

Well Name: BRONZE MEDAL	Well Location: T23N / R10W / SEC 3 / SWNW / 36.257797 / -107.889633	County or Parish/State: SAN JUAN / NM
Well Number: 2	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N00C14207307	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452692500S1	Well Status: Producing Oil Well	Operator: DUGAN PRODUCTION CORPORATION

Notice of Intent

Sundry ID: 2760031

Type of Submission: Notice of Intent

Date Sundry Submitted: 11/06/2023

Date proposed operation will begin: 12/04/2023

Type of Action: Plug and Abandonment

Time Sundry Submitted: 01:49

Procedure Description: Dugan Production plans to plug and abandon the well per the following procedure: 1) PU & tally 2-3/8", 4.7# tubing. Run 4½" casing scraper to 4424'. RIH & set 4½" CIBP @ 4424'. Gallup perforations @ 4474'-4690'. 2) Load & circulate hole. Pressure test casing to 600 psi for 30 minutes. Run CBL from 4424' to surface. Will make necessary changes to the plugs after reviewing the CBL. 3) Spot Plug I inside 4½" casing from 4424' to 4180' w/20 sks (23 cu ft) Class G cement to cover the Gallup top. Plug I, inside 4½" casing, 20 sks, 23 cu ft, Gallup, 4180'-4424'. 4) Spot Plug II inside 4½" casing from 3665' to 3515' w/12 sks (13.8 cu ft) Class G cement to cover the Mancos top. Plug II, inside 4½" casing, 12 sks, 13.8 cu ft, Mancos, 3515'-3665'. 5) Spot Plug III inside 4½" casing from 1885' to 1484' w/32 sks (36.8 cu ft) Class G cement to cover the Mesaverde and Chacra tops. Plug III, inside 4½" casing, 32 sks, 36.8 cu ft, Mesaverde-Chacra, 1484'-1885'. 6) Spot Plug IV inside 4½" casing from 1104' to 660' w/35 sks (39.8 cu ft) Class G cement to cover the Pictured Cliffs & Fruitland tops. Plug IV, inside 4½" casing, 35 sks, 39.8 cu ft, Pictured Cliffs – Fruitland, 660'-1104'. 7) Spot Plug V inside 4½" casing from 356' to surface w/28 sks (32.2 Cu ft) Class G cement to cover the Kirtland-Ojo Alamo tops and surface casing shoe. Plug V, Kirtland-Ojo Alamo-Surface, inside 4½" casing, 28 sks, 32.2 cu ft, 0'-356'. 8) Cut wellhead. Tag TOC at surface. Fill cement in case needed. 9) Install dry hole marker. Clean location.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Bronze_Medal_2_PA_Reclamation_Plan_20231106134147.pdf

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Bronze_Medal_2_PA_formation_tops_20231106134036.pdf

Bronze_Medal_2_PA_proposed_wellbore_schematic_20231106134028.pdf

Bronze_Medal_2_PA_current_wellbore_schematic_20231106134021.pdf

Bronze_Medal_2_PA_Proposed_Plan_20231106134008.pdf

Conditions of Approval

Specialist Review

General_Requirement_PxA_20231107093305.pdf

23N10W03_Bronze_Medal_2_Geo_KR_20231107093256.pdf

2760031_NOIA_2_3004526925_KR_11072023_20231107093251.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: NOV 06, 2023 01:39 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: 11/07/2023

Signature: Kenneth Rennick

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

- PU & tally 2-3/8", 4.7# tubing. Run 4½" casing scraper to 4424'. RIH & set 4½" CIBP @ 4424'. Gallup perforations @ 4474'-4690'.
- Load & circulate hole. Pressure test casing to 600 psi for 30 minutes. **Run CBL from 4424' to surface.** Will make necessary changes to the plugs after reviewing the CBL.
- Spot Plug I inside 4½" casing from 4424' to 4180' w/20 sks (23 cu ft) Class G cement to cover the Gallup top. **Plug I, inside 4½" casing, 20 sks, 23 cu ft, Gallup, 4180'-4424'.**
- Spot Plug II inside 4½" casing from 3665' to 3515' w/12 sks (13.8 cu ft) Class G cement to cover the Mancos top. **Plug II, inside 4½" casing, 12 sks, 13.8 cu ft, Mancos, 3515'-3665'.**
- Spot Plug III inside 4½" casing from 1885' to 1484' w/32 sks (36.8 cu ft) Class G cement to cover the Mesaverde and Chacra tops. **Plug III, inside 4½" casing, 32 sks, 36.8 cu ft, Mesaverde-Chacra, 1484'-1885'.**
- Spot Plug IV inside 4½" casing from 1104' to 660' w/35 sks (39.8 cu ft) Class G cement to cover the Pictured Cliffs & Fruitland tops. **Plug IV, inside 4½" casing, 35 sks, 39.8 cu ft, Pictured Cliffs - Fruitland, 660'-1104'.**
- Spot Plug V inside 4½" casing from 356' to surface w/28 sks (32.2 Cu ft) Class G cement to cover the Kirtland-Ojo Alamo tops and surface casing shoe. **Plug V, Kirtland-Ojo Alamo-Surface, inside 4½" casing, 28 sks, 32.2 cu ft, 0'-356'.**
- Cut wellhead. Tag TOC at surface. Fill cement in case needed.
- Install dry hole marker. Clean location.

Current Wellbore Schematic

Bronze Medal # 2

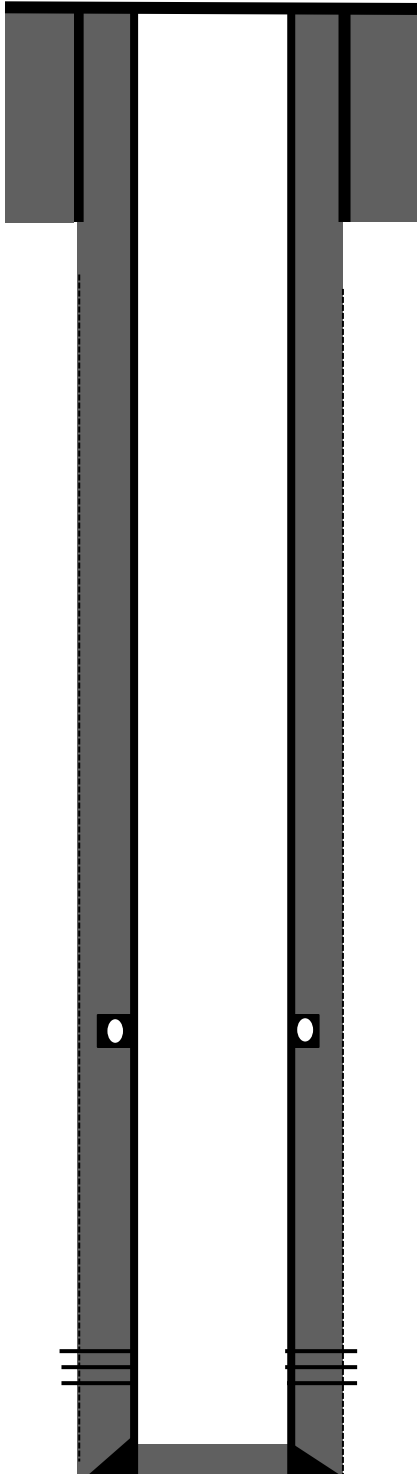
API: 30-045-26925

Unit E Sec 3 T23N R10W

1830' FNL & 670' FWL

San Juan County, NM

Lat:36.2579155 Long:-107.8903275



8-5/8" J-55 24# casing @ 220'. Cemented with 135 sks Class B (159 Cu.ft). Circulated 5 bbls cement to surface. Hole size: 12-1/4

Cemented Stage I w/ 225 sks 50-50 poz, 286 Cu.ft cement. DV @ 3649'.
Stage II w/ 600 sks 65-35 w/ 12% followed w/ 50 sks 50-50 poz, 1389 Cu.ft. Total cement 1675 Cu.ft. Circulated 2 bbl cement to surface. Will run CBL.

Gallup Perforated @ 4474'-4690'

4 1/2" 10.5 # casing @ 4830'. PBTD @ 4775'. Hole size: 7-7/8"

Planned Wellbore Schematic

Bronze Medal # 2

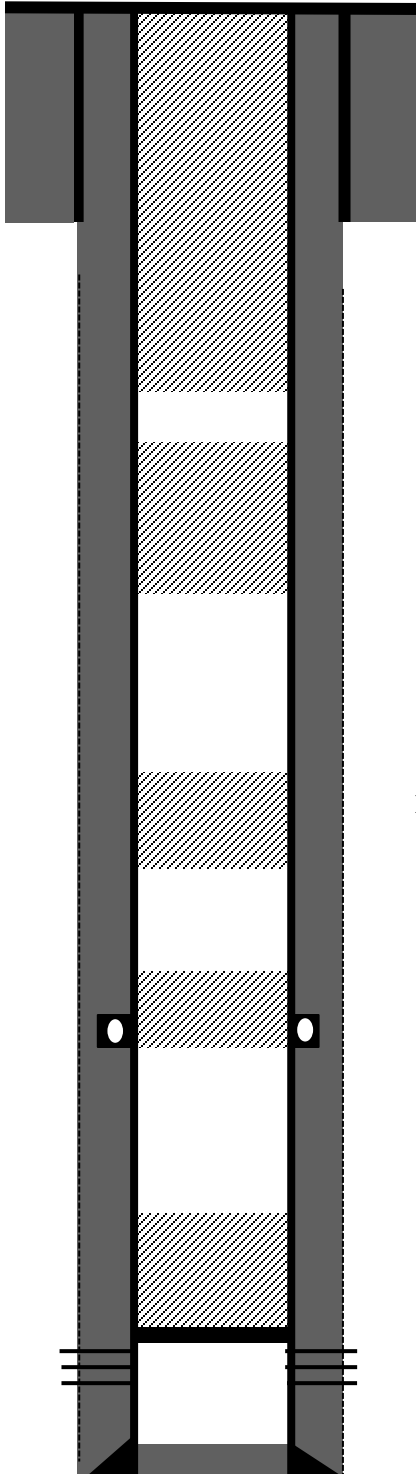
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Plug V, Kirtland-Ojo Alamo-Surface, Inside 4 1/2" casing, 28 sks, 32.2 Cu.ft, 0'-356'

Plug IV, Inside 4 1/2" casing, 35 sks, 39.8 Cu.ft, Pictured Cliffs – Fruitland, 660'-1104'

Plug III, Inside 4 1/2" casing, 32 sks, 36.8 Cu.ft, Mesaverde-Chacra, 1484'-1885'

Plug II, Inside 4 1/2" casing, 12 sks, 13.8 Cu.ft, Mancos, 3515'-3665'

Cemented Stage I w/ 225 sks 50-50 poz, 286 Cu.ft cement. DV @ 3649'.
Stage II w/ 600 sks 65-35 w/ 12% followed w/ 50 sks 50-50 poz, 1389 Cu.ft. Total cement 1675 Cu.ft. Circulated 2 bbl cement to surface. Will run CBL.

CIBP @ 4424'. Plug I, Inside 4 1/2" casing, 20 sks, 23 Cu.ft, Gallup, 4180'-4424'

Gallup Perforated @ 4474'-4690'

4 1/2" 10.5 # casing @ 4830'. PBSD @ 4775'. Hole size: 7-7/8"

Bronze Medal # 2
API: 30-045-26925
Unit E Sec 3 T23N R10W
1830' FNL & 670' FWL
San Juan County, NM
Lat:36.2579155 Long:-107.8903275

Elevation ASL : 6662 GL

Formation Tops

- **Ojo Alamo - 203**
- **Kirtland - 306**
- **Fruitland - 760**
- **Pictured Cliffs - 1054**
- **Lewis - 1195**
- **Chacra - 1586**
- **Mesaverde - 1835**
- **Mancos - 3615**
- **Gallup - 4280**

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

AFMSS 2 Sundry ID 2760031

Attachment to notice of Intention to Abandon

Well: Bronze Medal 2

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. Add cement so that the top of cement for Plug III is 50 feet above the BLM pick for the Chacra at 1500'.
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 11/07/2023

**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 FLUID MINERALS P&A Geologic Report

Date Completed: 11/07/2023

Well No. Bronze Medal 2 (API 30-045-26925)	Location				
Lease No. N00C14207307	Sec. 3	T23N		R10W	
Operator Dugan Production Corporation	County	San Juan	State	New Mexico	
Total Depth 4830' (TD)	4775' (PB)	Formation	Gallup		
Elevation (GL) 6662'					

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/freshwater sands
Nacimiento Fm					Possible freshwater sands
Ojo Alamo Ss	203				Aquifer (possible freshwater)
Kirtland Shale	306				
Fruitland Fm			760		Coal/Gas/Possible water
Pictured Cliffs Ss			1054		Gas
Lewis Shale			1195		
Chacra			1500		Gas
Cliff House Ss			1835		Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos Shale			3615		
Gallup			4280		O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:

P & A

-- Raster log data confirms the formation tops provided by the operator. Except for the Chacra formation top. The Dual Induction/ Short Guard raster log indicates the formation top to be at a depth of 1500 feet. Additional cement coverage should be added so that top of cement of Plug III is 50 feet above this pick for the Chacra formation.

-- Raster log data is limited for the Ojo Almo and the Kirtland formation. Could not determine exact location from the available data. The estimates by the operator are appropriate.

Prepared by: Kenneth Rennick

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 283526

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 283526
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Notify NMOCD 24 hours prior to moving on	11/7/2023