

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Name: S BLANCO NAV 8	Well Location: T23N / R7W / SEC 8 / NENE / 36.248047 / -107.588882	County or Parish/State: RIO ARRIBA / NM
Well Number: 1	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N00C14205607	Unit or CA Name:	Unit or CA Number:
US Well Number: 300392254800S1	Operator: DUGAN PRODUCTION CORPORATION	

Notice of Intent

Sundry ID: 2866995

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/05/2025

Time Sundry Submitted: 01:46

Date proposed operation will begin: 09/01/2025

Procedure Description: Dugan Production plans to plug and abandon the well per the attached procedure.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

South_Blanco_Navajo_8_1_Rec_Plan_4_8_25_20250805133824.pdf

South_Blanco_Navajo_8_1_proposed_PA_formation_tops_20250805133742.pdf

South_Blanco_Navajo_8_1_proposed_PA_planned_wellbore_schematic_20250805133726.pdf

South_Blanco_Navajo_8_1_proposed_PA_current_wellbore_schematic_20250805133712.pdf

South_Blanco_Navajo_8_1_proposed_PA_planned_work_20250805133659.pdf

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Type of Well: OIL WELL

Allottee or Tribe Name: EASTERN NAVAJO

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Unit or CA Name:

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US Well Number: 300392254800S1

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: AUG 05, 2025 01:36 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: Approved

Disposition Date: 08/22/2025

Signature: Kenneth Rennick

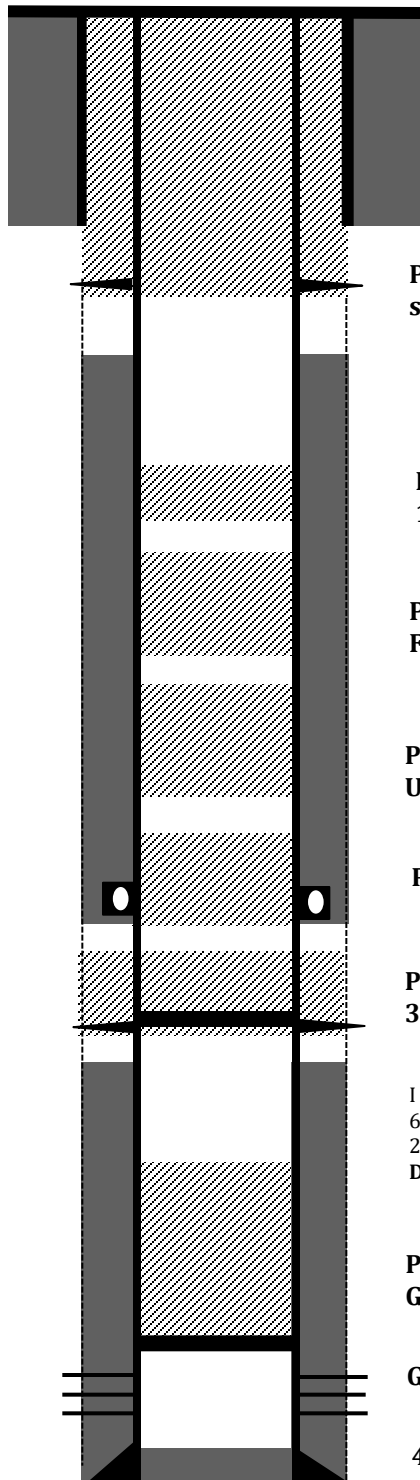
Dugan Production plans to plug and abandon the well per the following procedure:

- PU & tally 2-3/8" workstring. Run 4½" casing scraper to 5220'. RIH & set 4½" cement retainer @ 5206'. **Gallup & Mancos perforations @ 5256'-5775'**.
- Load and circulate hole clean. Run CBL from 5206' to surface. Cement tops from a previous CBL is reported in the well files, but will re-run CBL to verify tops as part of P&A. Will make necessary changes to the plugs after reviewing the CBL.
- **Plug I, Gallup-Mancos:** Sting in the cement retainer at 5206'. Squeeze 20 sks, 23 cu ft Class G neat cement to cover the Gallup top under the retainer. Sting out. Spot Plug I inside 4½" casing from 5206' on top of the CIBP to cover till 4537' w/54 sks (62.1 cu ft) Class G cement to cover the Gallup-Mancos tops & Gallup-Mancos perforations. **Plug I, Inside 4½" casing, cement retainer at 5206', 74 sks, 85.1 cu ft, Gallup Mancos tops & Gallup-Mancos perforations, 4537'-5206'**.
- **Plug II, Mesaverde:** Perforate at 3670'. Set a 4½" CR at 3620'. Spot Plug II inside/outside 4½" casing from 3670' to 3520' w/52 sks (59.8 cu ft) Class G cement to cover the Mesaverde top. 40 sks – 46 cu ft outside casing, and 12 sks – 13.8 cu ft inside casing. **Plug II, Inside 4½" casing, perforations at 3670', cement retainer at 3620', 52 sks, 59.8 cu ft, Mesaverde, 3520'-3620'**.
- **Plug III, DV tool:** Spot Plug III inside 4½" casing from 3198' to 3048' w/12 sks, 13.8 cu ft Class G neat cement to cover the DV tool. **Plug III, Inside 4½" casing, 12 sks, 13.8 cu ft, DV tool, 3048'-3198'**.
- **Plug IV, Upper Chacra-Lower Chacra:** Spot Plug IV inside 4½" casing from 2610' to 1992' w/50 sks, 57.5 cu ft Class G cement to cover the Lower Chacra & Upper Chacra tops. **Plug IV, Inside 4½" casing, 50 sks, 57.5 cu ft, Lower Chacra-Upper Chacra, 1992'-2610'**.
- **Plug V, Pictured Cliffs-Fruitland:** Spot Plug V inside 4½" casing from 2193' to 1714' w/38 sks, 43.7 cu ft Class G cement to cover the Pictured Cliffs & Fruitland tops. **Plug V, Inside 4½" casing, 38 sks, 43.7 cu ft, Pictured Cliffs-Fruitland, 1714'-2193'**.
- **Plug VI, Kirtland-Ojo Alamo:** Spot Plug VI inside 4½" casing from 1672' to 1395' w/22 sks (25.3 cu ft) Class G cement to cover the Kirtland & Ojo Alamo tops. **Plug VI, Inside 4½" casing, 22 sks, 25.3 cu ft, Kirtland-Ojo Alamo, 1395'-1672'**.
- **Plug VII, Surface:** Perforate at 295'. Spot & squeeze Plug VII inside/outside 4½" casing from 295' to surface w/150 sks, 170.72 cu ft Class G neat cement to cover the surface casing shoe to surface. Circulate cement to surface through BH. **Plug VII, Inside/Outside 4½" casing, perforations at 295', 150 sks, 170.72 cu ft, Surface Casing shoe-Surface, 0-295'**.
- Cut wellhead. Tag TOC at surface. Fill cement in case needed.
- Install dryhole marker. Clean location.

Planned P & A Wellbore Schematic

South Blanco Navajo 8 # 1
30-039-22548
Lybrook Gallup
330' FSL & 330' FEL
S8-T23N-R07W
Rio Arriba County, NM
Lat:36.2481346 Long:-107.5894852

8 5/8" 24# casing @ 255' Hole size 12 1/4"
Cement w/ 200 sks class B. Circ 14 bbl cement to surface



Plug VII, Inside/Outside 4 1/2" casing, Perforations at 295', 150 sks, 170.72 Cu.ft, Surface Casing shoe-Surface, 0-295'

Plug VI, Inside 4 1/2" casing, 22 sks, 25.3 Cu.ft, Kirtland-Ojo Alamo, 1395'-1672'

Plug V, Inside 4 1/2" casing, 38 sks, 43.7 Cu.ft, Pictured Cliffs-Fruitland, 1714'-2193'

Plug IV, Inside 4 1/2" casing, 50 sks, 57.5 Cu.ft, Lower Chacra-Upper Chacra, 1992'-2610'

Plug III, Inside 4 1/2" casing, DV tool, 12 sks, 13.8 Cu.ft, 3048'-3198'

Plug II, Inside 4 1/2" casing, Perforations at 3670', Cement Retainer at 3620', 52 sks, 59.8 Cu.ft, Mesaverde, 3520'-3620'

1st stage with 530 sacks 50/50 B-poz with 2% gel. Second stage cemented with 330 sacks 65/35 B-poz with 12% gel and 1# flocele/sk, and tailed with 130 sacks 50/50 B-poz with 2% gel and 1/4 # flocele/sk.
DV tool at 3148'

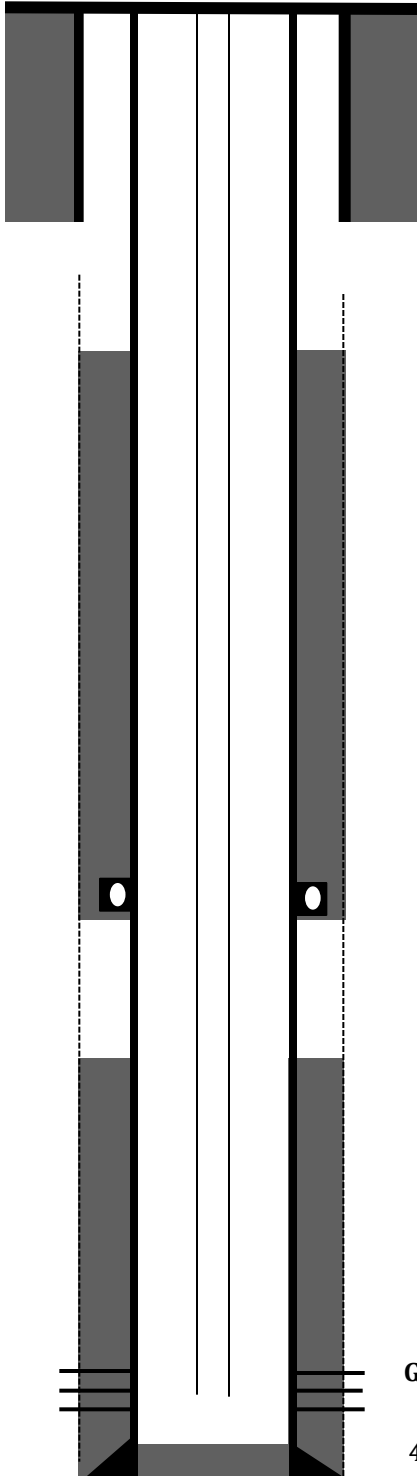
Plug I, Inside 4 1/2" casing, Cement Retainer at 5206', 74 sks, 85.1 Cu.ft, Gallup Mancos tops & Gallup-Mancos perforations, 4537'-5206'

Gallup Perforated @ 5256'-5775'

4 1/2" 10.5 # casing @ 5810'. Hole size 7-7/8"

Current Wellbore Schematic

South Blanco Navajo 8 # 1
30-039-22548
Lybrook Gallup
330' FSL & 330' FEL
S8-T23N-R07W
Rio Arriba County, NM
Lat:36.2481346 Long:-107.5894852



8 5/8" 24# casing @ 255' Hole size 12 1/4"
Cement w/ 200 sks class B. Circ 14 bbl cement to surface

I st stage with 530 sacks 50/50 B-poz with 2% gel. Second stage cemented with 330 sacks 65/35 B-poz with 12% gel and 1# flocele/sk, and tailed with 130 sacks 50/50 B-poz with 2% gel and 1/4 # flocele/sk.
DV tool at 3148'

Gallup Perforated @ 5256'-5775'

4 1/2" 10.5 # casing @ 5810'. Hole size 7-7/8"

South Blanco Navajo 8 # 1
30-039-22548
Lybrook Gallup
330' FSL & 330' FEL
S8-T23N-R07W
Rio Arriba County, NM
Lat:36.2481346 Long:-107.5894852

Elevation ASL : 7178' GR

Formation Tops (Operator Submitted)

- **Surface Casing - 255'**
- **Ojo Alamo - 1495'**
- **Kirtland - 1622'**
- **Fruitland - 1814'**
- **Pictured Cliffs - 2143'**
- **Lewis - 2232'**
- **Upper Chacra - 2092'**
- **Lower Chacra - 2560'**
- **DV Tool - 3148'**
- **Mesaverde - 3620'**
- **Mancos - 4637'**
- **Gallup - 5498'**
- **Mancos/Gallup Perfs - 5256'-5775'**



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington District Office
6251 College Boulevard, Suite A
Farmington, New Mexico 87402
<http://www.blm.gov/nm>



CONDITIONS OF APPROVAL

August 22, 2025

Notice of Intent – Plug and Abandonment

Operator: Dugan Production Corporation
Lease: NOOC-14-20-5607
Well(s): South Blanco Navajo 8 2, US Well # 30-039-22880
Location: NWNE Sec 8 T23N R07W (Rio Arriba, NM)
Sundry Notice ID #: 2867224

The Notice of Intent to Plug and Abandon is accepted with the following Conditions of Approval (COA):

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. The following modifications to your plugging program are to be made:
 - a. Plug 4 should be adjusted to cover 100' above BLM geologist pick for the Fruitland at 1670'. It is recommended to combine Plug 4 and Plug 5.
3. **Notification:** Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564 7750.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

K. Rennick 8/22/2025

**GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON FIELD OFFICE**

- 1.0 The approved plugging plans may contain variances from the following minimum general requirements.
- 1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.
 - 1.2 Requirements may be added to address specific well conditions.
- 2.0 Materials used must be accurately measured. (densometer/scales)
- 3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.
- 3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.
- 4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.
- 4.1 The cement shall be as specified in the approved plugging plan.
 - 4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
 - 4.3 Surface plugs may be no less than 50' in length.
 - 4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
 - 4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.
 - 4.6 **A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. **If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.**

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H₂S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), through the Automated Fluid Minerals Support System (AFMSS) with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

BLM - FFO - Geologic Report

Date Completed: 8/22/2025

Well No.	S Blanco Nav 8 #2	Surf. Loc.	750	FNL	1650	FEL	
API	30-039-22880		T. 23 N	R. 07 W	Section		8
Operator	Dugan Production Corp.	County	San Juan		State		NM
Elevation (KB)	7178						
Lease #	NOOC-14-20-5607						

Geologic Formations	Tops	Remarks
Ojo Alamo	1420	F/W Sands
Kirtland	1543	
Fruitland	1670	Coal, Gas
Pic. Cliffs	2080	Gas
Lewis	2171	
Chacra (U)	2492	Gas
Chacra (L)	2890	Gas
Cliffhouse	3580	
Menefee	3736	Gas
Pt. Lookout	4387	Gas
Mancos	4641	Gas
Gallup	5460	Gas

Remarks: Plug 4 should be adjusted to cover 100' above BLM geologist pick for the Fruitland at 1670'. It is recommended to combine Plug 4 and Plug 5.

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 498646

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 498646
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	NMOCD approves for record.	8/26/2025