

Well Name: BLANCO WASH	Well Location: T24N / R9W / SEC 1 / NWSW / 36.340134 / -107.745117	County or Parish/State: SAN JUAN / NM
Well Number: 5	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: 142006031402	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452293700S1	Operator: DUGAN PRODUCTION CORPORATION	

Notice of Intent

Sundry ID: 2835493

Type of Submission: Notice of Intent Type of Action: Plug and Abandonment

Date Sundry Submitted: 02/05/2025 Time Sundry Submitted: 11:42

Date proposed operation will begin: 02/24/2025

Procedure Description: Dugan Production Corp. 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_5_Rec_Plan_12_18_24_w_FIMO_pre_PA_insp_20250205113740.pdf
- Blanco_Wash_5_proposed_PA_formation_tops_20250205113727.pdf
- Blanco_Wash_5_proposed_PA_planned_wellbore_schematic_20250205113715.pdf
- Blanco_Wash_5_proposed_PA_current_wellbore_schematic_20250205113704.pdf
- Blanco_Wash_5_proposed_PA_planned_work_20250205113654.pdf

Received by OCD: 2/12/2025 2:13:13 PM

Page 2 of 12

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Conditions of Approval

Additional

2835493_NOI_PnA_Blanco_Wash_5_3004522937_MHK_02.07.2025_20250207081552.pdf
General_Requirement_PxA_20250207081519.pdf
BlancoWash_5_P_A_GeoReport_20250206152824.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: FEB 05, 2025 11:36 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

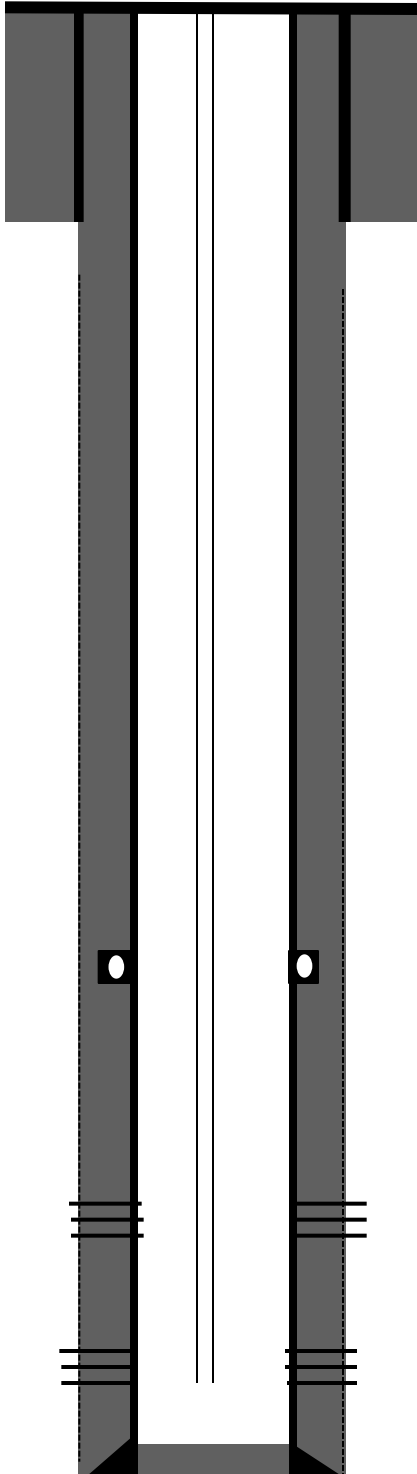
BLM POC Name: MATTHEW H KADE	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647736	BLM POC Email Address: MKADE@BLM.GOV
Disposition: Approved	Disposition Date: 02/07/2025
Signature: Matthew Kade	

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

- PU & tally 2-3/8" workstring. Run 4½" casing scraper to 6160'. **RIH & set 4½" Cement Retainer @ 6140'.** Greenhorn perforations @ 6190'-6240'.
- **Plug I:** Sting inside below the cement retainer at 6140' 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 from 6140' to 5990' to cover the Greenhorn top above the retainer. **Plug I, Inside 4½" casing, 32 sks (36.8 cu ft), Greenhorn-Graneros-Dakota, 5990'-6190'.**
- **Set CIBP at 5160'.** Gallup perforations are from 5210'-5836'. Run CBL from 5160' 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 II:** Spot Plug II inside 4½" casing from 5160' above the CIBP w/32 sks (36.8 cu ft) Class G cement to 4751' to cover the Gallup perforations & Gallup top. **Plug II, Inside 4½" casing, 32 sks, 36.8 cu ft, Gallup top & Gallup perforations, 4751'-5160'.**
- **Plug III:** Spot Plug III inside 4½" casing from 4497' to 4346' w/12 sks (13.8 cu ft) Class G cement to cover the DV tool & Mancos top. **Plug III, Inside 4½" casing, 12 sks, 13.8 cu ft, Mancos-DV, 4346'-4497'.**
- **Plug IV:** Spot Plug IV inside 4½" casing from 3408' to 2593' to cover the Mesaverde & Lower Chacra tops w/64 sks, 73.6 cu ft Class G neat cement. **Plug IV, Inside 4½" casing, 64 sks, 73.6 cu ft, Mesaverde-Lower Chacra, 2593'-3408'.**
- **Plug V:** Spot Plug V inside 4½" casing from 2262' to 1730' w/42 sks, 48.3 cu ft Class G cement to cover the Upper Chacra & Pictured Cliff tops. **Plug V, Inside 4½" casing, 42 sks, 48.3 cu ft, Upper Chacra-Pictured Cliff, 1730'-2262'.**
- **Plug VI:** Spot Plug VI inside 4½" casing from 1619' to 864' w/60 sks, 69 cu ft Class G cement to cover the Fruitland-Kirtland-Ojo Alamo tops. **Plug VI, Inside 4½" casing, 60 sks, 69 cu ft, Fruitland-Kirtland-Ojo Alamo, 864'-1619'.**
- **Plug VII:** Spot Plug VII inside 4½" casing from 267' to surface w/22 sks, 23.9 cu ft to cover the surface casing shoe to surface. **Plug VII, Inside 4½" casing, 22 sks, 23.9 cu ft, surface casing shoe, 0-267'.**
- Cut wellhead. Tag TOC at surface. Fill cement in case needed.
- Install dryhole marker. Clean location.

Current Wellbore Schematic

Blanco Wash #5
API: 30-045-22937
Sec 1 T24N R09W
1550' FSL & 1190' FWL
San Juan County, NM
Lat: 36.339920, Long: -107.745645



8-5/8" J-55 24# casing @ 217'. Cemented with 140 sks Cement.

Cemented Stage I w/ 350 sks, Class B. DV tool @ 4447'. Stage II w/ 465 sks 65-35-12 cement. Will run CBL to determine TOC behind casing

2-3/8", 4.7# J-55 Tubing at 6152'

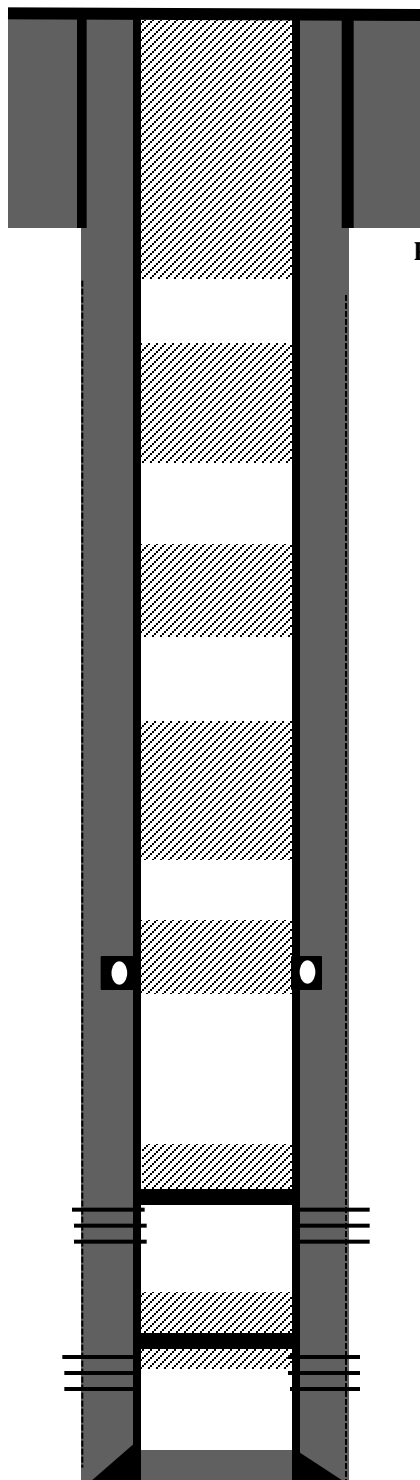
Gallup Perforations @ 5210'-5836'

Graneros Perforated @ 6190'-6240'

4 1/2" 10.5 # casing @ 6485', Hole size 7-7/8"

Planned P & A Schematic

Blanco Wash #5
 API: 30-045-22937
 Sec 1 T24N R09W
 1550' FSL & 1190' FWL
 San Juan County, NM
 Lat: 36.339920, Long: -107.745645



8-5/8" J-55 24# casing @ 217'. Cemented with 140 sks Cement.

Plug VII, Inside 4 ½" casing, 22 sks, 23.9 Cu.ft, Surface casing shoe, 0-267'

Plug VI, Inside 4 ½" casing, 60 sks, 69 Cu.ft, Fruitland-Kirtland-Ojo Alamo, 864'-1619'

Plug V, Inside 4 ½" casing, 42 sks, 48.3 Cu.ft, Upper Chacra-Pictured Cliff, 1730'-2262'

Plug IV, Inside 4 ½" casing, 64 sks, 73.6 Cu.ft, Mesaverde-Lower Chacra, 2593'-3408'

Plug III, Inside 4 ½" casing, 12 sks, 13.8 Cu.ft, Mancos-DV, 4346'-4497'

Cemented Stage I w/ 350 sks, Class B. DV tool @ 4447'. Stage II w/ 465 sks 65-35-12 cement. Will run CBL to determine TOC behind casing

CIBP @ 5798'. Plug II, Inside 4 ½" casing, 32 sks, 36.8 Cu.ft, Gallup Top & Gallup Perforations, 4751'-5160'

Gallup Perforations @ 5210'-5836'

Plug I, Inside 4 ½" casing, 32 sks (36.8 Cu.ft), Greenhorn, 5990'-6190'.

Graneros Perforated @ 6190'-6240'

4 ½" 10.5 # casing @ 6485', Hole size 7-7/8"

Blanco Wash #5

API: 30-045-22937

Sec 1 T24N R09W

1550' FSL & 1190' FWL

San Juan County, NM

Lat: 36.339920, Long: -107.745645

Elevation ASL : 6707' KB

Formation Tops

- **Surface Casing - 217'**
- **Ojo Alamo - 964'**
- **Kirtland - 1192'**
- **Fruitland - 1569'**
- **Pictured Cliffs - 1830'**
- **Lewis - 1995'**
- **Chacra Upper- 2212'**
- **Chacra Lower - 2693'**
- **Mesaverde - 3353'**
- **Mancos - 4446'**
- **DV tool - 4447'**
- **Gallup - 4851'**
- **Gallup perforations - 5210'-5836'**
- **Greenhorn - 6183'**
- **Greenhorn Perforations - 6190'-6240'**
- **Graneros - 6242'**
- **Dakota - 6332'**



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

February 7, 2025

Notice of Intent - Plug and Abandonment

Operator: Dugan Production Corporation
Lease: 142006031402
Well(s): Blanco Wash 5, API # 30-045-22937
Location: NWSW Sec 1 T24N R9W (San Juan County, NM)
Sundry Notice ID#: 2835493

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 4 (Mesaverde-Lower Chacra) to cover BLM geologist's Mesaverde and Lower Chacra formation top picks @ 3405' and 2693', respectively. Plug 3 should cover at a minimum 2643' - 3455', estimated minimum 64 sx.
 - b. Adjust Plug 5 (Upper Chacra-Picture Cliffs) to cover BLM geologist's Upper Chacra and Picture Cliffs formation top picks @ 2351' and 1830', respectively. Plug 5 should cover at a minimum 1780' - 2401', estimated minimum 49 sx.
 - c. Adjust Plug 6 (Fruitland-Kirtland-Ojo Alamo) to cover BLM geologist's Fruitland, Kirtland, and Ojo Alamo formation top picks @ 1569', 1280', and 845', respectively. Plug 6 should cover at a minimum 795' - 1619', estimated minimum 65 sx.
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 22, 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 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) 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:** Feb 6 2025

Well No.	Blanco Wash #5	Surf. Loc.	1550	FNL	1190	FEL
API	30-045-22937		T. 24 N	R. 9 W	Section	1
Operator	Dugan Production Corp	County	San Juan		State	NM
Elevation (KB)	6707					
Lease #	N/A					

Geologic Formations	Tops	Remarks
Ojo Alamo	845	F/W Sands
Kirtland	1280	
Fruitland	1569	Coal, Gas
Pic. Cliffs	1830	Gas
Lewis	1995	
Upper Chacra	2351	
Lower Chacra	2693	Gas
Cliffhouse	3405	
Menefee	3840	
Pt. Lookout	4218	
Mancos	4446	Oil, Gas
Gallup	4961	Oil, Gas
Greenhorn	6159	
Graneros	6241	Gas
Dakota	6332	Gas

Remarks: Adjust plugs to cover BLM-picked formation tops- plug IV to cover BLM-picked Cliffhouse Fm, plug V to cover BLM-picked Pictured Cliffs, and Plug VI to cover BLM-picked Ojo Alamo Fm.

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/oed/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 431407

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 431407
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Tribal - approved for record only	2/13/2025