

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 ResourcesForm C-103  
Revised July 18, 2013OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.

30-045-27053

5. Indicate Type of Lease Fed Lease

STATE ☒ FEE ☐

6. State Oil &amp; Gas Lease No.

LG-5686

7. Lease Name or Unit Agreement Name

Squash Blossom AFU State

8. Well Number

1

9. OGRID Number

006515

10. Pool name or Wildcat

Bisti, So. Gallup (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 : 760 feet from the South line and 1980 feet from the East lineSection 36 Township 24N Range 10W NMPM San Juan County

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

6928' 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 Corp. P&amp;A'd the well on 03/13/2025 – 03/19/2025 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 7/1/25Type or print name Aliph Reena, P.E. E-mail address: Aliph.Reena@duganproduction.com PHONE: 505-360-9192**For State Use Only**

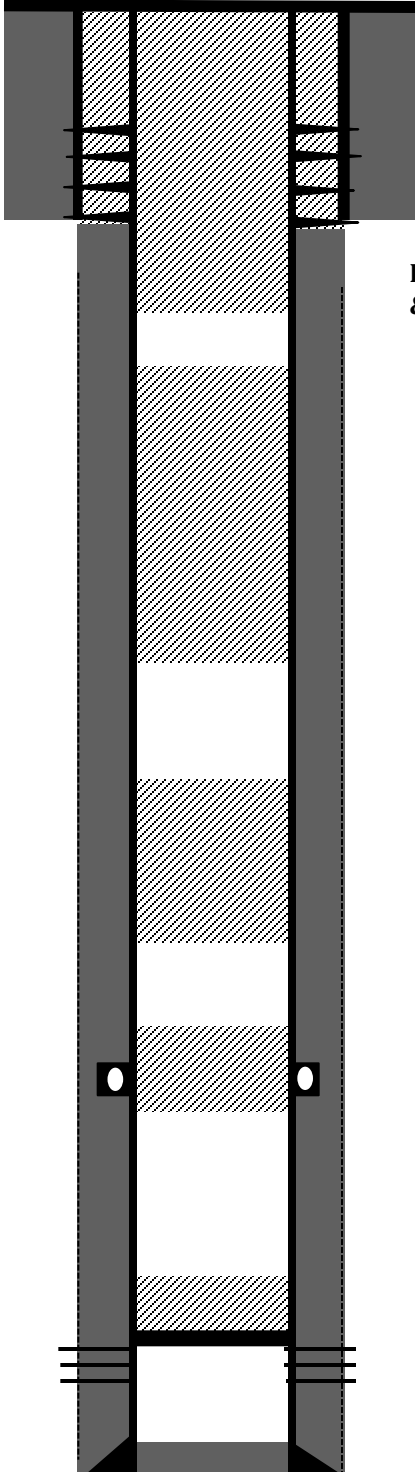
APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

Dugan Production Corp. P&A'd the well on 03/13/2025 – 03/19/2025 per the following procedure:

- MI&RU Aztec Rig 481 & cement equipment. Spot in. ND WH & NU BOP.
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- PU & tally 2-3/8" 4.7# workstring. TIH & top of CR at 4490'. Circulate hole clean w/80 bbls water. Attempt to pressure test casing 650 psi, casing won't test, lost 30 psi in 1 minute. TOOH w/tubing.
- RU wireline & run CBL from 4475'. Sent copy of CBL & revised procedures to NMOCD. Copy of communications attached.
- *Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.*
- **Plug I:** TIH and tag sub to 4490'. Spot Plug I inside 4½" casing w/18 sks, Class G neat cement to cover the Gallup top & Gallup perforations. Displace w/16 bbls displacement. RO from 4263'. Circulate 0.3 bbls cement to surface. WOC 4 hrs. Tagged TOC at 4279'. Good tag. **Plug I, inside 4½" casing, 18 sks, 20.7 cu ft, Gallup top – Gallup perforations, 4279'-4490'.**
- **Plug II:** Spot Plug II inside 4½" casing w/30 sks, 34.5 cu ft Class G neat cement to cover the Mancos & DV tool top. Displaced w/13.5 bbls. RO from 3579'. Circulated 0.3 bbls cement to surface. WOC 4 hrs. Tagged TOC at 3610'. Good tag. **Plug II, inside 4½" casing, 30 sks, 34.5 cu ft, Mancos-DV tool, 3610'-3993'.**
- **Plug III:** Spot Plug III inside 4½" casing w/49 sks, 56.35 cu ft Class G neat cement to cover the Mesaverde-Lower Chacra-Upper Chacra tops. Displaced w/5.5 bbls. Reverse out from 1484. Circulated 0.3 bbls cement back. WOC overnight. TIH w/tag sub & tagged TOC at 1554', good tag. **Plug III, inside 4½" casing, 49 sks, 56.35 cu ft, Mesaverde-Lower Chacra-Upper Chacra, 1554'-2154'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Attempt to pressure test casing to 650 psi, Casing wont test.
- **Plug IV:** Spot Plug IV, inside 4½" from 1406' w/70 sks, 80.5 cu ft Class G neat cement to cover the Pictured Cliffs-Fruitland & Ojo Alamo tops. Displaced w/1.5 bbls water. WOC 4 hrs. Tagged TOC at 560', good tag. **Plug IV, inside 4½" casing, 70 sks, 80.5 cu ft Class G, Pictured Cliffs-Fruitland-Kirtland-Ojo Alamo, 560'-1406'.**
- RU Wireline & shoot squeeze holes at 255'. Attempt to get circulation to surface, no rate, locked up to 650 psi. Perforate at 220 & attempted to get a rate, no rate. Perforated at 150', try to get a rate. Got rage at 0.4 bbls/minute at 650 psi. Pumped 10 bbls but cannot get a rate through BH.
- *Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.*
- RU Wireline and shoot squeeze holes at 100'. Attempt to get rate to surface through the squeeze holes. Got rate at 1.5 bpm at 400 psi. No circulation through bradenhead. Asked permission to do the plug without circulation through bradenhead and fill up casing from surface. NMOCD approved.
- **Plug V:** Spot Plug V, inside/outside 4½" casing from 312' w/141 sks, 162.2 cu ft Class G neat cement to cover the surface casing shoe to surface – 116 sks, 133.4 cu ft outside casing, 25 sks, 28.8 cu ft inside casing. No displacement. WOC 4 hrs. RU welder and start cutting wellhead off. Tagged TOC at 20' inside 4½" casing and 20' inside annulus. Good tag. **Plug V, inside/outside 4½" casing, perforations at 255', 220', 150' & 100', 141 sks, 162.2 cu ft, Surface, 0-312'.**
- Fill up cellar and install DHM w/34 sks, 39.1 cu ft Class G neat cement. Clarence Smith w/OCD witnessed job.
- **Well P&A'd 3/19/2025.**

Lat:36.265314    Long:-107.845916



**4 1/2" 9.5 # casing @ 5198'**

API: 30-045-27053

Sec 36 T24N R10W

760' FSL & 1980' FEL

San Juan County, NM

Lat:36.265314 Long:-107.845916

**Elevation ASL : 6928' GR**

**Formation Tops (Operator Submitted)**

- *Surface Casing* - 268'
- *Ojo Alamo* - 714'
- *Kirtland* - 909'
- *Fruitland* - 1125'
- *Pictured Cliffs* - 1356'
- *Lewis* - 1528'
- *Upper Chacra* - 1713'
- *Lower Chacra* - 1916'
- *Mesaverde* - 2104'
- *DV tool* - 3801'
- *Mancos* - 3933'
- *Gallup* - 4791'
- *Gallup Perfs* - 4544'-5022'

## Tyra Feil

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**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Monday, March 17, 2025 10:06 AM  
**To:** Aliph Reena; Smith, Clarence, EMNRD  
**Cc:** Tyra Feil; Alex Prieto-Robles; Omar Ramirez  
**Subject:** RE: [EXTERNAL] RE: Squash Blossom AFU State #1 CBL

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

Good morning,

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

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**From:** Aliph Reena <Aliph.Reena@duganproduction.com>  
**Sent:** Monday, March 17, 2025 9:34 AM  
**To:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Smith, Clarence, EMNRD <Clarence.Smith@emnrd.nm.gov>  
**Cc:** Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>; Omar Ramirez <oramirez@aztecwell.com>  
**Subject:** [EXTERNAL] RE: Squash Blossom AFU State #1 CBL

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

**Re: Dugan Production Corp.**  
**Squash Blossom AFU State # 1**  
**API: 30-045-27053**

Hi Monica,

Based on the CBL the TOC appear to be around 260'. Based on the CBL we request the following changes to the P & A procedure.

- **Surface Plug:** We can attempt to perforate at 255' and try to get circulation to surface. If we cannot get circulation to surface, we will perforate higher and attempt again.

All other plugs will be inside plugs as proposed in the original Approved NOI to P & A.

Please let us know if the changes are acceptable to NMOCD and we will proceed accordingly.

Aliph Reena  
505-360-9192

**Aliph Reena P.E**  
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:** Friday, March 14, 2025 2:33 PM  
**To:** Aliph Reena <[Aliph.Reena@duganproduction.com](mailto:Aliph.Reena@duganproduction.com)>  
**Cc:** Tyra Feil <[Tyra.Feil@duganproduction.com](mailto:Tyra.Feil@duganproduction.com)>; MONICA <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; [Clarence.smith@emnrd.nm.gov](mailto:Clarence.smith@emnrd.nm.gov);  
Omar Ramirez <[oramirez@aztecwell.com](mailto:oramirez@aztecwell.com)>  
**Subject:** Squash Blossom AFU State #1 CBL

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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](mailto: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 480721

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 480721
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	7/3/2025