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

Sundry Print Report

01/27/2025

Well Name: BLANCO WASH

Well Location: T24N / R9W / SEC 2 / NWSE / 36.340057 / -107.754196

County or Parish/State: SAN JUAN / NM

Well Number: 1

Type of Well: OIL WELL

Allottee or Tribe Name: EASTERN NAVAJO

Lease Number: 142006031404

Unit or CA Name:

Unit or CA Number:

US Well Number: 300452247300C1

Operator: DUGAN PRODUCTION CORPORATION

Notice of Intent

Sundry ID: 2831797

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 01/15/2025

Time Sundry Submitted: 09:04

Date proposed operation will begin: 01/27/2025

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

Blanco_Wash_1_Rec_Plan_20250115090016.pdf

Blanco_Wash_1_proposed_PA_formation_tops_20250115090000.pdf

Blanco_Wash_1_proposed_PA_planned_wellbore_schematic_20250115085949.pdf

Blanco_Wash_1_proposed_PA_current_wellbore_schematic_20250115085938.pdf

Blanco_Wash_1_proposed_PA_planned_work_20250115085927.pdf

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US Well Number: 300452247300C1

Operator: DUGAN PRODUCTION CORPORATION

Conditions of Approval

Additional

2831797_NOI_PnA_Blanco_Wash_1_3004522473_MHK_01.24.2025_20250124141433.pdf

General_Requirement_PxA_20250124141419.pdf

BlancoWash_1_P_A_GeoReport_20250124122100.pdf

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: JAN 15, 2025 09:00 AM

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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Approved

Disposition Date: 01/24/2025

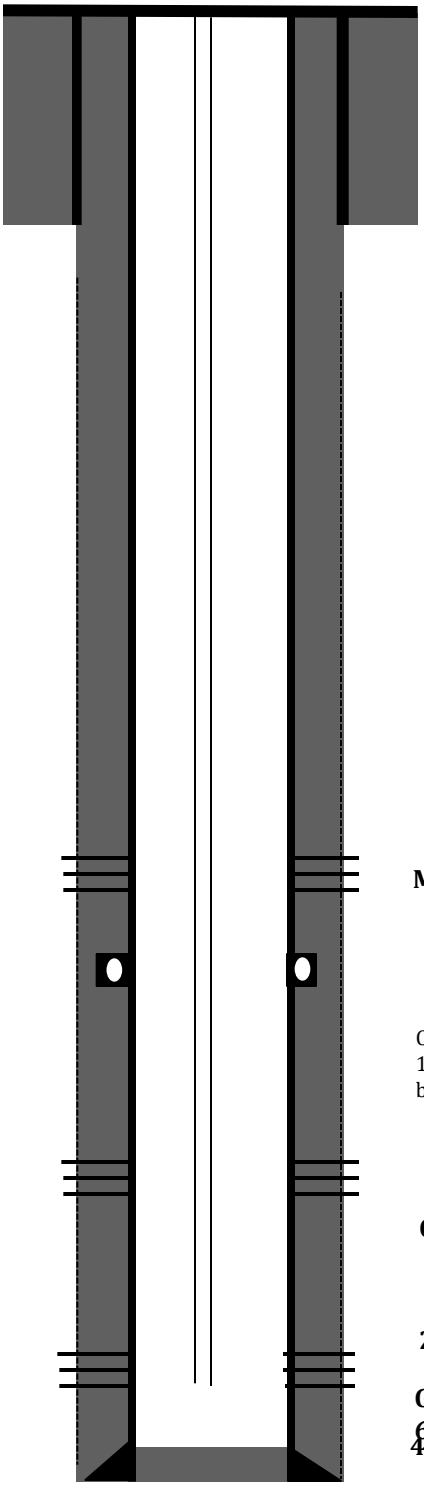
Signature: Matthew Kade

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

- PU & tally 2-3/8" workstring. Run 4½" casing scraper to 6040'. **RIH & set 4½" Cement Retainer @ 6024'**. Greenhorn-Dakota perforations @ 6074'-6128'.
- **Plug I:** Sting inside below the cement retainer at 6024' and squeeze Plug I w/20 sks, 23 cu ft Class G neat cement to cover the Greenhorn, Graneros & Dakota tops below the retainer. Sting out and spot plug w/12 sks on top of the cement retainer at 6024' to 5874' to cover the Greenhorn-Graneros-Dakota tops above the retainer. **Plug I, Inside 4½" casing, 32 sks (36.8 cu ft), Geenhorn-Graneros-Dakota, 5874'-6128'.**
- **Set CIBP at 5082'.** Gallup perforations @ 5132'-5400'. Attempt to run CBL from 5082' to 4105'. Will WOC all plugs till we are above the Mesaverde perforations. All plugs are designed assuming good cement behind 4½" casing for this NOI. Will make necessary changes to the plugs after reviewing the CBL.
- **Plug II:** Spot Plug II inside 4½" casing from 5082' above the CIBP to 4932' w/12 sks (13.8 cu ft) Class G cement to cover the Gallup top. **Plug II, Inside 4½" casing, 12 sks, 13.8 cu ft, Gallup, 4932'-5082'.**
- **Plug III:** Spot Plug III inside 4½" casing from 4380' to 4187' w/18 sks (20.7 cu ft) Class G cement to cover the DV tool & Mancos top. **Plug III, Inside 4½" casing, 18 sks, 20.7 cu ft, Mancos-DV, 4187'-4380'.**
- **Set CIBP at 4048'.** Load and circulate hole. Attempt to pressure test casing to 650 psi for 30 minutes. Run CBL from 4048' to surface. All plugs are designed assuming good cement behind 4½" casing for this NOI. Will make necessary changes to the plugs after reviewing the CBL.
- **Plug IV:** Spot Plug IV inside 4½" casing from 4048' to 3883' to cover the Mesaverde perforations till Point Lookout top. **Plug IV, Inside 4½" casing, 12 sks, 13.8 cu ft, Mesaverde perforations, 3883'-4048'.**
- **Plug V:** Spot Plug V inside 4½" casing from 3250' to 3100' w/12 sks, 13.8 cu ft Class G cement to cover the Mesaverde top. **Plug V, Inside 4½" casing, 12 sks, 13.8 cu ft, Mesaverde, 3100'-3250'.**
- **Plug VI:** Spot Plug VI inside 4½" casing from 2480' to 2330' w/12 sks, 13.8 cu ft Class G cement to cover the Chacra top. **Plug VI, Inside 4½" casing, 12 sks, 13.8 cu ft, Chacra, 2330'-2480'.**
- **Plug VII:** Spot Plug VII inside 4½" casing from 1723' to 1308' w/34 sks, 39.1 cu ft Class G cement to cover the Fruitland-Pictured Cliffs tops. **Plug VII, Inside 4½" casing, 34 sks, 39.1 cu ft, Fruitland-Pictured Cliffs, 1308'-1723'.**
- **Plug VIII:** Spot Plug VIII inside 4½" casing from 1060' to 745' w/26 sks (29.9 cu ft) Class G cement to cover the Kirtland-Ojo Alamo tops. **Plug VIII, Inside 4½" casing, 26 sks, 29.9 cu ft, Ojo Alamo-Kirtland, 745'-1060'.**
- **Plug IX:** Spot Plug IX inside 4½" casing from 281' to surface w/24 sks, 27.6 cu ft to cover the surface casing shoe to surface. **Plug IX, Inside 4½" casing, 24 sks, 27.6 cu ft, surface casing shoe, 0-281'.**
- Cut wellhead. Tag TOC at surface. Fill cement in case needed.
- Install dry hole marker. Clean location.

Current Wellbore Schematic

Blanco Wash #1
API: 30-045-22473
Sec 2 T24N R09W
1550' FSL & 1490' FEL
San Juan County, NM
Lat: 36.340542 Long: -107.754567



8-5/8" J-55 43# casing @ 231'. Cemented with 145 sks Cement. Circulated to surface

Mesaverde Perforations @ 4098'-4105'

Cemented Stage I w/ 450 sks, Class B. **DV tool @ 4330**'. Stage II w/ 450 sks 65-35-12 & 125 sks Class B. Circulated 8 bbl cement to surface. Will run CBL to determine TOC behind casing

Gallup Perforations @ 5132'-5400'

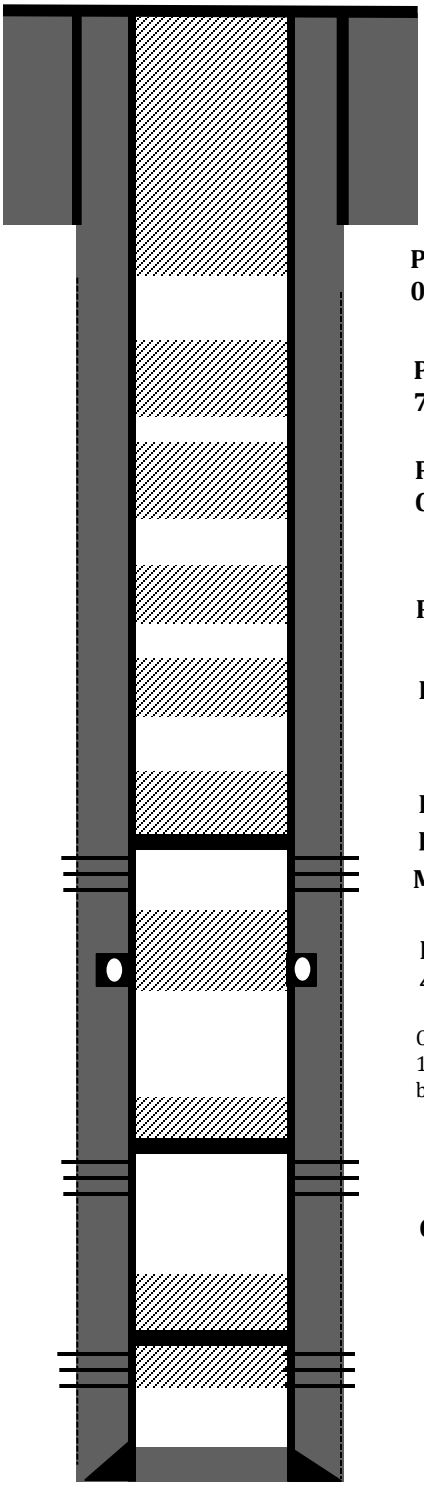
2-3/8" tubing set at 6161', TA at 3956'

Greenhorn-Graneros-Dakota Perforated @ 6074'-6128'

4 ½" 10.5 # casing @ 6348', Hole size 7-7/8"

Planned P & A Schematic

Blanco Wash #1
API: 30-045-22473
Sec 2 T24N R09W
1550' FSL & 1490' FEL
San Juan County, NM
Lat: 36.340542 Long: -107.754567



8-5/8" J-55 43# casing @ 231'. Cemented with 145 sks Cement. Circulated to surface

Plug IX, Inside 4 ½" casing, 24 sks, 27.6 Cu.ft, Surface casing shoe, 0-281'

Plug VIII, Inside 4 ½" casing, 26 sks, 29.9 Cu.ft, Ojo Alamo-Kirtland, 745'-1060'

Plug VII, Inside 4 ½" casing, 34 sks, 39.1 Cu.ft, Fruitland-Pictured Cliffs, 1308'-1723'

Plug VI, Inside 4 ½" casing, 12 sks, 13.8 Cu.ft, Chacra, 2330'-2480'

Plug V, Inside 4 ½" casing, 12 sks, 13.8 Cu.ft, Mesaverde, 3100'-3250'

Plug IV, Inside 4 ½" casing, 12 sks, 13.8 Cu.ft, Mesaverde perforations, 3883'-4048'

Mesaverde Perforations @ 4098'-4105'

Plug III, Inside 4 ½" casing, 18 sks, 20.7 Cu.ft, Mancos-DV, 4187'-4380'

Cemented Stage I w/ 450 sks, Class B. **DV tool @ 4330**'. Stage II w/ 450 sks 65-35-12 & 125 sks Class B. Circulated 8 bbl cement to surface. Will run CBL to determine TOC behind casing

CIBP @ 5082'. Plug II, Inside 4 ½" casing, 12 sks, 13.8 Cu.ft, Gallup, 4932'-5082'

Gallup Perforations @ 5132'-5400'

Cement Retainer @ 6024'. Plug I, Inside 4 ½" casing, 32 sks (36.8 Cu.ft), Greenhorn-Graneros-Dakota, 5874'-6128'.

Graneros-Dakota Perforated @ 6074'-6128'

4 ½" 10.5 # casing @ 6348', Hole size 7-7/8"

Blanco Wash #1
API: 30-045-22473
Sec 2 T24N R09W
1550' FSL & 1490' FEL
San Juan County, NM
Lat: 36.340542 Long: -107.754567

Elevation ASL : 6588' GR

Formation Tops

- **Surface Casing – 231'**
- **Ojo Alamo – 845'**
- **Kirtland – 1010'**
- **Fruitland – 1408'**
- **Pictured Cliffs – 1673'**
- **Chacra – 2430'**
- **Mesaverde – 3200'**
- **Mesaverde Perforations – 4098'-4105'**
- **Mancos – 4287'**
- **DV tool – 4330'**
- **Gallup – 5115'**
- **Gallup perforations – 5132'-5400'**
- **Greenhorn – 6064'**
- **Greenhorn-Graneros-Dakota Perforations – 6074'-6128'**
- **Graneros – 6128'**
- **Dakota – 6210'**

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

January 24, 2025

Notice of Intent - Plug and Abandonment

Operator: Dugan Production Corporation
Lease: 142006031404
Well(s): Blanco Wash 1, API # 30-045-22473
Location: NWSE Sec 2 T24N R9W (San Juan County, NM)
Sundry Notice ID#: 2831797

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 made:**

   a. Adjust Plug #5 (Mesaverde) to cover BLM Cliffhouse formation top pick @ 2990'. Estimated minimum 12 Sx Cement (2890' – 3040').

   b. Adjust Plug #6 (Chacra) to cover BLM Lower Chacra formation top pick @ 2485'. Estimated minimum 12 Sx Cement (2385' – 2535').

   c. Adjust Plug #7 (Fruitland/Picture Cliffs) top to cover BLM Picture Cliffs and Fruitland formation top picks at 1679' and 1310', respectively. Estimated minimum 41 sx Cement (1210' – 1729')

3. **Notification:** Farmington Field Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.

4. **Deadline of Completion of Operations:** Complete the plugging operation before January 24, 2026. If unable to meet the deadline, notify the Bureau of Land Management's Farmington Field Office prior to the deadline via Sundry Notice (Form 3160-5) Notice of Intent detailing the reason for the delay and the date the well is to be plugged.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements. Any estimated minimum sacks provided in procedure modification include necessary excesses.

Office Hours: 7:45 a.m. to 4:30 p.m.

Matthew Kade (mkade@blm.gov/505-564-7736) / Kenny Rennick (krennick@blm.gov/505-564-7742)

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 H_2S.

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) and 43 CFR 3172.12(a)(10). 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: Jan. 24 2025

Well No.	**Blanco Wash #1**	Surf. Loc.	**1550**	FSL	**1490**	FEL	
API	**30-045-22473**		**T. 24 N**	**R. 9 W**	Section	2	
Operator	**Dugan Production Corp**	County	**San Juan**		State	**NM**	
Elevation (KB	**6600**						
Lease #	**N/A**						

Geologic Formations	Tops	Remarks
Ojo Alamo	845	F/W Sands
Kirtland	1010	
Fruitland	1310	Coal, Gas
Pic. Cliffs	1679	Gas
Lewis	1772	
Upper Chacra	2110	
Lower Chacra	2485	Gas
Cliffhouse	2990	
Menefee	3191	
Pt. Lookout	4095	
Mancos	4290	Oil, Gas
Gallup	5115	Oil, Gas
Greenhorn	5911	
Graneros	6060	
Dakota	6210	Gas

Remarks: Adjust plug V to cover BLM-picked Cliffhouse Formation. Adjust plug VI to adjust BLM-picked Lower Chacra. Adjust Plug VII to cover BLM-picked Fruitland/Pictured Cliffs.

Completed by Alek Knapowski

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

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 425000
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Tribal - approved for record only	1/27/2025