

Well Name: WITTY	Well Location: T23N / R10W / SEC 12 / SWNE / 36.244034 / -107.84433	County or Parish/State: SAN JUAN / NM
Well Number: 2	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM16762	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452598100S1	Operator: DUGAN PRODUCTION CORPORATION	

Subsequent Report

Sundry ID: 2875054

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 09/23/2025	Time Sundry Submitted: 10:02
Date Operation Actually Began: 07/29/2025	

Actual Procedure: Dugan Production plugged & abandoned the well on 07/29/2025 - 08/04/2025 per the attached procedure.

SR Attachments

- Actual Procedure
- Witty_2_BLM_apvd_plug_changes_20250923100117.pdf
 - Witty_2_SR_PA_formation_tops_20250923095735.pdf
 - Witty_2_SR_PA_completed_wellbore_schematic_20250923095728.pdf
 - Witty_2_SR_PA_work_completed_20250923095721.pdf

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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 23, 2025 10:01 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		

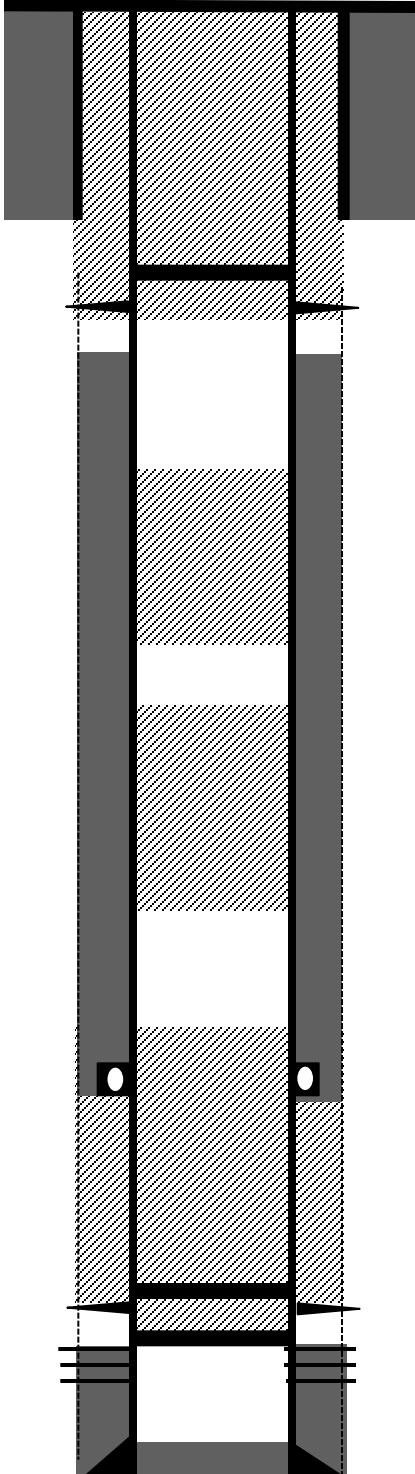
BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 09/26/2025
Signature: Kenneth Rennick	

Dugan Production P&A'd the well on **07/29/2025 - 08/04/2025** per the following procedure:

- MI & RU Aztec Rig 481 and cement equipment. Spot & RU.
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Pull and LD all rods & production tubing.
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- PU 2-3/8", 4.7#, J-55 tubing for workstring. Run 4½" string mill to 4166'.
- RIH & set 4½" cement retainer at 4123'. Gallup perforations @ 4173'-4869'.
- Load and circulate hole w/77 bbls water.
- **Attempt to pressure test casing to 600 psi for 30 mins. Casing won't test.**
- Check Pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Run CBL from 4123' to surface. Sent copy of CBL & revised procedure to BLM & NMOCD. Copy of communications attached.
- **Plug I, Gallup Perforations-Gallup-Mancos-DV tool:** Sting into CR. Attempt to get a rate below CR. Cannot get a rate. Locked up to 800 psi. Sting out. TOOH and SB. RU wireline and shoot squeeze holes at 4110'. RIH and set 4½" CR at 4060'. Sting in and attempt to get rate below retainer through squeeze holes. Established rates at 1.1 bpm at 400 psi. Swap to cement. Squeeze & spot Plug I inside/outside 4½" casing from 4110' w/104 sks (119.6 cu ft) Class G cement to cover the Gallup perforations, Gallup top, Mancos top & DV tool. 59 sks outside casing, 5 sks inside casing-below retainer, 40 sks above the retainer. Displaced w/13.7 bbls water. WOC overnight. Tagged TOC at 3343'. Good tag. **Plug I, Inside/Outside 4½" casing, 104 sks, 119.6 cu ft, perforations at 4110', cement retainers at 4110' & 4123', Gallup perforations-Gallup top-Mancos top & DV tool, 3343'-4110'.**
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- **Plug II, Mesaverde-Lower Chacra-Upper Chacra:** Spot Plug II inside 4½" casing from 2268' w/65 sks (74.8 cu ft) Class G cement to cover the Mesaverde, Lower Chacra & Upper Chacra tops. Displaced w/5.5 bbls. WOC 4 hrs. Tagged TOC at 1383'. Good tag. **Plug II, Inside 4½" casing, 65 sks, 74.8 cu ft, Mesaverde-Lower Chacra & Upper Chacra, 1383'-2268'.**
- **Plug III, Fruitland-Pictured Cliffs:** Spot Plug III inside 4½" casing from 988' w/32 sks, 36.8 cu ft Class G cement to cover the Pictured Cliffs & Fruitland tops. Displaced w/2 bbls water. WOC overnight. Tagged TOC at 618'. Good tag. **Plug III, Inside 4½" casing, 32 sks, 36.8 cu ft, Pictured Cliffs – Fruitland, 618'-988'.**
- **Plug IV, Kirtland-Ojo Alamo-Surface Casing shoe-Surface:** RU Wireline and shoot squeeze holes at 560'. RIH w/4½" cement retainer and set CR at 540'. Sting in and establish circulation to surface through BH. Swap to cement. Spot & squeeze Plug IV, Inside/Outside 4½" casing from 560' to surface with 110 sks, 126.5 cu ft Class G neat cement to cover the Kirtland, Ojo Alamo tops, Surface casing shoe, and circulate cement to surface through BH. No displacement. WOC 4 hrs. RU welder and cut wellhead off. Tagged TOC at 90' inside annulus & 19' inside casing. Good tag. **Plug IV, Inside/Outside 4½" casing, perforations at 560', cement retainer at 540', 110 sks, 126.5 cu ft, Kirtland-Ojo Alamo-Surface Casing-Surface, 0'-560'.**
- Top off annulus & casing, fill up cellar and install dry hole marker w/36 sks, 41.4 cu ft Class G neat cement.
- Clean location and rig down Aztec Well Services Rig 481.
- Garrick Lee w/BLM witnessed job.
- **Well P&A'd 08/04/2025.**

Witty #2
30-045-25981
Bisti S-Gallup (O)
1670' FNL & 1720' FEL
G-S12-T23N-R10W
San Juan County , NM



Cement w/ 135 sks class B +2% CaCl₂ (159 cu ft) Circ 2 bbls cement to surface

**Plug IV, Inside/Outside 4 1/2" casing, Perforations at 560',
Cement retainer at 540', 110 sks, 126.5 Cu.ft, Kirtland-Ojo
Alamo-Surface Casing-Surface, 0'-560'**

Plug III, Inside 4 ½" casing, 32 sks, 36.8 Cu.ft, Pictured Cliffs – Fruitland, 618'-988'

Plug II, Inside 4 ½" casing, 65 sks, 74.8 Cu.ft, Mesaverde-Lower Chacra & Upper Chacra, 1383'-2268'

1st stage: 230 sks 50/50 B-Poz with 2% gel and ¼ # celloflake/sack
2nd Stage: 410 sacks 65/35 B-Poz with 12% gel and ¼ # celloflake.per sack,
followed by 80 sacks 50/50 B-Poz with 2% gel and ¼ # cello-flake per sack.
Circ approx. ½ bbl of cement to surface.

**Plug I, Inside/Outside 4 1/2" casing, 104 sks, 119.6 Cu.ft,
Perforations at 4110', Cement retainers at 4110' & 4123', Gallup
perforations-Gallup top-Mancos top & DV tool, 3343'-4110'**

Gallup Perforated @ 4173'-4869'

4 1/2" 10.5# casing @ 5024'. Hole size 7 7/8 "

Witty #2

30-045-25981

Bisti S-Gallup (O)

1670' FNL & 1720' FEL

G-S12-T23N-R10W

San Juan County, NM

Lat: 36.244240, Long -107.845136

Elevation ASL : 6805' GL, 6817' KB

Formation Tops (Referenced for P & A)

- **Nacimiento – Surface (BLM)/418' (OCD)**
- **Surface Casing – 201'**
- **Ojo Alamo – 348'**
- **Kirtland – 548'**
- **Fruitland – 718'(BLM)/904'(OCD)**
- **Pictured Cliffs – 1178'(BLM)/1200'(OCD)**
- **Lewis – 1323'**
- **Upper Chacra – 1548'**
- **Lower Chacra – 1853'**
- **Mesaverde – 2218'(BLM)/1988'(OCD)**
- **Mancos – 3718'**
- **DV tool – 3792'**
- **Gallup – 4538'(BLM)/4407'(OCD)**
- **Gallup Perfs – 4173'-4869'**

Tyra Feil

From: Kade, Matthew H <mkade@blm.gov>
Sent: Thursday, July 31, 2025 5:07 PM
To: Aliph Reena; Brian McCann; Alex Robles; Lucero, Virgil S; Lee, Garrick L; JohnA.Garcia@emnrd.nm.gov; Rennick, Kenneth G; Dean Mestas; Loren.Diede@emnrd.nm.gov
Cc: Tyra Feil
Subject: Re: [EXTERNAL] Dugan Production Corp - CBL for Witty # 2 & Revised procedure.

The BLM approves of the changes to procedure.

Thanks,

Matthew Kade

Petroleum Engineer | Bureau of Land Management

Farmington Field Office | 6251 College Blvd., Suite A / Farmington, NM 87402

Office: 505-564-7736



From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Thursday, July 31, 2025 4:56 PM
To: Brian McCann <bmccann@aztecwell.com>; Alex Robles <arobles@aztecwell.com>; Lucero, Virgil S <vlucero@blm.gov>; Lee, Garrick L <glee@blm.gov>; JohnA.Garcia@emnrd.nm.gov <JohnA.Garcia@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Dean Mestas <dmestas@aztecwell.com>; Loren.Diede@emnrd.nm.gov <Loren.Diede@emnrd.nm.gov>
Cc: Tyra Feil <Tyra.Feil@duganproduction.com>
Subject: [EXTERNAL] Dugan Production Corp - CBL for Witty # 2 & Revised procedure.

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RE: Revised proposal post CBL

Dugan Production Corp.

Witty # 2

API: 30-045-25981

From the CBL, there is no cement behind the casing from the cement retainer to the DV tool at 3792'. The TOC behind casing from Stage II of cement job appears to be at approx at 580'. Based on the CBL we request the following changes to the original approved NOI.

- **Gallup Plug: Change from inside plug to an inside/outside plug:** Sting in cement retainer at 4123' and squeeze cement below the retainer to cover the Gallup top below the retainer. Sting out and reverse out clean. TOOH w/ tubing and RIH w/ wireline and perforate at 4110'. RIH and set another CR at 4060' and attempt to squeeze under the retainer and do an inside/outside plug for Gallup top/Gallup perforations. Will attempt to get rate and squeeze cement to cover the Gallup top behind casing. If a rate cannot be established, we request permission to do inside plug to cover Gallup-DV tool & Mancos tops. If a rate can be established, will do inside/outside for Gallup, and sting out and will do inside to cover the Mancos & DV tool inside casing. Tag and verify TOC.
- **Fruitland-Kirtland - Ojo Alamo-Nacimiento:** Do inside plug from 954' to 580' to cover Fruitland top (718'-BLM, 904'-NMOCD). Tag and verify. Perforate at 560' given the cement top behind casing at 580'. Attempt to break circulation to surface. If no circulation can be obtained to surface, set a cement retainer at 530' and do an inside/outside plug with required excess to cover the Kirtland top 548', Nacimiento top at 418' (NMOCD) & Ojo Alamo top at 348' (BLM). Incase a rate cannot be established, perforate at 468', and re-attempt for Nacimiento. If no rate can be obtained at 468', perforate at 398' and re-attempt for Ojo.
- **Surface 0 -251':** Incase a rate cannot be established to surface through the perforations at 530', 468' or 398', perforate at 251' and circulate cement to surface.

All other plugs will be inside plugs as approved in the original NOI.

Please let us know if the proposal is acceptable to BLM & NMOCD and we will proceed accordingly.

Aliph Reena
505-360-9192

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 509939

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 509939
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	9/30/2025