

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.
30-045-05538
5. Indicate Type of Lease
STATE [X] FEE []
6. State Oil & Gas Lease No.
E0-5184
7. Lease Name or Unit Agreement Name
Manrose
8. Well Number
1
9. OGRID Number
006515
10. Pool name or Wildcat
Ballard Pictured Cliffs (71439)
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6978' GL

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 [X] Other []
2. Name of Operator
Dugan Production Corp.
3. Address of Operator
PO Box 420, Farmington, NM 87499
4. Well Location
Unit Letter L : 1615 feet from the South line and 854 feet from the West line
Section 2 Township 25N Range 8W NMPM Rio Arriba County
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6978' 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 and abandoned the well on 03/11/2026 - 03/17/2026 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 March 25, 2026

Type or print name Aliph Reena, PE 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 plugged and abandoned the **Manrose 1** from **3/11/26 to 3/17/26** per the following procedure:

- MI&RU Aztec Well Service Rig 481. Spot in and RU cement equipment.
- Check pressures: Tubing 25 psi, Casing 25 psi, BH 0 psi.
- LD production tubing.
- PU & tally 2-3/8" work string. Run 5½" string mill to scrape casing to 2650'.
- RIH & set 4½" CIBP to 2640'. **Pictured Cliffs perforations @ 2679'-2741'**.
- Load and circulate hole clean with 70 bbls of water.
- Run CBL from 2640' to surface. Sent copy of CBL to NMOCD. Copy of communications attached.
- Check pressures: Tubing 0 psi, Casing 10 psi, BH 0 psi.
- Attempt to pressure test casing to 600 psi, test failed.
- **Plug I, Pictured Cliffs Perforations-Pictured Cliffs-Fruitland tops:** Sting in the cement retainer, established injection rate: 3 bbls/min at 300 psi. Swap to cement. Squeeze 50 sks, 57.50 cu ft Class G cement with 1% CaCl to cover the Pictured Cliffs below the retainer until the top perforation at 2679. Sting out. Spot Plug I inside 5½" casing above cement retainer @ 2640' with 40 sks (46 cu ft) Class G cement with 1% CaCl to cover the Pictured Cliffs & Fruitland tops. Total 90 sks, 103.5 cu ft cement. Displaced with 8.9 bbls of water. WOC 4 hrs. Tagged TOC at 2281'. Good tag. **Plug I, Inside 5½" casing, cement retainer at 2640', 90 sks, 103.5 cu ft, Pictured Cliffs-Fruitland, 2281'-2679'.**
- **Plug II, Kirtland top:** Spot Plug II inside 5½" casing from 2159' with 37 sks, 42.55 cu ft Class G neat cement to cover the Kirtland top. Displaced with 7.3 bbls of water. WOC overnight. Tagged TOC at 1900'. Good tag. **Plug II, Inside 5½" casing, 37 sks, 42.55 cu ft, Kirtland top, 1900'-2159'.**
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- **Pressure test casing to 650 psi for 30 minutes. Good test.**
- **Plug III, Ojo Alamo top:** MI WL. RIH and shoot squeeze holes at 1895', EOT at 1900', attempt to establish injection rate: Locked up to 650 psi, no rate. Spot Plug III inside 5½" casing from 1900' with 18 sks, 20.7 cu ft Class G cement with 2% CaCl₂ to cover the Ojo Alamo top. Displaced with 6.7 bbls of water. WOC 4 hrs. Tagged TOC at 1749'. Good tag. **Plug III, Inside 5½" casing, perforations at 1895', EOT 1900', 18 sks, 20.7 cu ft, Ojo Alamo top, 1749'-1900'.**
- **Plug IV, surface casing shoe-Surface:** MI WL. RIH and shoot squeeze holes at 200', EOT at 219', established good circulation through BH to surface. Swap to cement, squeeze Plug IV inside/outside 5½" casing from 219' to surface w/90 sks, 103.5 cu ft Class G neat cement to cover from 219' to surface. No displacement. WOC overnight. MI welder, cut wellhead off. Tagged TOC at 0' inside, 3' annulus. **Plug IV, Inside/outside 5½" casing, perforations at 200', EOT @ 219', 90 sks, 103.5 cu ft, surface casing shoe to surface, 0-219'.**
- Fill cellar and install dry hole marker with 28 sks, 32.2 cu ft, Class G neat cement.
- RD Aztec Well Service Rig 481. Clean location, move.
- Rooster Foster with NMOCD witnessed the job.
- Photos of P&A marker and GPS coordinates attached per NMOCD COA.
- **Well P&A'd on 3/17/2026.**

Completed P & A Wellbore Schematic

Manrose 1

30-045-05538

Pictured Cliffs

1615' FSL & 854' FWL

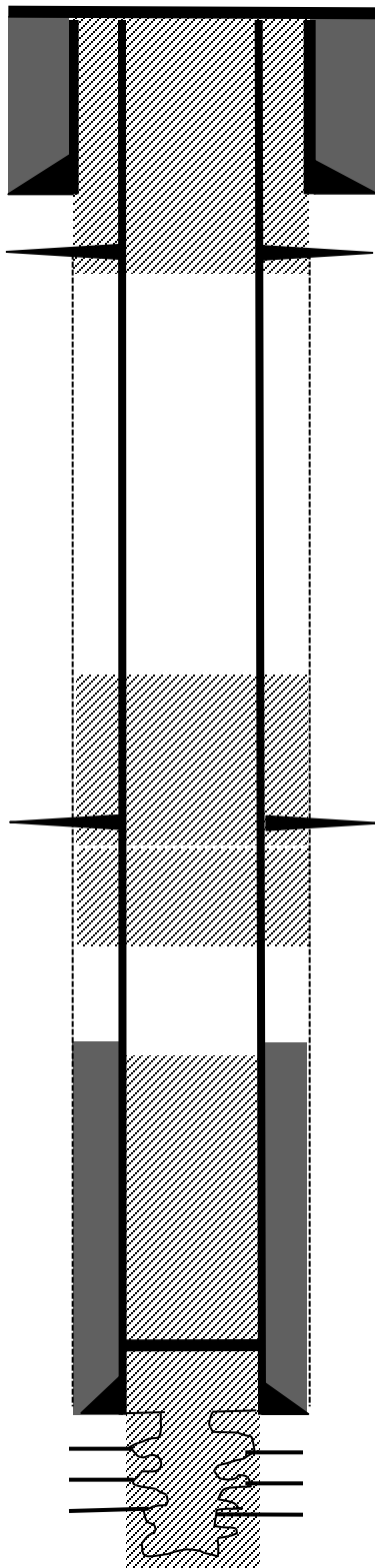
L s2-T25N-R08W

San Juan County, NM

8-5/8" 23#, J-55 casing @ 115': Hole size -12-1/4"

Cemented with 75 sks, cement.

Plug IV, Inside/outside 5 1/2" casing, Perforations at 200', EOT @ 219', 90sks, 103.5 cu ft, surface casing shoe to surface, 0-219'.



Plug III, Inside 5 1/2" casing, Perforations at 1895', EOT 1900', 18 sks, 20.7 cu ft, Ojo Alamo top, 1749'-1900'.

Plug II, Inside 5 1/2" casing, 37 sks, 42.55 cu ft, Kirtland top, 1900'-2159'.

Set 5 1/2" CR @ 2640'. Squeeze 50 sks, 57.5 cu ft under CICR to cover the Pictured Cliffs Perforations.

Plug I, Inside 5 1/2" casing, cement retainer at 2640', 90 sks, 103.5 cu ft, Pictured Cliffs-Fruitland, 2281'-2679'.

5 1/2" 14#, J-55 casing @ 2659'. Hole size: 7-7/8"

Cement w/ 100 sks cement.

Pictured Cliffs Perforated @ 2679' - 2741'

PBTD @ 2669', TD 2745'

Manrose 1
30-045-05538
Pictured Cliffs
1615' FSL & 854' FWL
L s2-T25N-R08W
San Juan County, NM

Formation Tops (Referenced for the P & A)

- **Surface Casing - 115'**
- **Ojo Alamo - 1912'**
- **Kirtland - 2095'**
- **Fruitland - 2463'**
- **Perforations - 1914'-1936'**
- **Pictured Cliffs - 2676'**

Tyra Feil

From: Brian McCann <bmccann@aztecwell.com>
Sent: Thursday, March 12, 2026 5:23 PM
To: Aliph Reena
Cc: Tyra Feil; Alex Robles; Indalecio Roldan; Diede, Loren, EMNRD; Rennick, Kenneth G; Lucero, Virgil S; Garcia, John, EMNRD; Foster, Rooster, EMNRD
Subject: Re: Manrose 1 CBL

Based on cbl would like to request splitting plug 2 into separate plugs. Inside plug for kirtland Perforate at 1895 and pump inside outside plug for ojo Alamo. If no injection will pump as inside plug

Get [Outlook for iOS](#)

From: Brian McCann
Sent: Thursday, March 12, 2026 3:39:04 PM
To: Aliph Reena <aliph.reena@duganproduction.com>
Cc: Tyra Feil <tyra.feil@duganproduction.com>; Alex Robles <arobles@aztecwell.com>; Indalecio Roldan <indalecio.roldan@duganproduction.com>; Diede, Loren, EMNRD <loren.diede@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Garcia, John, EMNRD <johna.garcia@emnrd.nm.gov>; Foster, Rooster, EMNRD <rooster.foster@emnrd.nm.gov>
Subject: Manrose 1 CBL

CBL for Manrose 1 is attached.

CAUTION: This email originated from outside your organization. Exercise caution.



**DUGAN PRODUCTION
CORP.**
MANROSE #1
EO-5184 API #30-045-05538
NW/4 NE/4, UNIT L
Sec. 2, T25N, R8W
1615' FSL & 854' FWL
LAT. 36.4262238 LONG. -107.6573181
SAN JUAN COUNTY, NM
FOR EMERGENCY CALL 505-325-1823







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 566716

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 566716
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	3/26/2026