

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

Form C-103
 Revised July 18, 2013

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-045-25718 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> 6. State Oil & Gas Lease No. E0-6515
2. Name of Operator Dugan Production Corp.		7. Lease Name or Unit Agreement Name Ranch
3. Address of Operator PO Box 420, Farmington, NM 87499-0420		8. Well Number 101
4. Well Location Unit Letter <u>B</u> : <u>512</u> feet from the <u>North</u> line and <u>2080</u> feet from the <u>East</u> line Section <u>16</u> Township <u>29N</u> Range <u>10W</u> NMPM <u>San Juan</u> County		9. OGRID Number 006515
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5658' GL		10. Pool name or Wildcat Armenta Gallup (002290)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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:

- PU & tally 2-3/8", 4.7# tubing. Run 4 1/2" casing scraper to 5506'. RIH & set 4 1/2" CIBP @ 5506'. Gallup perforations @ 5556'-6056'.
- Load & circulate hole. Pressure test casing to 600 psi for 30 minutes. **Run CBL from 5506' to surface.** Cement circulated to surface during primary cement job. Will make necessary changes to the plugs after reviewing the CBL.
- Spot Plug I inside 4 1/2" casing from 5506' to 5356' w/12 sks (13.8 cu ft) Class G cement to cover the Gallup top. **Plug I, inside 4 1/2" casing, 12 sks, 13.8 cu ft, Gallup, 5356'-5506'.**
- Spot Plug II inside 4 1/2" casing from 4802' to 4652' w/12 sks (13.8 cu ft) Class G cement to cover the Mancos top. **Plug II, inside 4 1/2" casing, 12 sks, 13.8 cu ft, Mancos, 4652'-4802'.**
- Spot Plug III inside 4 1/2" casing from 3743' to 3593' w/12 sks (13.8 cu ft) Class G cement to cover the Mesaverde top. **Plug III, inside 4 1/2" casing, 12 sks, 13.8 cu ft, Mesaverde, 3593'-3743'.**
- Spot Plug IV inside 4 1/2" casing from 3187' to 3037' w/12 sks (13.8 cu ft) Class G cement to cover the Chacra top. **Plug IV, inside 4 1/2" casing, 12 sks, 13.8 cu ft, Chacra, 3037'-3187'.**
- Spot Plug V inside 4 1/2" casing from 2081' to 1665' w/32 sks (36.3 cu ft) Class G cement to cover the Pictured Cliffs & Fruitland tops. **Plug V, inside 4 1/2" casing, 32 sks, 36.3 cu ft, Pictured Cliffs – Fruitland, 1665'-2081'.**
- Spot Plug VI inside 4 1/2" casing from 998' to 595' w/32 sks (36.8 cu ft) Class G cement to cover the Kirtland-Ojo Alamo tops. **Plug VI, inside 4 1/2" casing, 32 sks, 36.3 cu ft, Kirtland-Ojo Alamo, 595'-998'.**
- Spot Plug VII inside 4 1/2" casing from 546' to surface w/42 sks (48.3 cu ft) Class G cement to cover the surface casing shoe to surface. **Plug VII, Surface, inside 4 1/2" casing, 42 sks, 48.3 cu ft, 0'-546'.**
- Cut wellhead. Tag TOC at surface. Fill cement in case needed.
- Install dry hole marker. Clean location.

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 12/4/23
 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: Monica Kuehling TITLE Deputy Oil and Gas Inspector DATE 12/6/2021
 Conditions of Approval (if any):

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

- PU & tally 2-3/8", 4.7# tubing. Run 4½" casing scraper to 5506'. RIH & set 4½" CIBP @ 5506'. Gallup perforations @ 5556'-6056'.
- Load & circulate hole. Pressure test casing to 600 psi for 30 minutes. **Run CBL from 5506' to surface.** Cement circulated to surface during primary cement job. Will make necessary changes to the plugs after reviewing the CBL.
- Spot Plug I inside 4½" casing from 5506' to 5356' w/12 sks (13.8 cu ft) Class G cement to cover the Gallup top. **Plug I, inside 4½" casing, 12 sks, 13.8 cu ft, Gallup, 5356'-5506'.**
- Spot Plug II inside 4½" casing from 4802' to 4652' w/12 sks (13.8 cu ft) Class G cement to cover the Mancos top. **Plug II, inside 4½" casing, 12 sks, 13.8 cu ft, Mancos, 4652'-4802'.**
- Spot Plug III inside 4½" casing from 3743' to 3593' w/12 sks (13.8 cu ft) Class G cement to cover the Mesaverde top. **Plug III, inside 4½" casing, 12 sks, 13.8 cu ft, Mesaverde, 3593'-3743'.**
- Spot Plug IV inside 4½" casing from 3187' to 3037' w/12 sks (13.8 cu ft) Class G cement to cover the Chacra top. **Plug IV, inside 4½" casing, 12 sks, 13.8 cu ft, Chacra, 3037'-3187'.**
- Spot Plug V inside 4½" casing from 2081' to 1665' w/32 sks (36.3 cu ft) Class G cement to cover the Pictured Cliffs & Fruitland tops. **Plug V, inside 4½" casing, 32 sks, 36.3 cu ft, Pictured Cliffs – Fruitland, 1665'-2081'.**
- Spot Plug VI inside 4½" casing from 998' to 595' w/32 sks (36.8 cu ft) Class G cement to cover the Kirtland-Ojo Alamo tops. **Plug VI, inside 4½" casing, 32 sks, 36.3 cu ft, Kirtland-Ojo Alamo, 595'-998'.**
- Spot Plug VII inside 4½" casing from 546' to surface w/42 sks (48.3 cu ft) Class G cement to cover the surface casing shoe to surface. **Plug VII, Surface, inside 4½" casing, 42 sks, 48.3 cu ft, 0'-546'.**
- Cut wellhead. Tag TOC at surface. Fill cement incase needed.
- Install dry hole marker. Clean location.

Current Wellbore Schematic

Ranch 101

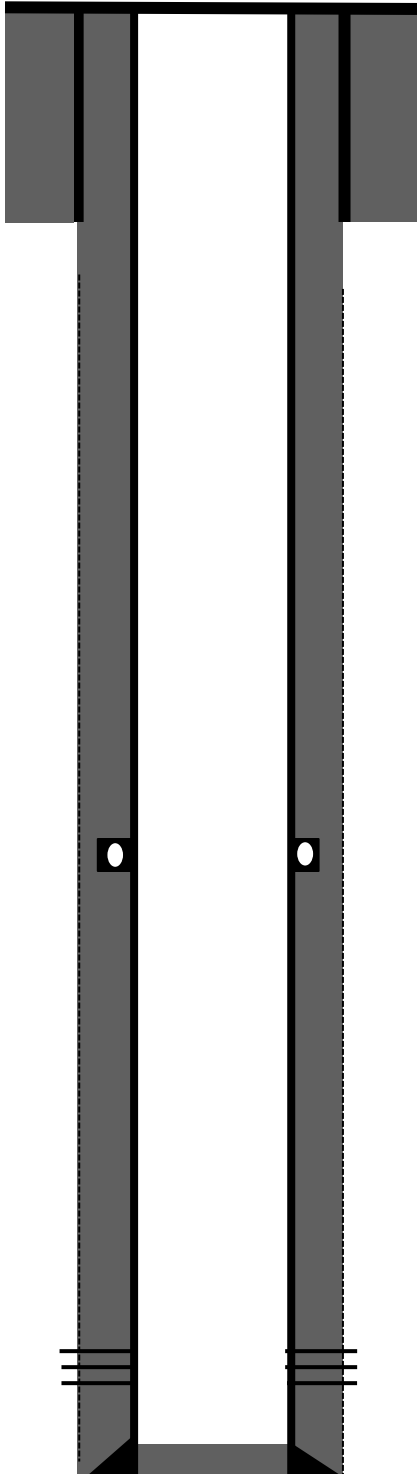
API: 30-045-25718

Unit B Sec 16 T29N R10W

512' FNL & 2080' FEL

San Juan County, NM

Lat:36.7319984 Long:-107.8883667



8-5/8" K-55 24# casing @ 496'. Cemented with 335 sks Class B (392 Cu.ft). Circulated 13 bbls cement to surface. Hole size: 12-1/4

Cemented Stage I w/ 280 sks 65-35 w/ 12%, followed by 225 sks Class B neat 1099.2 Cu.ft cement. DV @ 3372'. Stage II w/ 400 sks lite w/ 12% followed w/ 650 sks poz, 1690 Cu.ft. Total cement 2789.2 Cu.ft. Circulated 5 bbl cement to surface. Will run CBL.

Gallup Perforated @ 5556'-6056'

4 1/2" 11.6 # casing @ 6157'. PBTB @ 6074'. Hole size: 7-7/8"

Planned P & A Wellbore Schematic

Ranch 101

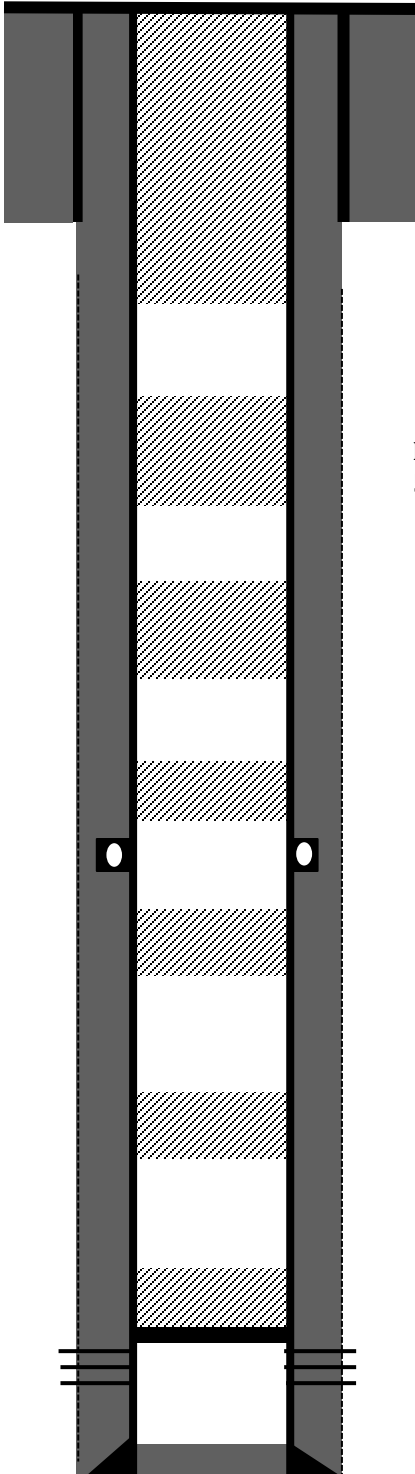
API: 30-045-25718

Unit B Sec 16 T29N R10W

512' FNL & 2080' FEL

San Juan County, NM

Lat:36.7319984 Long:-107.8883667



8-5/8" K-55 24# casing @ 496'. Cemented with 335 sks Class B (392 Cu.ft). Circulated 13 bbls cement to surface. Hole size: 12-1/4

Plug VII, Surface, Inside 4 1/2" casing, 42 sks, 48.3 Cu.ft, 0'-546'

Plug VI, Inside 4 ½" casing, 32 sks, 36.3 Cu.ft, Kirtland-Ojo Alamo, 595'-998'

**Plug V, Inside 4 ½" casing, 32 sks, 36.3 Cu.ft, Pictured Cliffs -
Fruitland, 1665'-2081'**

Plug IV, Inside 4 ½" casing, 12 sks, 13.8 Cu.ft, Chacra, 3037'-3187'

Plug III, Inside 4 1/2" casing, 12 sks, 13.8 Cu.ft, Mesaverde, 3593'-3743'

Cemented Stage I w/ 280 sks 65-35 w/ 12%, followed by 225 sks Class B neat 1099.2 Cu.ft cement. DV @ 3372'. Stage II w/ 400 sks lite w/ 12% followed w/ 650 sks poz, 1690 Cu.ft. Total cement 2789.2 Cu.ft. Circulated 5 bbl cement to surface. Will run CBL.

Plug II, Inside 4 1/2" casing, 12 sks, 13.8 Cu.ft, Mancos, 4652'-4802'

CIBP @ 5506'. Plug I, Inside 4 ½" casing, 12 sks, 13.8 Cu.ft, Gallup, 5356'-5506'

Gallup Perforated @ 5556'-6056'

4 1/2" 11.6 # casing @ 6157'. PBTD @ 6074'. Hole size: 7-7/8"

Ranch 101

API: 30-045-25718

Unit B Sec 16 T29N R10W

512' FNL & 2080' FEL

San Juan County, NM

Lat:36.7319984 Long:-107.8883667

Elevation ASL : 5658 GL

Formation Tops

- **Surface Casing - 496**
- **Ojo Alamo - 695**
- **Kirtland - 948**
- **Fruitland - 1765**
- **Pictured Cliffs - 2031**
- **Lewis - 2115**
- **Chacra - 3137**
- **Mesaverde - 3693**
- **Mancos - 4752**
- **Gallup - 5556**

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 291043

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 291043
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Notify NMOCD 24 hours prior to moving on. This well has high bradenhead pressure (111) - If pressure is at kirtland plug a plug cannot go past the kirtland top	12/6/2023