

State of New Mexico
Energy, Minerals and Natural ResourcesForm **C-103** Page 1 of 6
Revised July 18, 2013

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-05618
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E0-9707
7. Lease Name or Unit Agreement Name West Bisti Unit
8. Well Number 156
9. OGRID Number 006515
10. Pool name or Wildcat Bisti Lower Gallup (005890)

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 J : 1980 feet from the South line and 1980 feet from the East line

Section 36 Township 26N Range 13W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6184' 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 plans to plug and abandon the well per the following procedure.:

- TOOH & LD 2-3/8", 4.7# production tubing. PU 2-3/8", 4.7# workstring. Run 5 1/2" casing scraper to 4820'. RIH & Set 4 1/2" CIBP @ 4808'. Gallup Perforations @ 4858'-4931'.
- Load & circulate hole. Pressure test casing to 600 psi for 30 minutes. Run CBL from 4808' to surface. Plugs are designed based on the cement volume pumped during the primary cement job. Will make necessary changes to the plugs after reviewing the CBL.
- Spot Plug I inside 5 1/2" casing from 4808' to 4568' w/30 sks (34.5 cu ft) Class G cement to cover the Gallup top. **Plug I, inside 5 1/2" casing, 30 sks, 34.5 cu ft, Gallup, 4568'-4808'.**
- Spot Plug II inside 5 1/2" casing from 3880' to 3730' w/18 sks (20.7 cu ft) Class G cement to cover the Mancos top. **Plug II, inside 5 1/2" casing, 18 sks, 20.7 cu ft, Mancos, 3730'-3880'.**
- Shoot squeeze holes @ 2540'. Spot & squeeze Plug III inside/outside 5 1/2" casing from 2540' to 2390' w/50 sks (57.5 cu ft) Class G cement to cover the Mesaverde top. **Plug III, Inside/Outside 5 1/2" casing, 50 sks, 57.5 cu ft, Mesaverde, 2390'-2540'.**
- Shoot squeeze holes @ 1580'. Spot & squeeze Plug IV inside/outside 5 1/2" casing from 1580' to 1430' w/50 sks (57.5 cu ft) Class G cement to cover the Chacra top. **Plug IV, Inside/Outside 5 1/2" casing, 50 sks, 57.5 cu ft, Chacra, 1430'-1580'.**
- Shoot squeeze holes @ 1254'. Spot & squeeze Plug V inside/outside 5 1/2" casing from 1254' to 1104' w/ 50 sks (57.5 Cu. t) Class G cement to cover the Pictured Cliffs top. **Plug V, Inside/Outside 5 1/2" casing, 50 sks, 57.5 cu ft, Pictured Cliffs, 1104'-1254'.**
- Shoot squeeze holes @ 930'. Spot & squeeze Plug VI inside/outside 5 1/2" casing from 930' to 780' w/50 sks (57.5 cu ft) Class G cement to cover the Fruitland top. **Plug VI, Inside/Outside 5 1/2" casing, 50 sks, 57.5 cu ft, Fruitland, 780'-930'.**
- Shoot squeeze holes @ 252'. Spot Plug VII inside 5 1/2" casing from 252' to surface w/92 sks (106 cu ft) Class G cement to cover the Kirtland-Ojo Alamo tops and surface casing shoe. **Plug VII, Kirtland-Ojo Alamo-Surface, Inside/Outside 5 1/2" casing, 92 sks, 252 cu ft, 0'-252'.**
- Cut wellhead. Tag TOC at surface. Fill cement in case needed.
- Install dryhole marker. Clean location.

Spud Date:

Notify NMOCD 24
hrs prior to any
work.

APPROVED WITH CONDITIONS

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 7/28/23

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: John Harrison TITLE Petroleum Specialist DATE 7/31/23

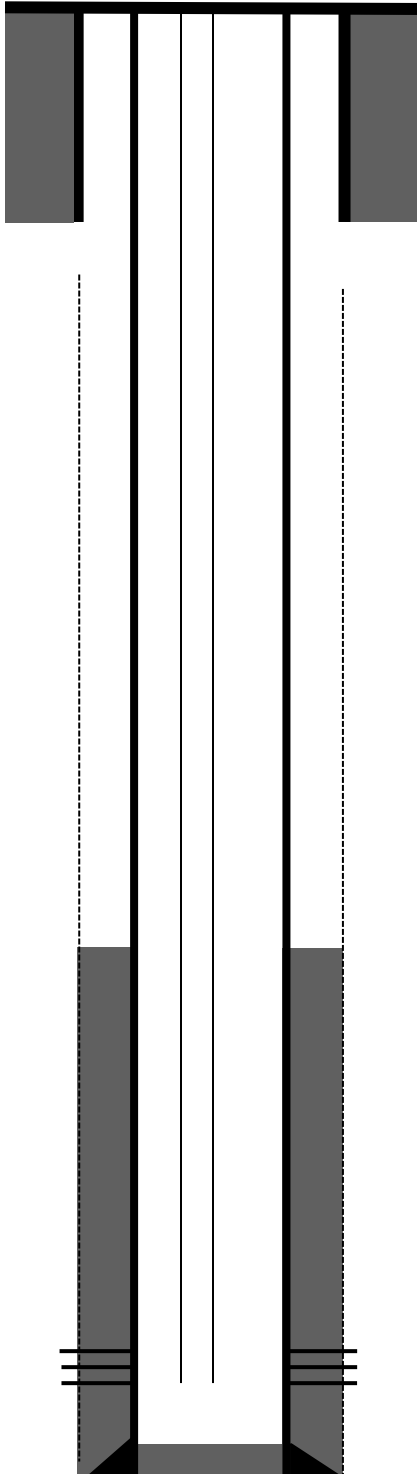
Conditions of Approval (if any):

Dugan Production plans to plug and abandon the well per the following procedure.:

- TOO H & LD 2-3/8", 4.7# production tubing. PU 2-3/8", 4.7# workstring. Run 5½" casing scraper to 4820'. RIH & Set 4½" CIBP @ 4808'. Gallup Perforations @ 4858'-4931'.
- Load & circulate hole. Pressure test casing to 600 psi for 30 minutes. Run CBL from 4808' to surface. Plugs are designed based on the cement volume pumped during the primary cement job. Will make necessary changes to the plugs after reviewing the CBL.
- Spot Plug I inside 5½" casing from 4808' to 4568' w/30 sks (34.5 cu ft) Class G cement to cover the Gallup top. **Plug I, inside 5½" casing, 30 sks, 34.5 cu ft, Gallup, 4568'-4808'.**
- Spot Plug II inside 5½" casing from 3880' to 3730' w/18 sks (20.7 cu ft) Class G cement to cover the Mancos top. **Plug II, inside 5½" casing, 18 sks, 20.7 cu ft, Mancos, 3730'-3880'.**
- Shoot squeeze holes @ 2540'. Spot & squeeze Plug III inside/outside 5½" casing from 2540' to 2390' w/50 sks (57.5 cu ft) Class G cement to cover the Mesaverde top. **Plug III, Inside/Outside 5½" casing, 50 sks, 57.5 cu ft, Mesaverde, 2390'-2540'.**
- Shoot squeeze holes @ 1580'. Spot & squeeze Plug IV inside/outside 5½" casing from 1580' to 1430' w/50 sks (57.5 cu ft) Class G cement to cover the Chacra top. **Plug IV, Inside/Outside 5½" casing, 50 sks, 57.5 cu ft, Chacra, 1430'-1580'.**
- Shoot squeeze holes @ 1254'. Spot & squeeze Plug V inside/outside 5½" casing from 1254' to 1104' w/ 50 sks (57.5 Cc. t) Class G cement to cover the Pictured Cliffs top. **Plug V, Inside/Outside 5½" casing, 50 sks, 57.5 cu ft, Pictured Cliffs, 1104'-1254'.**
- Shoot squeeze holes @ 930'. Spot & squeeze Plug VI inside/outside 5½" casing from 930' to 780' w/50 sks (57.5 cu ft) Class G cement to cover the Fruitland top. **Plug VI, Inside/Outside 5½" casing, 50 sks, 57.5 cu ft, Fruitland, 780'-930'.**
- Shoot squeeze holes @ 252'. Spot Plug VII inside 5½" casing from 252' to surface w/92 sks (106 cu ft) Class G cement to cover the Kirtland-Ojo Alamo tops and surface casing shoe. **Plug VII, Kirtland-Ojo Alamo-Surface, Inside/Outside 5½" casing, 92 sks, 252 cu ft, 0'-252'.**
- Cut wellhead. Tag TOC at surface. Fill cement in case needed.
- Install dryhole marker. Clean location.

Current Wellbore Schematic

West Bisti Unit 156
API: 30-045-05618
Unit J Sec 36 T26N R13W
1980' FSL & 1980' FEL
San Juan County, NM
Lat:36.442894 Long:-108.1683273



9-5/8" 32.75# casing @ 202'. Cemented with 175 sks Cement.
Circulated cement to surface. Hole size: 13-3/4"

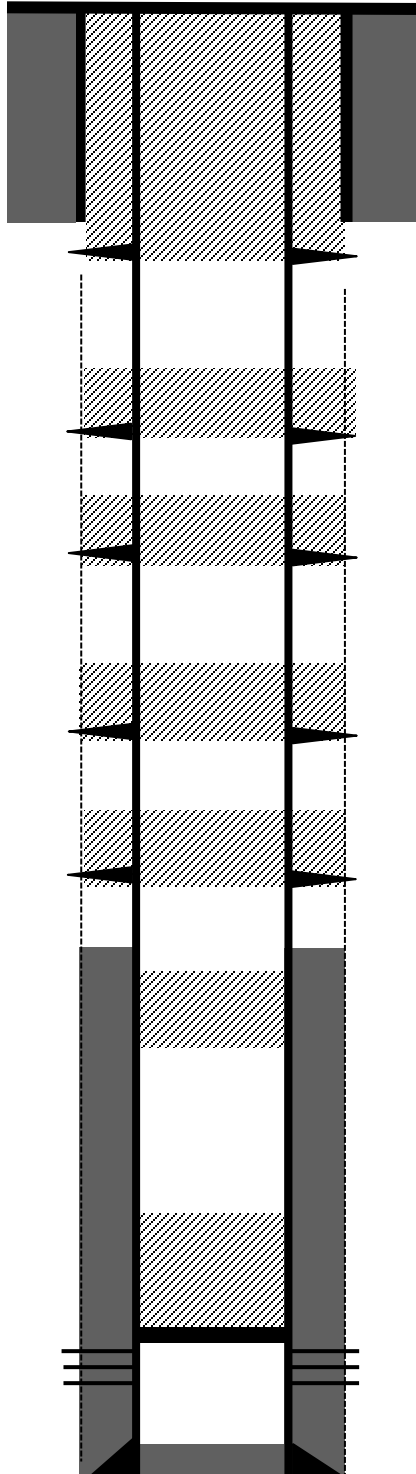
2-3/8", 4.7# tubing @ 4901'
Casing cemented w/ 250 sks cement

Gallup Perforated @ 4858'-4931'

5 1/2" 14 # casing @ 4987'. Hole size: 8-3/4"

Planned P & A Schematic

West Bisti Unit 156
 API: 30-045-05618
 Unit J Sec 36 T26N R13W
 1980' FSL & 1980' FEL
 San Juan County, NM
 Lat:36.442894 Long:-108.1683273



9-5/8" 32.75# casing @ 202'. Cemented with 175 sks Cement.
 Circulated cement to surface. Hole size: 13-3/4"

Plug VII, Kirtland-Ojo Alamo-Surface, Inside/Outside 5 1/2" casing, 92 sks, 252 Cu.ft, 0'-252'

Plug VI, Inside/Outside 5 1/2" casing, 50 sks, 57.5 Cu.ft, Fruitland, 780'-930'

Plug V, Inside/Outside 5 1/2" casing, 50 sks, 57.5 Cu.ft, Pictured Cliffs, 1104'-1254'

Plug IV, Inside/Outside 5 1/2" casing, 50 sks, 57.5 Cu.ft, Chacra, 1430'-1580'

Plug III, Inside/Outside 5 1/2" casing, 50 sks, 57.5 Cu.ft, Mesaverde, 2390'-2540'

Plug II, Inside 5 1/2" casing, 18 sks, 20.7 Cu.ft, Mancos, 3730'-3880'

Casing cemented w/ 250 sks cement

CIBP @ 4808'. Plug I, Inside 5 1/2" casing, 30 sks, 34.5 Cu.ft, Gallup, 4568'-4808'

Gallup Perforated @ 4858'-4931'

5 1/2" 14 # casing @ 4987'. Hole size: 8-3/4"

West Bisti Unit 156
API: 30-045-05618
Unit J Sec 36 T26N R13W
1980' FSL & 1980' FEL
San Juan County, NM
Lat:36.442894 Long:-108.1683273

Elevation ASL : 6175

Formation Tops

- **Ojo Alamo - Surface**
- **Kirtland - 120**
- **Fruitland - 880**
- **Pictured Cliffs - 1204**
- **Chacra - 1530**
- **Mesaverde - 2490**
- **Mancos - 3830**
- **Gallup - 4668**

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CONDITIONS

Action 245601

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 245601
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Approved w/ conditions.	7/31/2023