

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 & 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 plans to plug and abandon the well per 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 3/5/25Type 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 plans to plug and abandon the well per the following procedure:

- PU & tally 2-3/8" workstring. Run 4½" casing scraper to 4500'. RIH & set 4½" CIBP @ 4494'. Gallup perforations @ 4544'-5022'.
- Load and circulate hole and Run CBL from 4494' to surface. All plugs are designed assuming cement behind casing to surface. Will make necessary changes to the plugs after reviewing the CBL.
- **Plug I:** Spot Plug I inside 4½" casing from 4494' on top of the CIBP to cover till 4394' w/12 sks (13.8 cu ft) Class G cement to cover the Gallup top & perforations. **Plug I, Inside 4½" casing, 12 sks, 13.8 cu ft, Gallup top-perforations, 4394'-4494'.**
- **Plug II:** Spot Plug II inside 4½" casing from 3988' to 3701' w/24 sks (27.6 cu ft) Class G cement to cover the DV tool, & Mancos top. **Plug II, Inside 4½" casing, 24 sks, 27.6 cu ft, Mancos-DV, 3701'-3988'.**
- **Plug III:** Spot Plug III inside 4½" casing from 2154' to 1613' w/44 sks, 50.6 cu ft Class G cement to cover the Mesaverde, Lower Chacra & Upper Chacra tops. **Plug III, Inside 4½" casing, 44 sks, 50.6 cu ft, Mesaverde-Lower Chacra-Upper Chacra, 1613'-2154'.**
- **Plug IV:** Spot Plug IV inside 4½" casing from 1406' to 614' w/64 sks, 73.6 cu ft Class G cement to cover the Pictured Cliffs, Fruitland, Kirtland & Ojo Alamo tops. **Plug IV, Inside 4½" casing, 64 sks, 73.6 cu ft, Pictured Cliffs-Fruitland-Kirtland & Ojo Alamo, 614'-1396'.**
- **Plug V:** Spot Plug V inside 4½" casing from 318' to surface w/26 sks (29.9 cu ft) Class G cement to cover the surface casing shoe to surface. **Plug V, Inside 4½" casing, 26 sks, 29.9 cu ft, Surface, 0'-318'.**
- Cut wellhead. Tag TOC at surface. Fill cement in case needed.
- Install dry hole marker. Clean location.

Current Wellbore Schematic

Squash Blossom AFU State #1

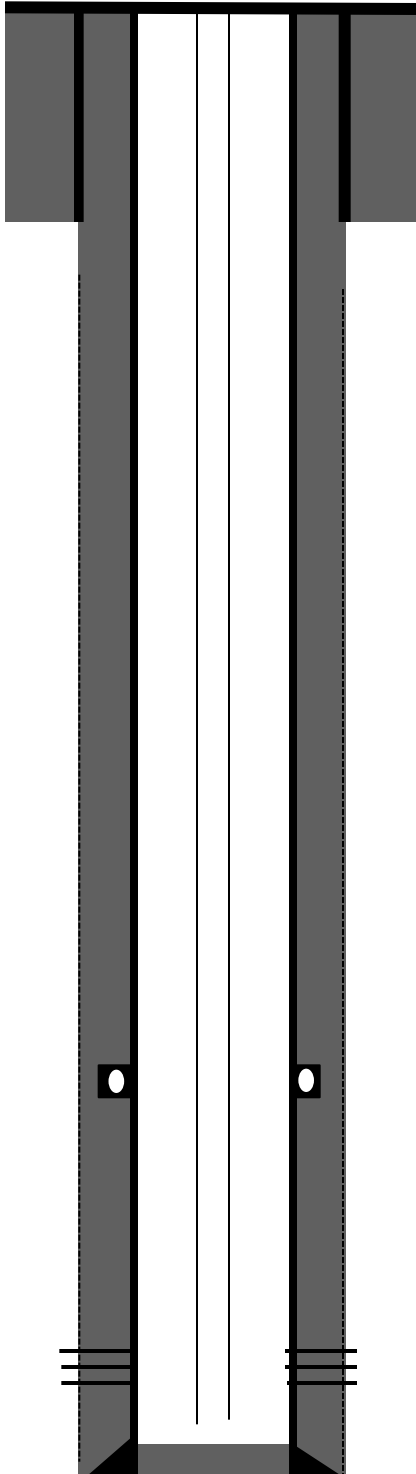
API: 30-045-27053

Sec 36 T24N R10W

760' FSL & 1980' FEL

San Juan County, NM

Lat:36.265314 Long:-107.845916



8-5/8" J-55 24# casing @ 268'. Cemented with 180 sks Class B.
Circulated 50 sks cement to surface

Cemented Stage I w/ 3300 sks 50/50 poz followed by 50 Class B w/ 4% gel. 75 sks cement
circulated Stage I. **DV tool @ 3801'**. Stage II w/ 665 sks 65-35-12 & 50 sks Class B. 27 sks
cement circulated.

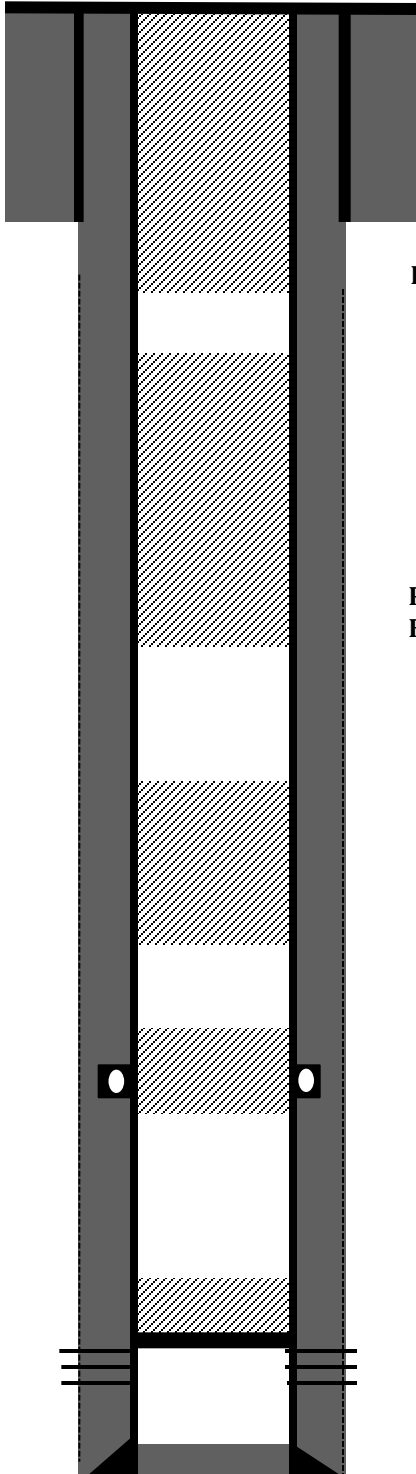
2-3/8" J-55 tubing set at 4922'

Gallup Perforated @ 4544'-5022'

4 1/2" 9.5 # casing @ 5198'

Squash Blossom AFU State #1

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'

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 439436

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 439436
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Notify NMOCD 24 hours prior to moving on - Monitor string pressures daily report on subsequent - submit all logs prior to subsequent -	3/12/2025