

Well Name: WEST BISTI UNIT	Well Location: T26N / R13W / SEC 28 / SWNE / 36.46101 / -108.22138	County or Parish/State: SAN JUAN / NM
Well Number: 127	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF078091	Unit or CA Name: WEST BISTI UNIT	Unit or CA Number: NMNM78448X
US Well Number: 300450568400S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2744911

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 08/07/2023	Time Sundry Submitted: 03:50
Date Operation Actually Began: 06/19/2023	

**Actual Procedure:** Dugan Production Corp P&A'd the well per the following procedure on 06/19/2023 – 06/28/2023: 1) MI&RU Aztec rig 481 and cement equipment. Spot equipment. 2) TOO H w/2", 4.6# J-55 buttress tubing. LD all injection tubing. PU and tally 1-1/4" workstring for P&A ops. Run 3 1/2" string mill to 4975'. 3) RU wireline and set 3 1/2" cement retainer @ 4965' (end of 3 1/2", 9.2# liner @ 4982'). 4) TIH & sting in cement retainer @ 4965'. Spot and squeeze cement, under cement retainer w/16 sks (18.4 cu ft) Class G neat cement to cover from 4965' to top of injection perforation @ 5028' inside the 5 1/2" casing. TOO H w/tubing. RU wireline & RIH w/3 1/2" CIBP to set on top of the CR. Set CIBP @ 4961'. Load hole. Ran CBL from 4961' to surface to determine TOC behind original 5 1/2" casing. Sent copies to BLM/NMOCD. 5) Load casing. Pressure test casing to 650 psi above the CIBP @ 4961'. Casing tested good. Spot reminder of Plug I on top of the CIBP w/12 sks (13.8 cu ft) above the CIBP inside 3 1/2" liner to cover top of Gallup from 4961' to 4674'. Displace w/8.6 bbls packer fluid for displacement. NNEPA requirement to use packer fluid in between plugs. Plug I, inside 3 1/2" casing, 28 sks, 32.2 cu ft, Gallup, 4674'-5028'. 6) Perforate @ 4061'. TIH & set CR @ 4036'. Sting inside CR. Tried to get a rate below the retainer. Cannot get a rate @ 1300 psi. Sting out. Spot and squeeze inside plug above CR w/12 sks, 13.8 cu ft, Class G neat cement inside the 3 1/2" casing to cover Mancos top from 4036' to 3750'. Displace w/6.8 bbls packer fluid. Plug II, inside 3 1/2" casing, 12 sks, 13.8 cu ft, Mancos, 3750'-4036'. 7) Perforate @ 2105'. Set 3 1/2" CR @ 2075'. Sting in. Establish rate @ 0.5 bpm @ 750 psi. Spot and squeeze inside/outside plug w/40 sks, 46 cu ft, Class G neat cement. 32 sks (36.8 cu ft) outside, 1.3 sks below the retainer & 6.7 sks above the retainer, inside the 3 1/2" casing to cover Mesaverde top from 2105' to 1921'. Displaced w/3.6 bbls packer fluid. Plug III, Inside/Outside, 40 sks, 46 cu ft, Mesaverde, 1921'-2105'. 8) Perforate @ 1650'. Set CR @ 1620'. Establish rate @ 0.5 bpm @ 750 psi. Spot and squeeze inside/outside plug w/40 sks, 46 cu ft, Class G neat cement. 32 sks (36.8 cu ft) outside, 1.3 sks below the retainer & 6.7 sks above the retainer, inside

Received by OCD: 8/8/2023 8:16:36 AM

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Lease Number: NMSF078091	Unit or CA Name: WEST BISTI UNIT	Unit or CA Number: NMNM78448X
US Well Number: 300450568400S1	Well Status: Abandoned	Operator: DUGAN PRODUCTION CORPORATION

the 3½” casing to cover Chacra top from 1650’ to 1466’. Displaced w/2.5 bbls packer fluid. Plug IV, Inside/Outside, 40 sks, 46 cu ft, Chacra, 1466’-1650’. 9) Perforate @ 1395’. Set CR @ 1360’. Spot and squeeze inside/outside plug w/40 sks, 46 cu ft, Class G neat cement. 32 sks (36.8 cu ft) outside, 1.3 sks below the retainer & 6.7 sks above the retainer, inside the 3½” casing to cover Pictured Cliffs top from 1395’ to 1211’. Displace w/2 bbls packer fluid. Plug V, Inside/Outside, 40 sks, 46 cu ft, Pictured Cliffs, 1211’-1395’. 10) Perforate @ 1045’. Set CR @ 1010’. Attempt to establish rate below the CR through the perfs. Cannot establish rate @ 1300 psi. Sting out. Spot Plug VI on top of the CR w/12 sks, 13.8 cu ft, Class G neat cement to 723’ to cover the Fruitland top. Displace w/ 1.2 bbls packer fluid. Plug VI, inside, 12 sks, 13.8 cu ft, Fruitland, 723’-1010’. 11) Perforate @ 275’. Cannot get a rate @ 1100 psi. Perforate @ 220’. Establish rate to surface, 1 bpm @ 1000 psi. RIH open ended to 303’. Spot and circulate cement to surface through BH w/115 sks Class G, 132.3 cu ft to cover the Kirtland-Ojo Alamo & surface casing shoe. Circulate cement to surface through BH. Plug VII, Inside/Outside, 115 sks, 132.3 cu ft, Kirtland-Ojo Alamo-Surface, 0’-303’. 12) Cut wellhead off. TOC inside casing and annulus @ surface. Top off cellar and install dry hole marker w/35 sks, 40.25 cu ft Class G neat. Well P&A’d 06/28/2023. Jean Bia w/NNEPA & BLM FFO witnessed job. Clean location and RD Aztec Rig 481. Move.

SR Attachments

Actual Procedure

- WBU\_127\_BLM\_apvd\_plug\_proposal\_20230807154344.pdf
- WBU\_127\_OCD\_apvd\_plug\_proposal\_20230807154331.pdf
- WBU\_127\_Post\_PA\_schematic\_20230807154321.pdf
- WBU\_127\_Post\_PA\_20230807154303.pdf

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Lease Number: NMSF078091	Unit or CA Name: WEST BISTI UNIT	Unit or CA Number: NMNM78448X
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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: AUG 07, 2023 03:42 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)325-1821  
Email address: Aliph.Reena@duganproduction.com

BLM Point of Contact

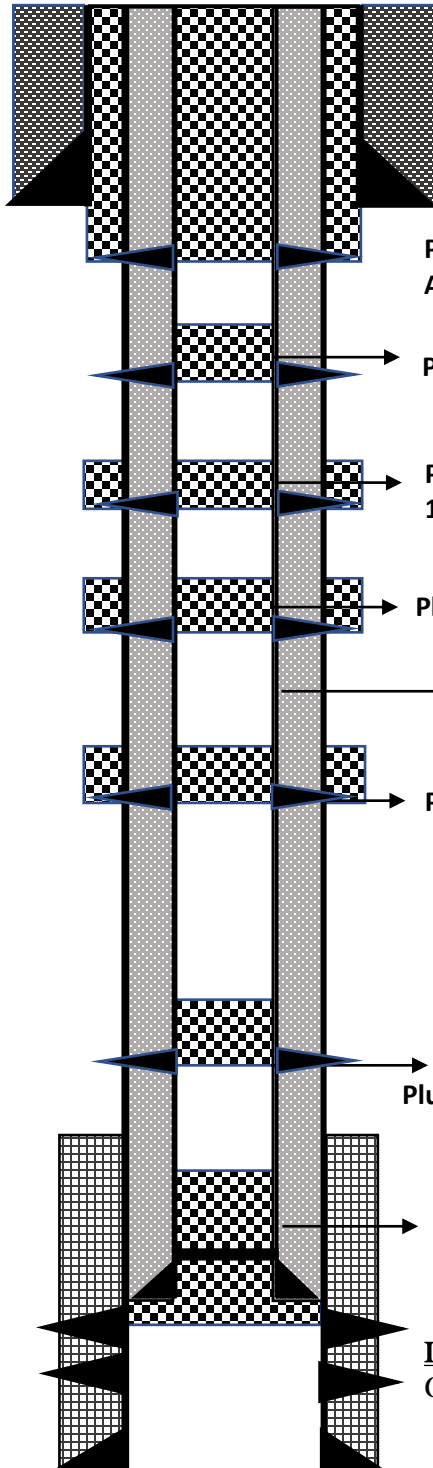
BLM POC Name: KENNETH G RENNICK  
BLM POC Title: Petroleum Engineer  
BLM POC Phone: 5055647742  
BLM POC Email Address: krennick@blm.gov  
Disposition: Accepted  
Disposition Date: 08/07/2023  
Signature: Kenneth Rennick

Dugan Production Corp P&A'd the well per the following procedure on 06/19/2023 – 06/28/2023:

- MI&RU Aztec rig 481 and cement equipment. Spot equipment.
- TOO H w/2", 4.6# J-55 buttress tubing. LD all injection tubing. PU and tally 1-1/4" workstring for P&A ops. Run 3 1/2" string mill to 4975'.
- RU wireline and set 3 1/2" cement retainer @ 4965' (end of 3 1/2", 9.2# liner @ 4982').
- TIH & sting in cement retainer @ 4965'. Spot and squeeze cement, under cement retainer w/16 sks (18.4 cu ft) Class G neat cement to cover from 4965' to top of injection perforation @ 5028' inside the 5 1/2" casing. TOO H w/tubing. RU wireline & RIH w/3 1/2" CIBP to set on top of the CR. Set CIBP @ 4961'. Load hole. Ran CBL from 4961' to surface to determine TOC behind original 5 1/2" casing. Sent copies to BLM/NMOCD.
- Load casing. Pressure test casing to 650 psi above the CIBP @ 4961'. Casing tested good. Spot reminder of Plug I on top of the CIBP w/12 sks (13.8 cu ft) above the CIBP inside 3 1/2" liner to cover top of Gallup from 4961' to 4674'. Displace w/8.6 bbls packer fluid for displacement. NNEPA requirement to use packer fluid in between plugs. **Plug I, inside 3 1/2" casing, 28 sks, 32.2 cu ft, Gallup, 4674'-5028'.**
- Perforate @ 4061'. TIH & set CR @ 4036'. Sting inside CR. Tried to get a rate below the retainer. Cannot get a rate @ 1300 psi. Sting out. Spot and squeeze inside plug above CR w/12 sks, 13.8 cu ft, Class G neat cement inside the 3 1/2" casing to cover Mancos top from 4036' to 3750'. Displace w/6.8 bbls packer fluid. **Plug II, inside 3 1/2" casing, 12 sks, 13.8 cu ft, Mancos, 3750'-4036'.**
- Perforate @ 2105'. Set 3 1/2" CR @ 2075'. Sting in. Establish rate @ 0.5 bpm @ 750 psi. Spot and squeeze inside/outside plug w/40 sks, 46 cu ft, Class G neat cement. 32 sks (36.8 cu ft) outside, 1.3 sks below the retainer & 6.7 sks above the retainer, inside the 3 1/2" casing to cover Mesaverde top from 2105' to 1921'. Displaced w/3.6 bbls packer fluid. **Plug III, Inside/Outside, 40 sks, 46 cu ft, Mesaverde, 1921'-2105'.**
- Perforate @ 1650'. Set CR @ 1620'. Establish rate @ 0.5 bpm @ 750 psi. Spot and squeeze inside/outside plug w/40 sks, 46 cu ft, Class G neat cement. 32 sks (36.8 cu ft) outside, 1.3 sks below the retainer & 6.7 sks above the retainer, inside the 3 1/2" casing to cover Chacra top from 1650' to 1466'. Displaced w/2.5 bbls packer fluid. **Plug IV, Inside/Outside, 40 sks, 46 cu ft, Chacra, 1466'-1650'.**
- Perforate @ 1395'. Set CR @ 1360'. Spot and squeeze inside/outside plug w/40 sks, 46 cu ft, Class G neat cement. 32 sks (36.8 cu ft) outside, 1.3 sks below the retainer & 6.7 sks above the retainer, inside the 3 1/2" casing to cover Pictured Cliffs top from 1395' to 1211'. Displace w/2 bbls packer fluid. **Plug V, Inside/Outside, 40 sks, 46 cu ft, Pictured Cliffs, 1211'-1395'.**
- Perforate @ 1045'. Set CR @ 1010'. Attempt to establish rate below the CR through the perms. Cannot establish rate @ 1300 psi. Sting out. Spot Plug VI on top of the CR w/12 sks, 13.8 cu ft, Class G neat cement to 723' to cover the Fruitland top. Displace w/ 1.2 bbls packer fluid. **Plug VI, inside, 12 sks, 13.8 cu ft, Fruitland, 723'-1010'.**
- Perforate @ 275'. Cannot get a rate @ 1100 psi. Perforate @ 220'. Establish rate to surface, 1 bpm @ 1000 psi. RIH open ended to 303'. Spot and circulate cement to surface through BH w/115 sks Class G, 132.3 cu ft to cover the Kirtland-Ojo Alamo & surface casing shoe. Circulate cement to surface through BH. **Plug VII, Inside/Outside, 115 sks, 132.3 cu ft, Kirtland-Ojo Alamo-Surface, 0'-303'.**
- Cut wellhead off. TOC inside casing and annulus @ surface. Top off cellar and install dry hole marker w/35 sks, 40.25 cu ft Class G neat. **Well P&A'd 06/28/2023.** Jean Bia w/NNEPA & BLM FFO witnessed job. Clean location and RD Aztec Rig 481. Move.

**Completed P & A Wellbore Schematic**

West Bisti Unit # 127  
 API: 30-045-05684  
 Sec 28, T26N & R13W  
 1980 FNL & 1980 FEL  
 San Juan County, NM  
 Lat:36.4610519 Long:-108.2221832

**Surface Casing**

9-5/8" 25.4 # Casing @ 214'  
 Cemented w/ 175 sks  
 Hole size: 13-3/4"  
 Cement Circulated to surface

**Plug VII, Inside/Outside, 115 sks, 132.3 Cu.ft, Kirtland-Ojo Alamo-Surface, 0'-303'**

**Plug VI, Inside, 12 sks, 13.8 Cu.ft, Fruitland, 723'-1010'**

**Plug V, Inside/Outside, 40 sks, 46 Cu.ft, Pictured Cliffs, 1211'-1395'**

**Plug IV, Inside/Outside, 40 sks, 46 Cu.ft, Chacra, 1466'-1650'.**

**Injection liner**

3 1/2" Liner from surface to 4982'. Cemented to surface.  
 Circulated 8 bbls cement to surface.

**Plug III, Inside/Outside, 40 sks, 46 Cu.ft, Mesaverde, 1921'-2105'**

**Original Production Casing**

5 1/2" casing from surface to 5201'  
 Cemented w/ 100 sks cement.  
 TOC @ 4400' by temperature survey

**Plug II, Inside 3 1/2" casing, 12 sks, 13.8 Cu.ft, Mancos, 3750'-4036'**

**Plug I, Inside 3 1/2" casing, 28 sks, 32.2 Cu.ft, Gallup, 4674'-5028'.**

**Injection Zone**

Gallup Perforations @ 5028'-5048', PBTD @ 5118'

## Tyra Feil

---

**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Friday, June 23, 2023 2:48 PM  
**To:** Aliph Reena; Kenneth G Rennick; Virgil S Lucero; mgomez@blm.gov; Tyra Feil; Alex Prieto-Robles  
**Subject:** RE: [EXTERNAL] Fwd: Dugan west Bisti unit 127 CBL

Thank you

---

**From:** Aliph Reena <Aliph.Reena@duganproduction.com>  
**Sent:** Friday, June 23, 2023 11:10 AM  
**To:** Kenneth G Rennick <krennick@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Virgil S Lucero <vlucero@blm.gov>; mgomez@blm.gov; Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <Arobles@aztecwell.com>  
**Subject:** [EXTERNAL] Fwd: Dugan west Bisti unit 127 CBL

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Please see the attached CBL from the West Bisti Unit 127, API: 30-045-05684

Cement behind the 3 1/2" casing seems to extend all the way to surface. We will spot all plugs as inside outside, to squeeze cement behind the old 5 1/2" casing, as per the approved sundry for this P & A.

NO changes to the original procedure is requested at this time from our side. Please let us know if BLM/State is okay with the proposal.

Thank you  
Aliph Reena  
505-360-9192

Sent from my iPad

Begin forwarded message:

**From:** Daniel Girodo <[dgirodo@thewirelinegroup.com](mailto:dgirodo@thewirelinegroup.com)>  
**Date:** June 22, 2023 at 8:27:53 PM MDT  
**To:** Aliph Reena <[Aliph.Reena@duganproduction.com](mailto:Aliph.Reena@duganproduction.com)>, [arobles@aztecwell.com](mailto:arobles@aztecwell.com), Christopher Caliendo <[ccaliendo@thewirelinegroup.com](mailto:ccaliendo@thewirelinegroup.com)>, [mgomez@blm.gov](mailto:mgomez@blm.gov)  
**Subject:** Dugan west Bisti unit 127 CBL

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## Tyra Feil

---

**From:** Rennick, Kenneth G <krennick@blm.gov>  
**Sent:** Friday, June 23, 2023 12:39 PM  
**To:** Aliph Reena; monica.kuehling@state.nm.us; EMNRD Kuehling Monica; Lucero, Virgil S; Gomez, Monty J; Tyra Feil; Alex Prieto-Robles  
**Subject:** Re: [EXTERNAL] Fwd: Dugan west Bisti unit 127 CBL

The BLM finds the proposal appropriate.

Kenny Rennick

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management  
Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402

Email: [krennick@blm.gov](mailto:krennick@blm.gov)  
Mobile & Text: 505.497.0019

---

**From:** Aliph Reena <Aliph.Reena@duganproduction.com>  
**Sent:** Friday, June 23, 2023 11:09 AM  
**To:** Rennick, Kenneth G <krennick@blm.gov>; monica.kuehling@state.nm.us <monica.kuehling@state.nm.us>; EMNRD Kuehling Monica <monica.kuehling@emnrd.nm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Gomez, Monty J <mgomez@blm.gov>; Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <Arobles@aztecwell.com>  
**Subject:** [EXTERNAL] Fwd: Dugan west Bisti unit 127 CBL

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Please see the attached CBL from the West Bisti Unit 127, API: 30-045-05684

Cement behind the 3 1/2" casing seems to extend all the way to surface. We will spot all plugs as inside outside, to squeeze cement behind the old 5 1/2" casing, as per the approved sundry for this P & A.

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Thank you



Aliph Reena  
505-360-9192

Sent from my iPad

Begin forwarded message:

**From:** Daniel Girodo <dgirodo@thewirelinegroup.com>  
**Date:** June 22, 2023 at 8:27:53 PM MDT  
**To:** Aliph Reena <Aliph.Reena@duganproduction.com>, arobles@aztecwell.com, Christopher Caliendo <ccaliendo@thewirelinegroup.com>, mgomez@blm.gov  
**Subject:** Dugan west Bisti unit 127 CBL

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**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 249397

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 249397
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD 8/17/23. Well P&A'd 6/28/23	8/17/2023