

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

Well Name: ANABEL

Well Location: T25N / R8W / SEC 33 /
NENE / 36.362701 / -107.679733

County or Parish/State: SAN
JUAN / NM

Well Number: 1

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM42424

Unit or CA Name:

Unit or CA Number:

US Well Number: 300452490700S1

Operator: DUGAN PRODUCTION
CORPORATION

Notice of Intent

Sundry ID: 2874398

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/18/2025

Time Sundry Submitted: 04:34

Date proposed operation will begin: 09/25/2025

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

Anabel_1_Rec_Plan_3_20_25_20250918163227.pdf

Anabel_1_proposed_PA_formation_tops_20250918163145.pdf

Anabel_1_proposed_PA_planned_wellbore_schematic_20250918163140.pdf

Anabel_1_proposed_PA_current_wellbore_schematic_20250918163125.pdf

Anabel_1_proposed_PA_planned_work_20250918163118.pdf

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Operator: DUGAN PRODUCTION CORPORATION

Conditions of Approval

Additional

Anabel_1_Geo_Rpt_20250922155231.pdf

Authorized

General_Requirement_PxA_20250923135700.pdf

2874398_1_3004524907_NOIA_KR_09232025_20250923135632.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: SEP 18, 2025 04:33 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: 09/23/2025

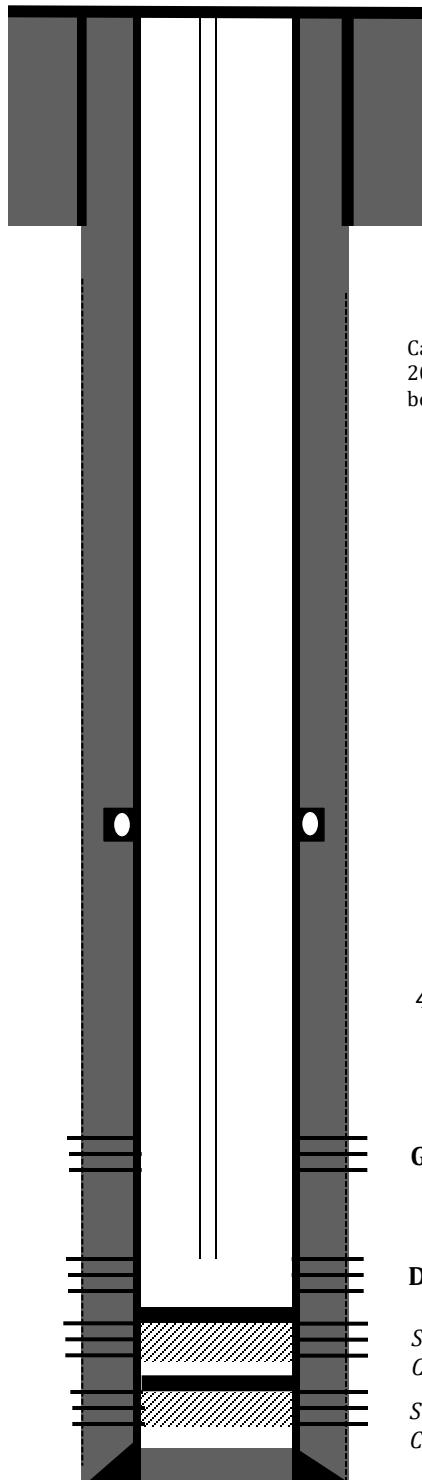
Signature: Kenneth Rennick

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

- PU & tally 2-3/8" workstring. Run 4½" casing scraper to 7060'. **RIH & set 4½" CIBP @ 7040'**. Dakota perforations are from 7090'-7110'.
- **Plug I, Dakota perforations, Dakota, Graneros:** Spot Plug I inside 4½" casing from 7040' above the CIBP w/12 sks (13.8 cu ft) Class G cement to 6890' to cover the Dakota perforations, Dakota & Graneros tops. **Plug I, Inside 4½" casing, CIBP at 7040', 12 sks, 13.8 cu ft, Graneros-Dakota-Dakota Perforations, 6890'-7040'.**
- **RIH and set 4½" CIBP at 6073'.** Gallup perforations are 6123'-6368'.
- Circulate and clean hole. Attempt to pressure test casing to 650 psi for 30 minutes.
- Run CBL from 6073' to surface. All plugs above Gallup perforations are designed assuming good cement behind 4½" casing for this NOI. Will do an inside plug for Dakota. Will make necessary changes to the plugs after reviewing the CBL.
- **Plug II, Gallup-Gallup perforations:** Spot Plug II inside 4½" casing from 6073' above the CIBP w/ 14 sks (16.1 cu ft) Class G cement to 5902' to cover the Gallup perforations & Gallup top. **Plug II, Inside 4½" casing, CIBP at 6073', 14 sks, 16.1 cu ft, Gallup Top & Gallup Perforations, 5902'-6073'.**
- **Plug III, Mancos:** Spot Plug III inside 4½" casing from 5320' to 5170' w/12 sks (13.8 cu ft) Class G cement to cover the Mancos top. **Plug III, Inside 4½" casing, 12 sks, 13.8 cu ft, Mancos, 5170'-5320'.**
- **Plug IV, Mesaverde-DV tool:** Spot Plug IV inside 4½" casing from 4528' to 4120' w/32 sks, 36.8 cu ft Class G neat cement to cover the Mesaverde top & DV tool. **Plug IV, Inside 4½" casing, 32 sks, 36.8 cu ft, Mesaverde-DV tool, 4120'-4528'.**
- **Plug V, Upper Chacra-Lower Chacra:** Spot Plug V inside 4½" casing from 4010' to 3410' w/48 sks, 55.2 cu ft Class G cement to cover the Upper Chacra & Lower Chacra tops. **Plug V, Inside 4½" casing, 48 sks, 55.2 cu ft, Upper Chacra-Lower Chacra, 3410'-4010'.**
- **Plug VI, Pictured Cliffs:** Spot Plug VI inside 4½" casing from 2710' to 2560' w/12 sks, 13.8 cu ft Class G cement to cover the Pictured Cliffs tops. **Plug VI, Inside 4½" casing, 12 sks, 13.8 cu ft, Pictured Cliffs, 2560'-2710'.**
- **Plug VII, Fruitland-Kirtland-Ojo Alamo:** Spot Plug VII inside 4½" casing from 2255' to 1690' w/46 sks, 52.9 cu ft Class G cement to cover the Fruitland, Kirtland & Ojo Alamo tops. **Plug VII, Inside 4½" casing, 46 sks, 52.9 cu ft, Fruitland-Kirtland-Ojo Alamo, 1690'-2255'.**
- **Plug VIII, Surface:** Spot Plug VIII inside 4½" casing from 550' to surface w/44 sks, 50.6 cu ft to cover the surface casing shoe to surface. **Plug VIII, Inside 4½" casing, 44 sks, 50.6 cu ft, surface casing shoe-Surface, 0-550'.**
- Cut wellhead. Tag TOC at surface. Fill cement in case needed.
- Install dry hole marker. Clean location.

Current Wellbore Schematic

Anabel # 1
API: 30-045-24907
Gallup-Dakota
A-Sec 33 T25N R08W
700' FNL & 600' FEL
San Juan County, NM



8-5/8" 24# casing @ 500'. Cemented with 360 sks Cement.

Casing cement Job: Cemented Stage I w/ 600 sks, cement. **DV tool @ 4478'**. Stage II w/ 208 sks 65-35 cement followed by 2400 sks cement. Will run CBL to determine TOC behind casing

4 1/2" 10.5 # casing @ 7332', Hole size 7-7/8"

2-3/8" tubing set at 7115'

Gallup Perforations @ 6123'-6368'

Dakota Perforations @ 7090'-7110'

Squeezed off Dakota Perfs at 7176'-7190' w/ Retainer at 7160' & Squeezed 35 sks Class B on 10-8-81 part of original completion.

Squeezed off Dakota Perfs at 7253'-7312' w/ Retainer at 7242' & Squeezed 35 sks Class B on 10-5-81 part of original completion.

Anabel # 1

API: 30-045-24907
A-Sec 33 T25N R08W
700' FNL & 600' FEL
San Juan County, NM

Elevation ASL : 7334' KB, 7320' GL

Formation Tops (Operator submitted)

- **Surface Casing - 500'**
- **Ojo Alamo - 1790'**
- **Kirtland - 2085'**
- **Fruitland - 2205'**
- **Pictured Cliffs - 2660'**
- **Lewis - 2734'**
- **Chacra Upper- 3510'**
- **Chacra Lower - 3960'**
- **Mesaverde - 4220'**
- **DV tool - 4478'**
- **Mancos - 5270'**
- **Gallup - 6002'**
- **Gallup perforations - 6123'-6368'**
- **Graneros - 7052'**
- **Dakota - 7084'**
- **Dakota perms - 7090'-7110'**



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

September 23, 2025

Notice of Intent – Plug and Abandonment

Operator: Dugan Production Corporation
Lease: NMNM42424
Well(s): Anabel 1, US Well # 30-045-24907
Location: NENE Sec 33 T25N R8W (San Juan, NM)
Sundry Notice ID #: 2874398

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. Modify Plug 2: make the TOC 5702' to cover the BLM geologist's pick for the El Vado Sandstone.
 - b. Modify Plug 3: make the BOC 5360' to cover the BLM geologist's pick for the Mancos.
 - c. Modify Plug 6: make the TOC 2510' to cover the BLM geologist's pick for the top of the Pictured Cliffs.
 - d. Modify Plug 7: make the TOC 1640' and the BOC 2390' to cover the BLM geologist's picks for the Ojo Alamo and the Fruitland.
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 9/23/2025

**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.

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 508581

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 508581
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	Notify the OCD inspection supervisor via email 24 hours prior to beginning Plug & Abandon (P&A) operations.	9/24/2025
loren.diede	Submit photo and GPS coordinates of the P&A marker with the final P&A reports. The API# on the marker is to be clearly legible.	9/24/2025