

Well Name: A MARRON	Well Location: T27N / R8W / SEC 27 / SESW / 36.539413 / -107.672455	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM03604	Unit or CA Name:	Unit or CA Number:
US Well Number: 300450619800S1	Operator: DUGAN PRODUCTION CORPORATION	

Notice of Intent

Sundry ID: 2808452

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

Date Sundry Submitted: 08/26/2024 Time Sundry Submitted: 01:43

Date proposed operation will begin: 09/09/2024

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

- Marron_A_1_Rec_Plan_20240826134039.pdf
- Marron_A_1_proposed_PA_formation_tops_20240826134021.pdf
- Marron_A_1_proposed_PA_planned_wellbore_schematic_20240826134010.pdf
- Marron_A_1_proposed_PA_current_wellbore_schematic_20240826133954.pdf
- Marron_A_1_proposed_PA_planned_work_20240826133936.pdf

Received by OCD: 9/4/2024 7:50:42 AM

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SESW / 36.539413 / -107.672455

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Operator: DUGAN PRODUCTION
CORPORATION

Conditions of Approval

Additional

Marron_A__1_P_A_Geo_Report_20240903142210.pdf

Authorized

General_Requirement_PxA_20240903171313.pdf

2808452_NOIA_1_3004506198_KR_09032024_20240903171304.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
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

Signed on: AUG 26, 2024 01:43 PM

Field

Representative Name: Aliph Reena
Street Address: PO Box 420
City: Farmington State: NM
Phone: (505)360-9192
Email address: Aliph.Reena@duganproduction.com

Zip: 87499-0420

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK
BLM POC Phone: 5055647742
Disposition: Approved
Signature: Kenneth Rennick

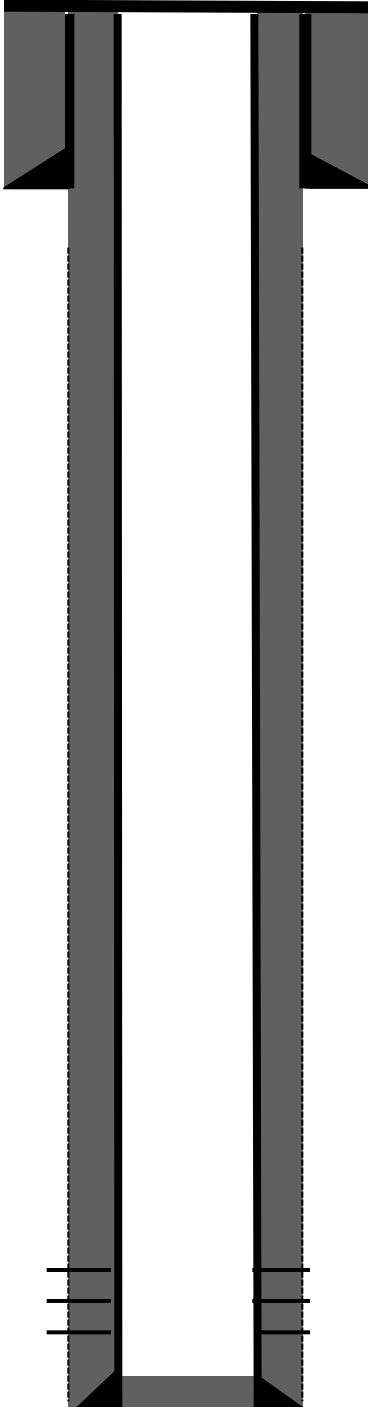
BLM POC Title: Petroleum Engineer
BLM POC Email Address: krennick@blm.gov
Disposition Date: 09/03/2024

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

- Run 5½" casing scraper to 2790'. Pictured Cliffs perforations @ 2808'-2865'.
- RIH and set 5½" CIBP at 2758'. Load and circulate hole.
- Attempt to pressure test casing to 600 psi for 30 mins.
- Run CBL from 2758' to surface.
- Spot inside Plug I above CIBP @ 2758' w/60 sks (69 cu ft) Class G neat cement to 2271' to cover the Fruitland & Pictured Cliffs tops (5 gal/sk, 15.8 #/gal, 1.15 cu ft/sk). **Plug I, inside 5½" casing, 2271'-2758', Fruitland-Pictured Cliffs, 60 sks, 69 cu ft.**
- Spot inside Plug II from 2159' w/36 sks Class G neat cement (41.4 cu ft) to 1870' to cover the Kirtland-Ojo Alamo tops. **Plug II, inside 5½" casing, 1870'-2159', Kirtland-Ojo Alamo, 36 sks, 41.4 cu ft.**
- Spot Plug III inside 5½" casing from 200' to surface to cover the surface casing shoe to surface w/24 sks 27.6 cu ft. **Plug III, inside 5½" casing, 0-200', Surface casing shoe, 24 sks, 27.6 cu ft.**
- Cut wellhead off. Fill casing w/cement in case needed. Install dry hole marker.
- Clean location. Rig down and move.

Current Wellbore Schematic

Marron A #1
30-045-06198
Blanco PC South
850' FSL & 1775' FWL
S27 T27N R8W
San Juan County, NM
Lat: 36.539552, Long: -107.673413



8-5/8" 24# casing @ 145'. Cemented with 150 sks, Class B cement.
Circulated cement to surface.

5 1/2" 14# casing @ 2885'

Cement production casing w/ 150 sks Cement

Pictured Cliffs Perforated @ 2808' - 2865'

Planned P & A Wellbore Schematic

Marron A #1

30-045-06198

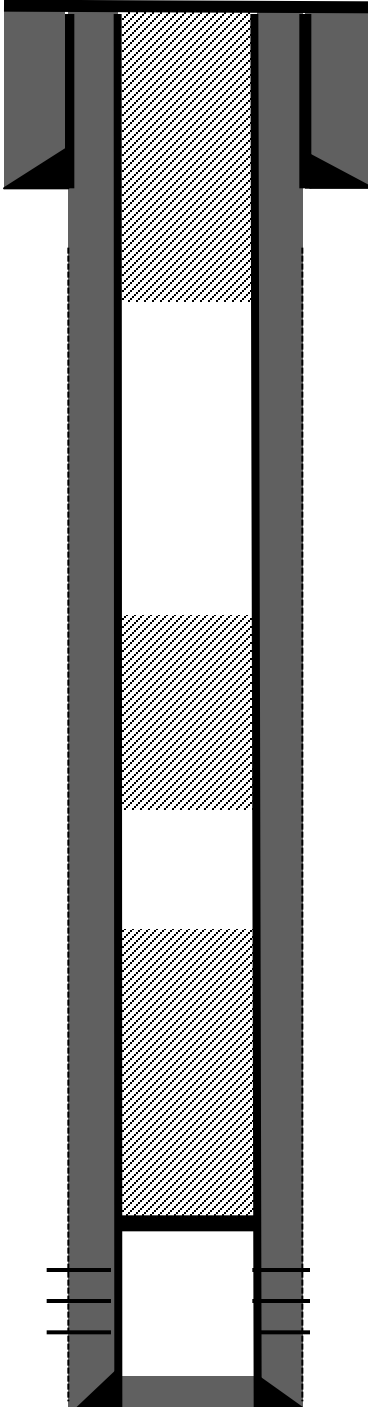
Blanco PC South

850' FSL & 1775' FWL

S27 T27N R8W

San Juan County, NM

Lat: 36.539552, Long: -107.673413



8-5/8" 24# casing @ 145'. Cemented with 150 sks, Class B cement.
Circulated cement to surface.

**Plug III, Inside 5 1/2" casing, 0-200', Surface casing shoe, 24 sks,
27.6 Cu.ft**

**Plug II, inside 5 1/2" casing, 1870'-2159', Kirtland-Ojo Alamo, 36
sks, 41.4 Cu.ft.**

**Set 5 1/2" CIBP @ 2758'. Plug I, Inside 5 1/2" casing, 2271'-2758',
Fruitland-Pictured Cliffs, 60 sks, 69 Cu.ft.**

5 1/2" 14# casing @ 2885'

Cement production casing w/ 150 sks Cement

Pictured Cliffs Perforated @ 2808' - 2865'

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30-045-06198
Blanco PC South
850' FSL & 1775' FWL
S27 T27N R8W
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Formation Tops

- *Surface Casing - 156'*
- *Ojo Alamo - 1970'*
- *Kirtland - 2109'*
- *Fruitland - 2371'*
- *Pictured Cliffs - 2801'*
- *Perforations : 2808'-2865'*

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

AFMSS 2 Sundry ID 2808452

Attachment to notice of Intention to Abandon

Well: A Marron 1

CONDITIONS OF APPROVAL

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. Adjust Plug 2 to accommodate BLM-Picked Ojo Alamo Formation Top at 1718 feet. A top of cement of 1618 feet will be sufficient.
3. 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.

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

K. Rennick 09/03/2024

**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: Sept. 9 2024

Well No. **Marron A #1**

API **30-045-06198**

Operator **Dugan**

Elevation **6754**

Lease # **NMNM03604**

Surf. Loc. **850**

T. 27 N

County **San Juan**

FSL **1775**

R. 08 W

State **NM**

FWL

Section **27**

Geologic Formations	Tops	Remarks
San Jose Fm.	Surface	
Ojo Alamo	1718	
Kirtland	2108	
Fruitland	2470	
Pic Cliffs	2804	
Lewis	N/A	
Chacra	N/A	
Cliffhouse	N/A	
Menefee	N/A	
Pt Lookout	N/A	
Mancos	N/A	
Gallup	N/A	

Please adjust Plug #2 to accommodate BLM-Picked Ojo Alamo Fm. Top.

Completed by Alek Knapowski

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 380347

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 380347
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Rig moving to site - OCD concurs with BLM for picks on tops add Nacimiento plug at 680 -Monitor strings pressures daily report on subsequent - submit all logs prior to subsequent.	9/4/2024