

Submit 1 Copy To Appropriate District

Office

District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO.
 30-045-26497

5. Indicate Type of Lease
 STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
 V0-1509

7. Lease Name or Unit Agreement Name

Mary Lou

8. Well Number
 2

9. OGRID Number
 006515

10. Pool name or Wildcat
 Bisti Gallup, South (005860)

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
 Dugan Production Corp.

3. Address of Operator
 PO Box 420, Farmington, NM 87499-0420

4. Well Location

Unit Letter G : 1980 feet from the North line and 1980 feet from the East line

Section 32 Township 24N Range 10W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 6580' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☒
 CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Dugan Production plugged the well on 04/15/2025 – 04/21/2025 per the attached procedure.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Aliph Reena TITLE Engineering Supervisor DATE 7/22/25

Type or print name Aliph Reena, P.E. E-mail address: aliph.reena@duganproduction.com PHONE: 505-325-1821

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Dugan Production P&A'd the well per the following procedure on **04/15/2025 - 04/21/2025:**

- MI&RU Aztec Rig 481 and cement equipment. Spot & RU.
- Check pressures, Tubing 28 psi, Casing 28 psi, BH 0 psi.
- ND WH & NU BOP. LD rods & 2-3/8" rod string and production tubing.
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- PU workstring & 4½" string mill to 4471'. RT string mill.
- Check pressures, Tubing 0 psi, Casing 5 psi, BH 0 psi.
- PU 4½" CIBP and set @ 4420'. Loaded and circulated hole w/70 bbls water.
- **Pressure tested casing to 650 psi for 30 minutes. Casing held, good test.**
- MIRU WL and performed CBL from 4420' to surface.
- Sent copy of CBL & revised procedure to NMOCD. Copy of communications attached.
- **Plug I, Gallup:** Spot Plug I, Inside 4½" casing above the CIBP w/36 sks 41.4 cu ft Class G neat cement to cover Gallup. Displaced w/15.3 bbls water. WOC overnight. Tagged TOC at 3980'. Good tag. **Plug I, Inside 4½" casing, 36 sks, 41.4 cu ft, Gallup top & perforations, 3980'-4268'.**
- **Plug II, Mancos-DV Tool:** Spot Plug II, Inside 4½" casing from 3704' to 3503' w/16 sks, 18.4 cu ft Class G neat cement to cover the Mancos top -DV Tool. Displaced w/13.5 bbls water. **Plug II, Inside 4½" casing, 16 sks, 18.4 cu ft, DV Tool - Mancos, 3503'-3704'.**
- **Plug III, Mesaverde-Lower Chacra-Upper Chacra:** Spot Plug III, Inside 4½" casing from 2168' to 1476' w/54 sks, 62.1 cu ft to cover the Mesaverde, Lower Chacra & Upper Chacra tops. Displaced w/5.7 bbls water. **Plug III, Inside 4½", 54 sks, 62.1 cu ft, Mesaverde-Lower Chacra & Upper Chacra, 1476'-2168'.**
- **Plug IV, Pictured Cliffs:** Spot Plug IV, Inside 4½" casing from 1097' to 896' w/16 sks, 18.4 cu ft Class G neat cement to cover the Pictured Cliffs top. Displaced w/3.4 bbls water. **Plug IV, inside 4½" casing, 16 sks, 18.4 cu ft, Pictured Cliffs, 896'-1097'.**
- **Plug V, Fruitland:** Spot Plug V, Inside 4½" casing from 724' to 233' w/38 sks, 43.7 cu ft Class G neat cement to cover the Fruitland top. Displaced w/0.9 bbls water. **Plug V, Inside 4½" casing, 38 sks, 43.7 cu ft, Fruitland, 233'-724'.**
- **Plug VI, Kirtland-Surface Casing shoe - Surface:** RU WL services. Shoot perforations @ 220' for Surface. RD WL and verified all shots fired. TIH to 230'. Establish rates through squeeze holes at 2.1 bpm, 50 psi. Swap to cement. Spot & Squeeze Plug VI, inside/outside 4½" casing w/98 sks, 112.7 cu ft cement to cover the Kirtland top & surface casing shoe to surface. Circulated 1 bbl cement through BH. WOC 4 hours. Cut wellhead off. Tagged TOC at 12' inside casing and 0' inside annulus. Good tag. **Plug VI, Inside/Outside 4½" casing, perforations at 220', EOT at 230', 98 sks, 112.7 cu ft, Kirtland-Surface casing shoe - Surface, 0'-230'.**
- Fill up cellar & install dry hole marker w/24 sks, 27.6 cu ft Class G neat cement.
- Clean location. RD Aztec 481. PU tools and trash. Empty pits. Move out.
- Witnessed by NMOCD rep on location Clarence Smith.
- **Well P&A'd 04/21/2025.**

4 1/2" 10.5 # casing @ 4838', Hole size 7-7/8"

Mary Lou # 2
API: 30-045-26497
Sec 32 T24N R10W
1980' FNL & 1980' FEL
San Juan County, NM
Lat: 36.271825, Long: -107.917053

Elevation ASL : 6580' GL, 6592' KB

Formation Tops (Referenced for P & A)

- ***Surface Casing* - 217'**
- **Kirtland - 275'**
- **Fruitland - 663'**
- **Pictured Cliffs - 1033'**
- **Lewis - 1070'**
- **Upper Chacra - 1590'**
- **Lower Chacra - 1750'**
- **Mesaverde - 2110'**
- **DV tool - 3604'**
- ***Mancos* - 3654'**
- **Gallup - 4150'**
- **Gallup Perfs - 4470'-4729'**

Tyra Feil

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Thursday, April 17, 2025 3:49 PM
To: Aliph Reena; AWS Units - Alex Robles; Tyra Feil; Smith, Clarence, EMNRD
Subject: RE: [EXTERNAL] RE: Dugan_Mary_Lou_2_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
Cell Phone: 505-320-0243
Email - monica.kuehling@emnrd.nm.gov

From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Thursday, April 17, 2025 12:30 PM
To: AWS Units - Alex Robles <arobles@aztecwell.com>; Tyra Feil <Tyra.Feil@duganproduction.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Smith, Clarence, EMNRD <Clarence.Smith@emnrd.nm.gov>
Subject: [EXTERNAL] RE: Dugan_Mary_Lou_2_CBL.pdf

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RE: Dugan Production Corp.
Mary Lou # 2
API: 30-045-26497

Please see the attached CBL for Dugan Production's Mary Lou # 2. Based on the CBL, we request the following changes to the original approved NOI.

- The TOC appear to be around 230'.
- A section below the DV tool from 3650'-3970' has been noted, but there is some acceptable cement bonding in that section looking at the Variable Density curve. We do not expect to get a rate through there and therefore request not to perforate that section of casing. We request to do an **inside plug for Plug II, Mancos – DV tool plug** as approved in the original NOI.

- **Plug V:** Will split the plugs. Will do Fruitland plug as inside plug. For Kirtland-Surface plug, we will do inside/outside by perforating at 220'. Will squeeze and do an inside/outside plug for Kirtland-Surface and circulate cement to surface through BH.
- We also have a good test on the casing.

If the requested changes are acceptable to NMOCD, please let us know and we will proceed accordingly.

Aliph Reena P.E

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

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

Sent: Thursday, April 17, 2025 11:34 AM

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

Cc: Tyra Feil <Tyra.Feil@duganproduction.com>; MONICA <monica.kuehling@emnrd.nm.gov>; VIRGIL <vlucero@blm.gov>; clarence.smith@emnrd.nm.gov

Subject: Dugan_Mary_Lou_2_CBL.pdf

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Alex Prieto

Rig Manager – San Juan Basin
Aztec Well Servicing Co.
P.O. Box 100
Aztec, New Mexico 87410
Cell: 505-419-9882
Office: 505-334-6191
Arobles@aztecwell.com



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 487242

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 487242
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	7/23/2025