

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. 30-045-27693
5. Indicate Type of Lease Fed Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V0-2364
7. Lease Name or Unit Agreement Name Roadrunner
8. Well Number #1
9. OGRID Number 006515
10. Pool name or Wildcat Bisti Gallup, South (5860)

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 O : 660 feet from the South line and 1980 feet from the East line

Section 36 Township 24N Range 11W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 6565' GR

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 P&A'd the well on 6/25/24 – 7/1/24 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 8/6/24

Type or print name Aliph Reena, P.E. E-mail address: Aliph.Reena@duganproduction.com PHONE: 505-360-9192

**For State Use Only**

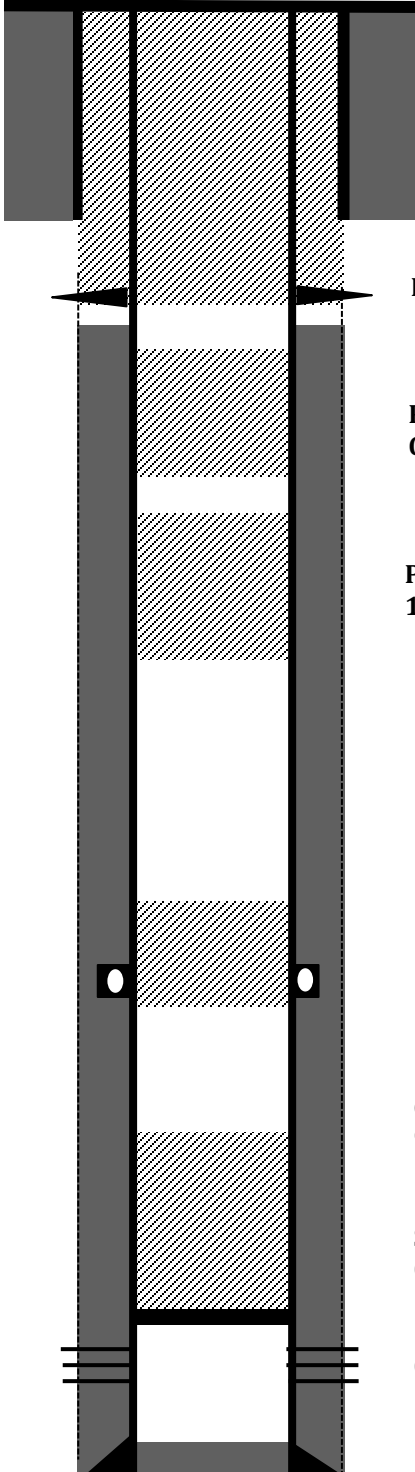
APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

Dugan Production P&A'd the well on 06/25/2024-07/01/2024 per the following procedure:

- MI&RU Aztec Rig 481 and cement equipment. Spot equipment. NU BOP.
- Check pressures, Tubing 150 psi, Casing 150 psi, BH 0 psi.
- PU & tally 2-3/8", 4.7#, J-55 workstring. TIH w/4½" string mill. Run string mill to 4300'. Cannot make any more hole w/string mill & hurricane bit. Hard tag. Gallup perforations @ 4394'-4575'.
- Requested NMOCD to start P&A operations from 4300' instead of 4344' as permitted in the NOI. Request accepted by NMOCD.
- RIH & set 4½" CIBP @ 4300'. **Gallup perforations @ 4394'-4575'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi. Load and circulate hole. Attempt to pressure test casing to 650 psi for 30 minutes. Casing won't test.
- Run CBL from 4300' to surface. Sent copy and revised proposal to NMOCD. Copy of communication attached. CBL is also submitted to NMOCD along with this SR.
- Spot Plug I inside 4½" casing from 4300' w/25 sks (28.8 cu ft) Class G cement to cover the Gallup top & Gallup perforations. Displaced w/15.4 bbls water. WOC overnight. Tagged TOC at 4197'. Tagged low. Spotted 20 sks (23 cu ft) on top from 4197'. WOC 4 hrs. Tagged TOC at 3972'. Good tag. **Plug I, inside 4½" casing, 45 sks, 51.75 cu ft, Gallup perforations - Gallup top, 3972'-4300'.**
- Spot Plug II inside 4½" casing from 3659' w/24 sks (27.6 cu ft) Class G cement to cover the DV tool, & Mancos top. Displaced w/12.9 bbls water. WOC 4 hrs. Tagged TOC at 3358'. Good tag. **Plug II, inside 4½" casing, 24 sks, 27.6 cu ft, Mancos-DV tool, 3358'-3659'.**
- Spot Plug III inside 4½" casing from 1739' w/50 sks, 57.5 cu ft Class G neat cement to cover the Mesaverde & Chacra tops. Displaced w/4.2 bbls water. WOC overnight. Tagged TOC at 1115'. Good tag. **Plug III, inside 4½" casing, 50 sks, 57.5 cu ft, Mesaverde-Chacra, 1115'-1739'.**
- Check pressure, Tubing 0 psi, Casing 0 psi, BH 0 psi. Attempt to pressure test casing. Casing tested good at 650 psi for 30 minutes.
- Spot Plug IV inside 4½" casing from 1007' to 491' w/40 sk, 46 cu ft Class G neat cement to cover the Pictured Cliffs-Fruitland tops. Displaced w/1.9 bbls water. **Plug IV, inside 4½" casing, 40 sks, 46 cu ft, Fruitland-Pictured Cliffs, 491'-1007'.**
- RU wireline and shoot squeeze holes at 150'. Establish rate to surface through BH. RIH w/2-3/8" tubing to 268'. Spot Plug V inside/outside 4½" casing from 268' to surface w/ 68 sks, 78.2 cu ft, Class G neat cement to cover the Kirtland & surface casing shoe. Circulated 1 bbl cement to surface. WOC 4 hrs. Cut wellhead off. Tagged TOC at 0' inside 4½" and at 0' inside the annulus. Good tag. **Plug V, inside 4½" casing, 68 sks, 78.2 cu ft, Kirtland-Surface, 0'-268'.**
- Fill up cellar and install dry-hole marker w/18 sks, 20.7 cu ft Class G neat cement. Clean location. RD Aztec 481. Thomas Vermersch w/NMOCD witnessed job.
- **Well P&A'd 07/01/2024.**

Lat:36.2644577 Long:-107.9525223



8-5/8", 24# casing @ 217'. Cemented with 150 sks Class B, 177 cu.ft.  
Circulated 5 bbl cement to surface. **Hole size 12-1/4"**

**Plug V, Inside 4 1/2" casing, 68 sks, 78.2 Cu.ft, Kirtland-Surface, 0'-268'**

**Plug IV, Inside 4 ½" casing, 40 sks, 46 Cu.ft, Fruitland-Pictured Cliffs, 491'-1007'**

**Plug III, Inside 4 ½" casing, 50 sks, 57.5 Cu.ft, Mesaverde-Chacra,  
1115'-1739'**

**Plug II, Inside 4 ½" casing, 24 sks, 27.6 Cu.ft, Mancos-DV tool,  
3358'-3659'**

Cemented Stage I w/ 225 sks 50-50 poz, 275 cu.ft. **DV tool @ 3609'**. Stage II w/ 700 sks 65/35/12 & 50 sks 50-50, 1608 Cu.ft. Total volume: 1883 Cu.ft.

**Set 4 ½" CIBP @ 4300'. Plug I, Inside 4 ½" casing, 45 sks, 51.75 Cu.ft, Gallup Perforations - Gallup top, 3972'-4300'**

**Gallup perforations @ 4394'-4575'**

**4 1/2" 10.5 # casing @ 4699'**

**Roadrunner #1**

API: 30-045-27693

Sec 36 T24N R11W

660' FSL & 1980' FEL

San Juan County, NM

Lat:36.2644577 Long:-107.9525223

**Elevation ASL : 6565'**

**Formation Tops**

- **Kirtland - Surface**
- **Surface Casing - 217'**
- **Fruitland - 596'**
- **Pictured Cliffs - 957'**
- **Lewis - 1110'**
- **Chacra - 1283'**
- **Mesaverde - 1683'**
- **Mancos - 3530'**
- **DV tool - 3609'**
- **Gallup - 4166'**
- **Perforations - 4394'-4575'**

**Tyra Feil**

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**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Thursday, June 27, 2024 1:56 PM  
**To:** Aliph Reena; Vermersch, Thomas, EMNRD  
**Cc:** Tyra Feil; Alex Prieto-Robles  
**Subject:** RE: [EXTERNAL] Dugan Production Corp : CBL & Revised Procedure

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

NMOCD approves below – please keep Thomas informed

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

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**From:** Aliph Reena <Aliph.Reena@duganproduction.com>  
**Sent:** Thursday, June 27, 2024 1:37 PM  
**To:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Vermersch, Thomas, EMNRD <Thomas.Vermersch@emnrd.nm.gov>  
**Cc:** Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>  
**Subject:** [EXTERNAL] Dugan Production Corp : CBL & Revised Procedure

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**Re: Dugan Production Corp**  
**Road Runner # 1**  
**API: 30-045-27693**

After running the CBL, the top of cement appear to be at 170'. We request to make the following revisals to the originally approved procedure.

1. **Plug V:** Perforate @ 150'. TIH w/ tubing to 267'. Fill up 4 ½" casing from 267' and circulate hole to surface through BH from 150' through squeezeholes.
2. Dugan Production reported we felt a hard tag at 4287'. PU String mill with a hurricane bit on the bottom and RIH and cleaned out to 4300' and was not able to make any more depth. Dugan Production requested NMOCD for a permission to start P & A operations from 4300' instead of 4344 as approved in the original NOI. A verbal was

granted. TIH and set the 4 ½" CIBP at 4300'. P & A operations to begin from 4300'. Gallup perforations at 4394'-4575'.

If these above requests are acceptable to NMOCD, Please let us know and we will proceed accordingly.

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

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**From:** Alex Prieto-Robles <[arobles@aztecwell.com](mailto:arobles@aztecwell.com)>  
**Sent:** Thursday, June 27, 2024 12:13 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)>; Vermersch, Thomas, EMNRD <[thomas.vermersch@emnrd.nm.gov](mailto:thomas.vermersch@emnrd.nm.gov)>  
**Subject:** dugan\_roadrunner\_1\_cbl.pdf

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**District I**  
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**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 370722

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 370722
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 7/1/2024	8/8/2024