

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
District II - (575) 748-1283
District III - (505) 334-6178
District IV - (505) 476-3460

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. 30-045-08499
5. Indicate Type of Lease STATE [ ] FEE [x]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Julander Gas Com
8. Well Number 1
9. OGRID Number 006515
10. Pool name or Wildcat Basin Dakota (71599)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5590' 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 87499-0420
4. Well Location Unit Letter J: 1750 feet from the South line and 1735 feet from the East line
Section 10 Township 29N Range 11W NMPM San Juan County

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 [x]
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&A'd the well on 01/04/2024 - 01/17/2024 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 2/7/24
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

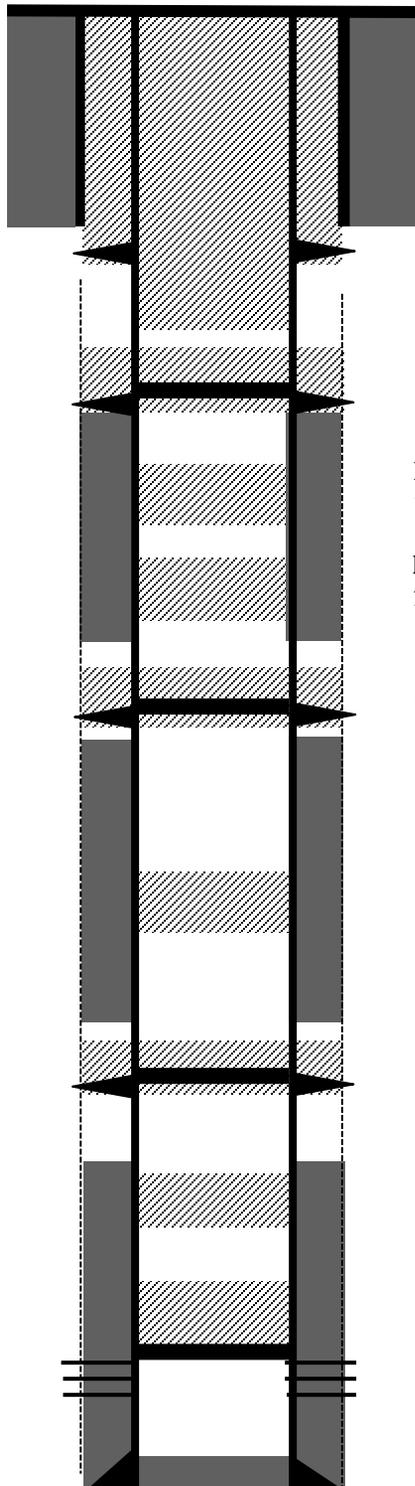
Conditions of Approval (if any):

Dugan Production P&A'd the well on 01/04/2024-01/17/2024 per the following procedure:

- MI&RU Aztec 481 and cement equipment. Spot and NU BOP.
- PU & tally 2-3/8", 4.7# tubing for workstring. Run 4½" string mill to 6322'. RIH & set 4½" CIBP @ 6264'. Dakota perforations @ 6314'-6494'.
- Load and circulate hole. Attempt to pressure test casing, casing won't test. Small leak, lost 25 psi/minute.
- **Run CBL from 6264' to surface.** Proposed revised changes based on the CBL & sent copies to NMOCD. Copy of email communications attached.
- Spot Plug I inside 4½" casing above the CIBP set @ 6264' w/18 sks (20.7 cu ft) Class G cement to cover the Dakota top. Displaced w/23.3 bbls. WOC overnight. Tagged TOC @ 6044. Good tag. **Plug I, inside 4½" casing, 18 sks, 20.7 cu ft, Dakota, 6044'-6264'.**
- Spot Plug II inside 4½" casing from 5490 w/18 sks (20.7 cu ft) Class G cement to cover the Gallup top. Displaced w/20.3 bbls. WOC 4 hrs. Tagged TOC @ 5267'. Good tag. **Plug II, inside 4½" casing, 18 sks, 20.7 cu ft, Gallup, 5267'-5490'.**
- RU wireline and perforate @ 4560'. RIH w/4 ½" CR and set CR @ 4540'. Sting in and establish rate through squeeze holes. Swapped to cement. Squeeze and spot plug III inside/outside 4½" casing from 4560' w/58 sks (66.7 cu ft) Class G cement to cover the Mancos top, 40 sks-46 cu ft outside casing, 2 sks-2.3 cu ft below CR, 16 sks-18.4 cu ft above the CR. Casing side circulated when pumping indicating casing damage around the depths we are pumping. Displaced w/16.5 bbls. WOC 4 hrs. Tagged TOC @ 4183'. 138' higher than estimated. Notified NMOCD. NMOCD requested drill out and verify cement top with CBL. Drill out cement from 4138' to 4540'. Tagged CR. RIH w/wireline and run CBL from 4540' to 4100' and confirmed cement behind casing. Spot plug w/16 sks, 18.4 cu ft Class G cement inside 4½" casing. Displaced w/16 bbls. WOC overnight. Tagged TOC @ 4344'. Good tag. **Plug III, inside/outside 4½" casing, Perforations @ 4560', CR @ 4540', 74 sks, 85.1 cu ft, Mancos, 4344'-4560'.**
- Spot Plug IV inside 4½" casing from 3516' w/18 sks, 20.7 cu ft, Class G neat cement to over the Mesaverde top. Displaced w/12.7 bbls. WOC 4 hrs. Tagged TOC @ 3285'. Good tag. **Plug IV, inside 4½" casing, 18 sks, 20.7 cu ft, Mesaverde, 3285'-3516'.**
- RU Wireline and perforate @ 2530'. RIH and set 4½" CR @ 2500'. Sting in and establish rate through perforations. Squeeze & spot Plug V inside/outside 4½" casing 58 sks (66.7 cu ft) Class G cement to cover the Chacra top, 40 sks-46 cu ft outside casing, 2 sks-2.3 cu ft below CR, 16 sks-18.4 cu ft above the CR. Displaced w/8.5 bbls. WOC overnight. Tagged TOC @ 2260'. Good tag. **Plug V, inside/outside 4½" casing, perforations @ 2530', CR @ 2500', 58 sks, 66.7 cu ft, Chacra, 2260-2530'.**
- Spot Plug VI inside 4½" casing from 1910' w/18 sks (20.7 cu ft) Class G cement to cover the Pictured Cliffs top. Displaced w/6.4 bbls. WOC 4 hrs. Tagged TOC @ 1685'. Good tag. **Plug VI, inside 4½" casing, 18 sks, 20.7 cu ft, Pictured Cliffs, 1685'-1910'.**
- Attempt to pressure test casing. Casing tested good at 650 psi for 30 minutes.
- Spot Plug VII inside 4½" casing 1675' to 1462' w/16 sks (18.4 cu ft) Class G cement to cover the Fruitland top. Displaced w/5.6 bbls. **Plug VII, inside 4½" casing, 16 sks, 18.4 cu ft, Fruitland, 1462'-1675'.**
- RU wireline and perforate @ 750'. Establish injection rates through perforations. RIH and set 4½" CR @ 710'. Sting in. Squeeze and spot Plug VIII inside/outside 4½" casing from 750' w/58 sks (66.7 cu ft) Class G cement to cover the Kirtland top, 40 sks-46 cu ft outside casing, 2 sks-2.3 cu ft below CR, 16 sks-18.4 cu ft above the CR. Displaced w/0.5 bbls to balance. WOC overnight. Tagged TOC @ 547'. Good tag. **Plug VIII, inside/outside 4½" casing, perforations @ 750', CR @ 710', 58 sks, 66.7 cu ft, Kirtland, 547'-750'.**
- RU wireline and perforate @ 137'. Establish injection rate through squeeze holes to surface. Broke circulation to surface through BH. RIH open ended to 389'. Squeeze and circulate Plug IX inside/outside 4½" casing from 389' to surface w/172 sks (197.8 cu ft) Class G cement to cover the Ojo Alamo top & surface casing shoe. Circulate 1 bbl cement to surface. WOC 4 hrs. Cut wellhead off. Tagged TOC inside 4½" casing at 70' and inside annulus @ 30'. **Plug IX, inside/outside 4½" casing, perforations @ 137', EOT @ 389', 172 sks, 197.8 cu ft, Ojo Alamo-Surface, 0'-389'.**
- Fill up casing and cellar and installed dry hole marker w/35 sks, 40.25 cu ft Class G cement.
- RD Aztec 481 and clean location. John Durham w/NMOCD witnessed job. **Well P&A'd 01/17/2024.**

**Completed P&A Schematic**

Julander Gas Com #1  
API: 30-045-08499  
Unit J Sec 10 T29N R11W  
1750' FSL & 1735' FEL  
San Juan County, NM  
Lat:36.7377434 Long:-107.9758606



8-5/8" J-55 24# casing @ 329'. Cemented with 175 sks Class B.

**Plug IX, Inside/outside 4 1/2" casing, Perforations @ 137', EOT @ 389', 172 sks, 197.8 Cu.ft, Ojo Alamo-Surface, 0'-389'**

**Plug VIII, Inside/Outside 4 1/2" casing, Perforations @ 750', CR @ 710', 58 sks, 66.7 Cu.ft, Kirtland, 547'-750'**

**Plug VII, Inside 4 1/2" casing, 16 sks, 18.4 Cu.ft, Fruitland, 1462'-1675'**

**Plug VI, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Pictured Cliffs, 1685'-1910'**

**Plug V, Inside/outside 4 1/2" casing, Perforations @ 2530', CR @ 2500', 58 sks, 66.7 Cu.ft, Chacra, 2260-2530'**

**Plug IV, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Mesaverde, 3285'-3516'**

**Plug III, Inside/Outside 4 1/2" casing, Perforations @ 4560', CR @ 4540', 74 sks, 85.1 Cu.ft, Mancos, 4344'-4560'**

Cemented w/ 325 sks on stage I & 200 sks on stage II

**Plug II, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Gallup, 5267'-5490'**

**Set CIBP @ 6264'. Plug I, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Dakota, 6044'-6264'**

**Dakota Perforated @ 6314'-6494'**

**4 1/2" 11.6 # casing @ 6570'**

Julander Gas Com #1  
API: 30-045-08499  
Unit J Sec 10 T29N R11W  
1750' FSL & 1735' FEL  
San Juan County, NM  
Lat:36.7377434 Long:-107.9758606

**Elevation ASL : 6491**

**Formation Tops**

- **Ojo Alamo - 320**
- **Kirtland - 700**
- **Fruitland - 1625**
- **Pictured Cliffs - 1860**
- **Chacra - 2550**
- **Mesaverde - 3460**
- **Mancos - 4515**
- **Gallup - 5440**
- **Dakota - 6310**

Tyra Feil

**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Tuesday, January 9, 2024 2:10 PM  
**To:** Aliph Reena; Durham, John, EMNRD; Durham, John, EMNRD  
**Cc:** Alex Prieto-Robles; Tyra Feil  
**Subject:** RE: [EXTERNAL] FW: Dugan Julander Gas Com 1 CBL

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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  
 Office Phone: 505-334-6178 ext. 123  
 Cell Phone: 505-320-0243  
 Email - monica.kuehling@emnrd.nm.gov

**From:** Aliph Reena <Aliph.Reena@duganproduction.com>  
**Sent:** Tuesday, January 9, 2024 2:03 PM  
**To:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>  
**Cc:** Alex Prieto-Robles <arobles@aztecwell.com>; Tyra Feil <Tyra.Feil@duganproduction.com>  
**Subject:** [EXTERNAL] FW: Dugan Julander Gas Com 1 CBL

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Please see the attached CBL & copy of Approved NOI to P & A Dugan Production's Julander Gas Com # 1 well. After reviewing the CBL we propose the following changes to the procedure.

1. Plug III, Mancos will be Inside/Outside 4415'-4565'. Will perforate and try to get a rate from 4565' and will attempt to do inside/outside.
2. Plug IV, Chacra will be inside/outside 2450'-2600'. There is a some sort of stringer around the depth, but we will attempt to do inside/outside.
3. Plug VIII, Kirtland will be inside/outside 600-750'. Will perforate and try to get a rate from 750' and will attempt to do inside/outside.
4. Plug IX, Ojo Alamo will be inside/Outside 0-379'. Will circulate cement through bradenhead.

other plugs will be inside plugs as originally approved. Volumes will be adjusted for excess. Please let us know if we are okay proceed.

Thank you  
Aliph

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

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**From:** Steven Nez <[snez@thewirelinegroup.com](mailto:snez@thewirelinegroup.com)>  
**Sent:** Monday, January 8, 2024 3:44 PM  
**To:** [arobles@aztecwell.com](mailto:arobles@aztecwell.com); Aliph Reena <[Aliph.Reena@duganproduction.com](mailto:Aliph.Reena@duganproduction.com)>; [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov); [monica.kuehling@state.nm.us](mailto:monica.kuehling@state.nm.us); [john.durham@state.nm.us](mailto:john.durham@state.nm.us); [john.durham@emnrd.nm.gov](mailto:john.durham@emnrd.nm.gov)  
**Cc:** Christopher Caliendo <[ccaliendo@thewirelinegroup.com](mailto:ccaliendo@thewirelinegroup.com)>; William Richardson <[wrichardson@thewirelinegroup.com](mailto:wrichardson@thewirelinegroup.com)>; Stuart Tillen <[stillen@thewirelinegroup.com](mailto:stillen@thewirelinegroup.com)>; Josh Nolan <[jnolan@thewirelinegroup.com](mailto:jnolan@thewirelinegroup.com)>  
**Subject:** Dugan Julander Gas Com 1 CBL

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

Good afternoon,

Attached is the Cement Bond Log for Julander Gas Com 1.

Thank you

Sent from my iPhone

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**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 320987

**CONDITIONS**

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 320987
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	well plugged 1/17/2024	3/7/2024