

Well Name: SANCHEZ O`BRIEN	Well Location: T24N / R9W / SEC 6 / LOT 7 / 36.339441 / -107.836638	County or Parish/State: SAN JUAN / NM
Well Number: 90	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMNM97108	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452963600S1	Operator: DUGAN PRODUCTION CORPORATION	

Subsequent Report

Sundry ID: 2887227

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 12/16/2025	Time Sundry Submitted: 01:12
Date Operation Actually Began: 11/19/2025	

Actual Procedure: Dugan Production plugged and abandoned the well from 11/19/2025 - 11/20/2025 per the attached procedure.

SR Attachments

Actual Procedure

- Sanchez_OBrien_90_BLM_OCD_apvd_plug_changes_20251216131051.pdf
- Sanchez_OBrien_90_gps_marker_photos_20251216131034.pdf
- Sanchez_OBrien_90_SR_PA_formation_tops_20251216130928.pdf
- Sanchez_OBrien_90_SR_PA_completed_wellbore_schematic_20251216130922.pdf
- Sanchez_OBrien_90_SR_PA_work_completed_20251216130915.pdf

Well Number: 90

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Operator: DUGAN PRODUCTION CORPORATION

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: TYRA FEIL

Signed on: DEC 16, 2025 01:10 PM

Name: DUGAN PRODUCTION CORPORATION

Title: Authorized Representative

Street Address: PO BOX 420

City: FARMINGTON

State: NM

Phone: (505) 325-1821

Email address: TYRAFEIL@DUGANPRODUCTION.COM

Field

Representative Name: Aliph Reena

Street Address: PO Box 420

City: Farmington

State: NM

Zip: 87499-0420

Phone: (505)360-9192

Email address: Aliph.Reena@duganproduction.com

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 12/30/2025

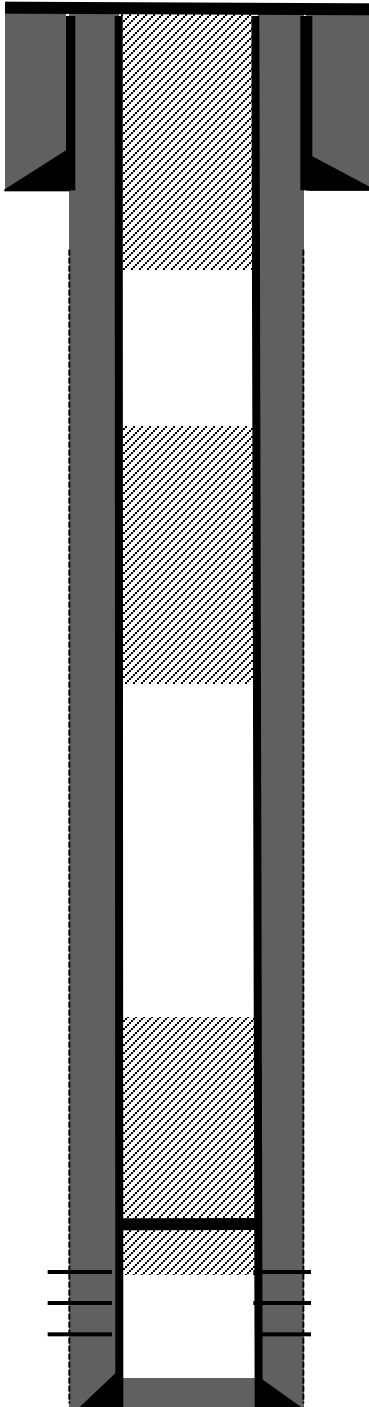
Signature: Kenneth Rennick

Dugan Production plugged and abandoned the **Sanchez O'Brien #90** from **11/19/2025 to 11/20/2025** per the following procedure:

- MI&RU Aztec Well Service Rig 450. Spot in and RU cement equipment.
- Check pressures: Tubing 0 psi, Casing 50 psi, BH 0 psi.
- Pull and LD rods and production tubing.
- PU & tally 2-3/8" work string. Run 4½" string mill to scrape casing to 1738'.
- RIH & set 4½" cement retainer to 1688'. Fruitland perforations @ 1738'-1750'.
- Load and circulate hole clean with 30 bbls of water.
- Sting in retainer. Establish injection rate: 1.5 bbls/min at 450 psi.
- **Pressure test casing to 650 psi for 30 minutes. Good test.**
- Run CBL from 1688' to surface. Sent copy of CBL to NMOCD. Copy of communications attached.
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- **Plug I, Pictured Cliffs-Fruitland:** Sting in the cement retainer. Squeeze 20 sks, 23 cu ft Class G cement with 2% CaCl₂ to cover the Pictured Cliffs below the retainer till the top perforation at 1738'. Sting out. Spot inside 4½" casing above cement retainer @ 1688' w/18 sks (20.7 cu ft) Class G cement with 2% CaCl₂ to cover the Pictured Cliffs, Fruitland, tops. Displaced w/5.6 bbls of water. WOC 4 hrs. Tagged TOC at 1443'. Good tag. **Plug I, Inside 4½" casing, cement retainer at 1688', 38 sks, 43.7 cu ft, Pictured Cliffs-Fruitland, 1443'-1738'.**
- **Pressure test casing to 650 psi for 30 minutes. Good test.**
- **Plug II, -Kirtland-Ojo Alamo:** Spot Plug II inside 4½" casing from 847' to 614' w/18 sks, 20.7 cu ft Class G cement w/ 2% CaCl₂ to cover the Kirtland, Ojo Alamo tops. Displaced with 2.4 bbls of water. **Plug II, Inside 4½" casing, 18 sks, 20.7 cu ft, Kirtland-Ojo Alamo, 614'-847'.**
- **Plug III, surface casing shoe-surface:** Spot Plug III inside 4½" casing from 187' to surface w/32 sks, 36.8 cu ft. Class G neat cement to cover from 187' to surface. Surface casing shoe-surface. No displacement. MI&RU welder, cut wellhead off, tagged TOC at 0' inside, 30' annulus. **Plug III, Inside 4½" casing, 32 sks, 36.8 cu. ft, surface casing shoe-surface, 0-187'.**
- Fill cellar and install dry hole marker with 31 sks, 35.65 cu ft, Class G neat cement.
- RD Aztec Well Service Rig 450. Clean location, move.
- Bill Diers with BLM witnessed the job.
- Photos of P&A marker and GPS coordinates attached per NMOCD COA.
- **Well P&A'ed on 11/20/2025.**

Completed P & A Wellbore Schematic

Sanchez-O'Brien # 90
30-045-29636
Basin Fruitland Coal
1310' FSL & 790' FWL
M-6-T25N-R9W
San Juan County, NM



7" 20#, J-55 casing @ 120': Hole size -9-1/8"

Cemented with 50 sks, 57.5 cu.ft, Class B cement. Circ 3 bbls cement

**Plug III, Inside 4 1/2" casing, 32 sks, 36.8 Cu. ft, Surface
Casing shoe-surface, 0-187'.**

**Plug II, Inside 4 1/2" casing, 18 sks, 20.7 Cu. ft, Kirtland-
Ojo Alamo, 614'-847'.**

**Set 4 1/2" CR @ 1688'. Squeeze 20 sks, 23 Cu.ft cement to
cover the Pictured cliffs top below the retainer.**

**Plug I, Inside 4 1/2" casing, Cement Retainer at 1688', 38
sks, 43.7 Cu.ft, Pictured Cliffs-Fruitland, 1443'-1738'.**

4 1/2" 10.5#, J-55 casing @ 1845'. Hole size: 6-1/4"

Cement w/ 307 Cu.ft Lodense and 83 Cu.ft Class G cement. 390
Cu.ft. Circ 10 bbls cement

Fruitland Coal Perforated @ 1738' – 1750' w/4 spf

PBTD @ 1801', TD 1860'

Sanchez-O'Brien # 90

30-045-29636

Basin Fruitland Coal

1310' FSL & 790' FWL

M-6-T25N-R9W

San Juan County, NM

Formation Tops (Referenced for the P/A)

- Surface Casing – 120'
- Ojo Alamo – 745'
- Kirtland – 797'
- Fruitland – 1640'
- Perforations – 1738'-1750'
- Pictured Cliffs – 1766'

Tyra Feil

From: Diede, Loren, EMNRD <Loren.Diede@emnrd.nm.gov>
Sent: Thursday, November 20, 2025 7:49 AM
To: Rennick, Kenneth G; Omar Ramirez; Vermersch, Thomas, EMNRD; Durham, John, EMNRD; Smith, Clarence, EMNRD; Aliph Reena; Lucero, Virgil S; Diers, William B
Cc: Tyra Feil; Indalecio Roldan; Alex Robles
Subject: RE: [EXTERNAL] CBL and Revised proposal - Dugan Production - Sanchez-O'Brien #90

NMOCD concurs with BLM regarding the proposed changes.

Loren

Thank you,
Loren Diede
Senior Petroleum Specialist
Engineering Special Projects
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-394-3582 OCD cell



From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Thursday, November 20, 2025 7:29 AM
To: Omar Ramirez <oramirez@aztecwell.com>; Diede, Loren, EMNRD <Loren.Diede@emnrd.nm.gov>; Vermersch, Thomas, EMNRD <Thomas.Vermersch@emnrd.nm.gov>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Smith, Clarence, EMNRD <Clarence.Smith@emnrd.nm.gov>; Aliph.Reena@duganproduction.com; Lucero, Virgil S <vlucero@blm.gov>; Diers, William B <WDiers@blm.gov>
Cc: Tyra.Feil@duganproduction.com; Indalecio Roldan <indalecio.rolدان@duganproduction.com>; Alex Robles <arobles@aztecwell.com>
Subject: Re: [EXTERNAL] CBL and Revised proposal - Dugan Production - Sanchez-O'Brien #90

The BLM finds the proposed procedure appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Omar Ramirez <oramirez@aztecwell.com>
Sent: Wednesday, November 19, 2025 7:25 PM
To: Diede, Loren, EMNRD <loren.diede@emnrd.nm.gov>; Vermersch, Thomas, EMNRD <thomas.vermersch@emnrd.nm.gov>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Smith, Clarence, EMNRD <clarence.smith@emnrd.nm.gov>; Aliph.Reena@duganproduction.com <Aliph.Reena@duganproduction.com>; Lucero, Virgil S <vlucero@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Diers, William B <WDiers@blm.gov>
Cc: Tyra.Feil@duganproduction.com <Tyra.Feil@duganproduction.com>; Indalecio Roldan <indalecio.roldan@duganproduction.com>; Alex Robles <arobles@aztecwell.com>
Subject: [EXTERNAL] CBL and Revised proposal - Dugan Production - Sanchez-O'Brien #90

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Revised proposal post CBL.

Dugan Production Corp.
Sanchez O'Brien #90
API: 30-045-29636

From the CBL, the TOC appear to be at approx. at the surface shoe 39'. Based on the CBL we request the following changes to the original approved NOI.

- **Plug I, Pictured Cliffs-Fruitland (1738'-1538'):** we will split plug #1 due to good pressure test and length of the plug. 20sxs below CICR & 12sxs above to cover the PC & Fruitland formation tops
- **Plug II, Kirtland-Ojo Alamo (847'-645'):** Inside Plug
- **Surface Plug, (170'-0')**
- **We will cut-off and top-off with 1" polyline after cut-off**

Omar Ramirez
Rig Manager – San Juan Basin
Aztec Well Servicing Co.
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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 539595

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 539595
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	1/7/2026