

Office  
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 1625 N. French Dr., Hobbs, NM 88240  
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 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

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. 30-045-29159
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG-1917
7. Lease Name or Unit Agreement Name Mesa
8. Well Number 90
9. OGRID Number 006515
10. Pool name or Wildcat Basin Fruitland Coal (71629)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Dugan Production Corp.	
3. Address of Operator PO Box 420, Farmington, NM 87499-0420	
4. Well Location Unit Letter <u>M</u> : <u>1084</u> feet from the <u>South</u> line and <u>837</u> feet from the <u>West</u> line Section <u>16</u> Township <u>24N</u> Range <u>8W</u> NMPM San Juan County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6748' GL	

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 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 checked="" 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 plugged and abandoned the well from 10/28/25 – 10/30/25 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 12/3/25

Type or print name Aliph Reena 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 plugged and abandoned the Mesa 90 from **10/28/2025 to 10/30/2025** per the following procedure:

- MI & RU Aztec Well Service Rig 481. Spot in and RU Cement equipment.
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 10 psi.
- Pull and LD production tubing.
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 10 psi.
- PU & tally 2-3/8" work string. Run 4½" string mill to scrape casing to 1798'.
- RIH & set 4½" cement retainer to 1760'. Fruitland perforations @ 1810'-1820'.
- Load and circulate hole clean with 30 bbls of water.
- **Pressure test casing to 600 psi for 30 minutes, Good test.**
- Sting in cement retainer to establish injection rate: 2.2 bbls/min at 200 psi.
- Run CBL from 1760' to surface. Sent copy of CBL to NMOCD. Copy of communications attached.
- **Plug I, Pictured Cliffs-Fruitland-Kirtland-Ojo Alamo:** Sting in the cement retainer. Squeeze 20 sks, 23 cu ft Class G neat cement to cover the Pictured Cliffs below the retainer till the top perforation at 1810'. Sting out. Spot inside 4½" casing above cement retainer @ 1760' w/66 sks (75.9 cu ft) Class G neat cement to cover the Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo tops (5 gal/sk, 15.8 #/gal, 1.15 cu ft/sk). Displaced with 3.5 bbls of water. WOC overnight. Tagged TOC at 922'. Good tag. **Plug I, Inside 4½" casing, Cement Retainer at 1760', 86 sks, 98.9 cu ft, Pictured Cliffs-Fruitland-Kirtland-Ojo Alamo, 922'-1810'.**
- Made phone calls on BH pressure, NMOCD/Dugan apvd. perforating for surface plug.
- **Plug II, surface casing shoe-surface:** RU WL. RIH and shoot squeeze holes at 105', establish circulation to surface through BH. Squeeze Plug II inside/outside 4½" casing from 184' w/34 sks, 39.1 cu ft Class G neat cement to cover from 184' to surface. No displacement. WOC 4 hrs. RU welder. Cut wellhead off. Tagged TOC at 16' inside, 26' annulus. Good tag. **Plug II, Inside/outside 4½" casing, Perforations at 105', EOT at 184', 34 sks, 39.1 cu ft, Surface Casing shoe to surface, 0-184'.**
- Fill cellar and install DHM with 18 sks, 20.7 cu ft, Class G neat cement.
- RD Aztec Well Service Rig 481. Clean location, move.
- Thomas Vermersch with NMOCD witnessed the job.
- Photos of P & A marker and GPS coordinates attached per NMOCD COA.
- **Well P & A'ed on 10/30/2025.**

**Completed P & A Wellbore Schematic**

Mesa # 90

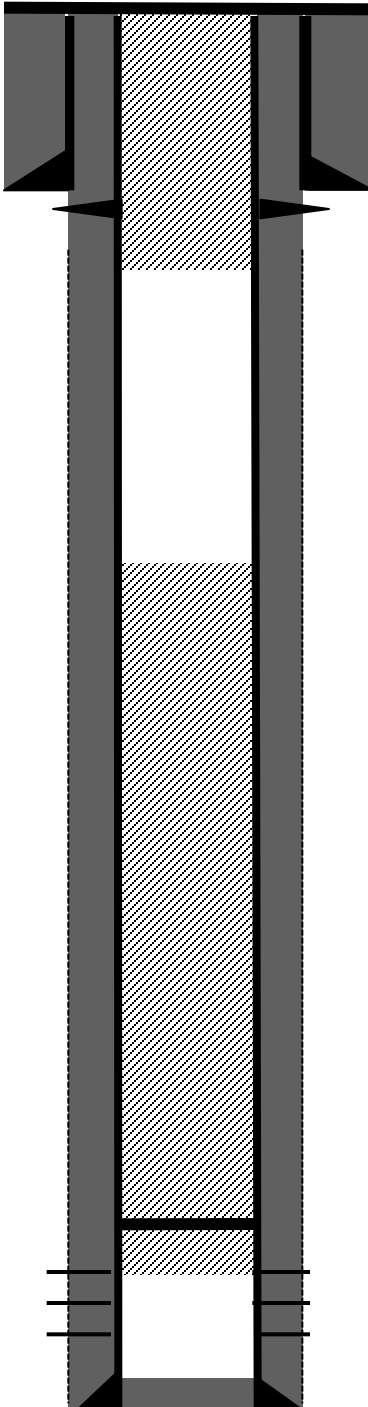
30-045-29159

Basin Fruitland Coal

1084' FSL & 837' FWL

M-16-T24N-R08W

San Juan County, NM



**7" 23#, J-55 casing @ 122': Hole size -9-1/8"**

Cemented with 50 sks, Class B, 59 Cu.ft cement. Circ 2 bbls cement

**Plug II, Inside/outside 4½" casing, Perforations at 105',  
EOT at 184', 34 sks, 39.1 cu ft, Surface Casing shoe to  
surface, 0-184'.**

**Plug I, Inside 4 ½" casing, Cement Retainer at 1760', 86 sks,  
98.9 Cu.ft, Pictured Cliffs-Fruitland-Kirtland-Ojo Alamo, 922'-  
1810'**

**Set 4 ½" CR @ 1760'. Squeeze 20 sks, 23 Cu.ft cement to  
cover the Pictured cliffs top below the retainer.**

**4 ½" 10.5#, J-55 casing @ 1917'. Hole size: 6-1/4"**

Cement w/ 120 sks Lodense and 60 sks Class B cement. 313 Cu.ft  
Circ 5 bbls cement

Fruitland Coal Perforated @ 1810' – 1820' w/4 spf

PBTD @ 1854', TD 1920'

**Mesa # 90**

30-045-29159

Basin Fruitland Coal  
1084' FSL & 837' FWL  
M-16-T24N-R08W  
San Juan County, NM

**Formation Tops (Referenced for P &A)**

- Surface Casing – 122'
- Ojo Alamo – 1078'
- Kirtland – 1286'
- Fruitland – 1532'
- Perforations – 1810'-1820'
- Pictured Cliffs – 1823'

## Tyra Feil

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**From:** Diede, Loren, EMNRD <Loren.Diede@emnrd.nm.gov>  
**Sent:** Wednesday, October 29, 2025 12:43 PM  
**To:** Brian McCann; Aliph Reena  
**Cc:** Dean Mestas; Garcia, John, EMNRD; Alex Robles; Lucero, Virgil S; Tyra Feil; Rennick, Kenneth G; Vermersch, Thomas, EMNRD  
**Subject:** Re: [EXTERNAL] Mesa 90 CBL

Looks ok by me.  
Loren

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**From:** Brian McCann <bmcann@aztecwell.com>  
**Sent:** Wednesday, October 29, 2025 12:37:19 PM  
**To:** Aliph Reena <aliph.reena@duganproduction.com>  
**Cc:** Dean Mestas <dmestas@aztecwell.com>; Diede, Loren, EMNRD <Loren.Diede@emnrd.nm.gov>; Garcia, John, EMNRD <JohnA.Garcia@emnrd.nm.gov>; Alex Robles <arobles@aztecwell.com>; Lucero, Virgil S <vlucero@blm.gov>; Tyra Feil <tyra.feil@duganproduction.com>; Rennick, Kenneth G <krennick@blm.gov>; Vermersch, Thomas, EMNRD <Thomas.Vermersch@emnrd.nm.gov>; Alex Robles <arobles@aztecwell.com>  
**Subject:** [EXTERNAL] Mesa 90 CBL

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

CBL for Mesa 90 is attached.

Based on CBL TOC is 120ft, request approval to change surface plug to inside/outside plug perforating at 100'  
CAUTION: This email originated from outside your organization. Exercise caution.













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 531497

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 531497
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	12/4/2025