&A'd 12/13/2024.**

Merry May #1
 API: 30-045-24421
 Sec 24 T24N R10W
 1850' FSL & 790' FEL
 San Juan County, NM
 Lat:36.2973518 Long:-107.8419037



8-5/8" J-55 24# casing @ 244'. Cemented with 150 sks Class B.

Plug VIII, Inside/Outside 4 1/2" casing, Perforations at 296', 114 sks, 131.1 Cu.ft, 0-300'.

Plug VII, Inside/Outside 4 1/2" casing, 83 sks, 95.5 Cu.ft, Perforations at 750', Cement retainer at 700', Kirtland-Ojo Alamo, 304'-750'.

Plug VI, Inside/Outside 4 1/2" casing, 105 sks, 120.8 Cu.ft, Perforations at 1093', Cement retainer at 1048', Fruitland, 806'-1048'.

Plug V, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Pictured Cliffs, 1335'-1596'

Plug IV, Inside 4 1/2" casing, 40 sks, 46 Cu.ft, Mesaverde-Chacra, 1821'-2333'

Plug III, Inside 4 1/2" casing, 24 sks, 27.6 Cu.ft, Mancos-DV, 3986'-4280'

Cemented Stage I w/ 250 sks, Class B w/ 4% gel followed 150 sks Class B, 557 Cu.ft. DV tool @ 4228'. Stage II w/ 400 sks 65-35-12 & 50 sks Class B w/ 4% gel, 1203 Cu.ft. Total slurry 1760 Cu.ft

CIBP @ 4974'. Plug II, Inside 4 1/2" casing, 30 sks, 34.5 Cu.ft, Gallup top & Gallup Perforations, 4597'-4974'.

Gallup Perforated @ 5024'-5232'

Tagged PBTD at @ 6054'. Plug I, Inside 4 1/2" casing, 22 sks, 25.3 Cu.ft, Dakota top, 5740'-6054'

Dakota Perforated @ 6169'-6175', PBTD'ed in 1986 to 6054'.

4 1/2" 10.5 # casing @ 6210'

Merry May #1
API: 30-045-24421
Sec 24 T24N R10W
1850' FSL & 790' FEL
San Juan County, NM
Lat:36.2973518 Long:-107.8419037

Elevation ASL : 6093'

Formation Tops (Referenced for P & A)

- *Surface Casing - 244'*
- *Ojo Alamo - 444'*
- *Kirtland - 559' (BLM), 700' (NMOCD)*
- *Fruitland - 918' (BLM) 1043' (NMOCD)*
- *Pictured Cliffs - 1545'*
- *Lewis - 1628'*
- *Chacra - 1978' (NMOCD), 1992' (BLM)*
- *Mesaverde - 2280'*
- *Mancos - 4150'*
- *DV tool - 4228'*
- *Gallup - 4741'*
- *Gallup Perfs - 5024'-5232'*
- *Graneros - 5956'*
- *Dakota - 6000'*
- *Dakota Perfs - 6169'-6175'*

Tyra Feil

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Tuesday, December 10, 2024 11:50 AM
To: Kuehling, Monica, EMNRD; Aliph Reena; Kade, Matthew H; Lucero, Virgil S; Porch, Dustin T; Yazzie, Clayton T
Cc: Tyra Feil; Alex Prieto-Robles
Subject: Re: [EXTERNAL] RE: dugan_merry_may_001_cbl.pdf

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The BLM finds the proposed procedure by Dugan Production Corp appropriate.

Kenny Rennick

Kenneth (Kenny) Rennick

Petroleum Engineer

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

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, December 10, 2024 11:34 AM
To: Aliph Reena <Aliph.Reena@duganproduction.com>; Kade, Matthew H <mkade@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Porch, Dustin T <dporch@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Yazzie, Clayton T <cyazzie@blm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>
Subject: RE: [EXTERNAL] RE: dugan_merry_may_001_cbl.pdf

Alex and I discussed it – Inside at the Gallup is ok with me if the blm approves – we looked at 1520 – I don't know if you will get anywhere there either was waiting to see what the blm said.

Monica

From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Tuesday, December 10, 2024 11:28 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>; VLucero@blm.gov; Dustin Porch <dporch@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; cyazzie@blm.gov
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>
Subject: RE: [EXTERNAL] RE: dugan_merry_may_001_cbl.pdf

We can perforate Pictured Cliffs to give it a try, if NMOCD wants.

Gallup is mostly all covered, and so we suggest to do inside plug from on top of the bridge plug for Gallup.

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

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, December 10, 2024 11:18 AM
To: Aliph Reena <Aliph.Reena@duganproduction.com>; Kade, Matthew H <mkade@blm.gov>; Vlucero@blm.gov; Dustin Porch <dporch@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; cyazzie@blm.gov
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>
Subject: RE: [EXTERNAL] RE: dugan_merry_may_001_cbl.pdf

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Hello

I am not seeing cement between 4220 and 4740 – questionable cement between 1530 and 1430

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

From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Tuesday, December 10, 2024 11:09 AM
To: Kade, Matthew H <mkade@blm.gov>; Vlucero@blm.gov; Dustin Porch <dporch@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; cyazzie@blm.gov; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>
Subject: [EXTERNAL] RE: dugan_merry_may_001_cbl.pdf

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Re: Dugan Production Corp
Merry May # 1
API: 30-045-24421

- A CIBP was run on the well, reported on sundry on record, 09/12/1986 and a CIBP was set at 6119' to isolate the Dakota perms. Dumped 50' of cement on top of the CIBP w/ new PBTD of 6069' per sundry dated 09/12/1986. While running the string mill during the P & A job we tagged at 6054'. We request that to be the PBTD for the P & A and will

start P & A operations from 6054'. NMOCD & BLM were verbally notified of this with inspector on location and verbal approval was reached regarding this. This will serve as the written record for the same.

- **Plug I, Dakota:** Spot inside plug from 6054' w/ 22 sks, 25.3 Cu.ft from 6054' for Dakota plug to cover Dakota top at the Graneros shale. WOC'ed overnight and tagged TOC at 5740' on 12/09/2024.

Based on the CBL, the top of good cement appears to be around 1430'. Different interpretations are possible on this CBL as the Amplitude values don't reach no cement or empty pipe till around 600'. But for the scope of this P & A operations we suggest we read the top of cement as 1430'. Based on that, we request the following changes.

1. **Plug VI, Fruitland:** Will split Pictured Cliffs and Fruitland plug from originally proposed. Will do Plug VI, Fruitland inside/outside from 1093' (NMOCD Fruitland pick top at 1043', BLM top 918'). Will do Inside/Outside plug from 1093' to 818'. Will perforate at 1093'. Will set a CR at 1043' and will do inside/outside plug from 1093' to 818' w/ 100% volume outside and 50' minimum excess inside.
2. **Plug VII, Kirtland-Ojo Alamo:** Will do Plug VII, Kirtland-Ojo Alamo inside/outside from 750' (NMOCD Kirtland pick top at 700'). Will do inside/outside plug from 700' to 344' to cover the Ojo & Kirtland tops. Will perforate at 700' and set a CR at 650' to do an inside/outside plug w/ excess volume as required. Note, there is some bonding-stringer at 700'-750', so we will have to attempt to perforate higher or do inside plug if no rate cannot be established. Also note stringer at 250'-350'. If no rates can be established we will do inside plugs for Kirtland & Ojo Alamo plugs.
3. **Plug VIII, Surface:** Will do Plug VIII, Surface from 294' to surface. Perforate at 294' and attempt to break circulation to surface. There is some bonding-stringer at 250'-350'. If a rate cannot be established, will attempt to perforate above the stringer and will attempt to get a rate to surface. Will run open ended to 294' and will circulate cement to surface through BH.

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

From: Alex Prieto-Robles <arobles@aztecwell.com>

Sent: Tuesday, December 10, 2024 9:38 AM

To: Aliph Reena <Aliph.Reena@duganproduction.com>

Cc: Kade, Matthew H <mkade@blm.gov>; Vlucero@blm.gov; Dustin Porch <dporch@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; cyazzie@blm.gov; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Tyra Feil <Tyra.Feil@duganproduction.com>

Subject: dugan_merry_may_001_cbl.pdf

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Alex Prieto

Rig Manager – San Juan Basin

Aztec Well Servicing Co.

P.O. Box 100

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 424459

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 424459
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	CBL submitted well plugged 12/13/2024	3/4/2025