

Well Name: WEST BISTI UNIT	Well Location: T26N / R13W / SEC 18 / SESW / 36.482697 / -108.261932	County or Parish/State: SAN JUAN / NM
Well Number: 104	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM013492	Unit or CA Name: WEST BISTI UNIT	Unit or CA Number: NMNM78448X
US Well Number: 300450581100S1	Operator: DUGAN PRODUCTION CORPORATION	

Subsequent Report

Sundry ID: 2821986

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 11/12/2024	Time Sundry Submitted: 07:56
Date Operation Actually Began: 09/23/2024	

Actual Procedure: Dugan Production Corp. P&A'd the well on 9/23/2024 - 10/2/2024 as per the attached procedure.

SR Attachments

Actual Procedure

- WBU_104_BLM_OCD_apvd_plug_changes_20241112074800.pdf
- WBU_104_SR_PA_formation_tops_20241112074731.pdf
- WBU_104_SR_PA_completed_wellbore_schematic_20241112074718.pdf
- WBU_104_SR_PA_work_20241112074707.pdf

Well Name: WEST BISTI UNIT	Well Location: T26N / R13W / SEC 18 / SESW / 36.482697 / -108.261932	County or Parish/State: SAN JUAN / NM
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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: NOV 12, 2024 07:46 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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 11/12/2024

Signature: Matthew Kade

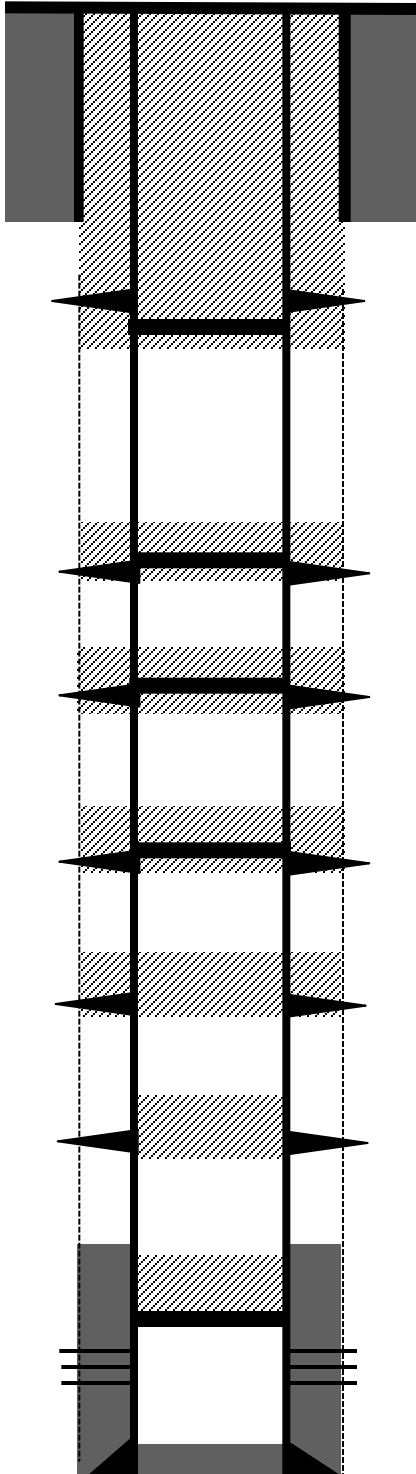
Dugan Production P&A'd the well on 09/23/2024-10/02/2024 as per the following procedure:

- MI&RU Aztec Rig services Rig 481 and cement equipment.
- Check pressures, Tubing 190 psi, Casing 190 psi, BH 0 psi.
- Pump 15 bbls down the tubing to kill well.
- ND WH & NU BOP. LD rods and production tubing.
- PU and tally 2-3/8" workstring. Run 5½" string mill to 5317'. Gallup perforations are at 5346'-5364'.
- Check pressures, Tubing 20 psi, Casing 20 psi, BH 0 psi.
- Set 5½" CIBP @ 5296'. Load and circulate hole. Attempt to pressure test casing to 500 psi for 30 minutes. Casing tested good. Test passed.
- RU wireline and run CBL from 5296' to surface. Sent copy of CBL to NMOCD/BLM. Copy of communications attached.
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Spot Plug I above BP inside 5½" casing from 5296' w/35 sks (40.3 cu ft) Class G cement (1.15 cu ft/sk, 15.8#/gal) to cover the Gallup top & Gallup perforations. Displaced w/18 bbls water. WOC 4 hrs. Tagged TOC at 5047'. Good tag. **Plug I, inside 5½" casing, 35 sks, 40.3 cu ft, Gallup top & Gallup perforations, 5047'-5296'.**
- Ru wireline & shoot squeeze holes at 4372'. Unable to get an injection rate through squeeze holes. Check with NMOCD/BLM. Obtained permission to do inside plug. Spot Plug II inside 5½" casing from 4426' w/30 sks (34.5 cu ft) Class G cement to cover the Mancos top. Displaced w/15.5 bbls water. WOC overnight. Tagged TOC at 4186'. Good tag. **Plug II, inside 5½" casing, perforations at 4372', 30 sks, 34.5 cu ft, Mancos, 4186'-4426'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- RU wireline & shoot squeeze holes at 3198'. Unable to get an injection rate through squeeze holes. Consulted with NMOCD/BLM. Obtained permission to do inside plug. Spot Plug III inside 5½" casing from 3256' w/30 sks (34.5 cu ft) Class G cement to cover the Mesaverde top. Displaced w/11 bbls. WOC overnight. Tagged TOC at 3045'. Good tag. **Plug III, inside 5½" casing, perforations at 3198', 30 sks, 34.5 cu ft, Mesaverde, 3045'-3198'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Shoot squeeze holes at 2568'. Establish injection rate through the squeeze holes. Set 5½" CR at 2521'. Spot Plug IV inside/outside 5½" casing from 2568' w/54 sks (62.1 cu ft) Class G cement to cover the Chacra top (30 sks-34.5 cu ft outside casing, 6 sks-6.9 cu ft below the CR, 16 sks-20.7 cu ft inside casing on top of the CR). Displaced w/9.1 bbls. WOC 4 hrs. Tagged TOC at 2367'. Good tag. **Plug IV, inside/outside 5½" casing, perforations at 2568', CR at 2521', 54 sks, 62.1 cu ft, Chacra, 2367'-2568'.**
- Shoot squeeze holes at 1715'. Establish injection rate through the squeeze holes. Set 5½" CR at 1671'. Spot Plug V inside/outside 5½" casing from 1715' w/54 sks (62.1 cu ft) Class G cement to cover the Pictured Cliffs top (30 sks-34.5 cu ft outside casing, 6 sks-6.9 cu ft below the CR, 16 sks-20.7 cu ft inside casing on top of the CR). Displaced w/5.8 bbls. WOC overnight. Tagged TOC at 1505'. Good tag. **Plug V, inside/outside 5½" casing, perforations at 1715', CR at 1671', 54 sks, 62.1 cu ft, Pictured Cliffs, 1505'-1715'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.

- Shoot squeeze holes at 1032'. Establish injection rate through squeeze holes. Set 5½" CR at 980'. Spot Plug VI inside/outside 5½" casing from 1032' w/54 sks (62.1 cu ft) Class G cement to cover the Fruitland top (30 sks-34.5 cu ft outside casing, 6 sks-6.9 cu ft below the CR, 16 sks-20.7 cu ft inside casing on top of the CR). Displaced w/3.2 bbls. WOC 4 hrs. Tagged TOC at 828'. Good tag. **Plug VI, inside/outside 5½" casing, perforations at 1032', CR at 980', 54 sks, 62.1 cu ft, Fruitland, 828'-1032'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Shoot squeeze holes at 468'. Establish injection rate through squeeze holes to surface through BH. Set 5½" CR at 419'. Spot Plug VII inside/outside 5½" casing from 468' to surface w/206 sks (236.9 cu ft) Class G cement to cover the Kirtland top & surface casing shoe. Circulated 1 bbl cement to surface. WOC 4 hrs. Cut wellhead off. Tagged TOC at surface inside 5½" casing and 3' inside annulus. Good tag. **Plug VII, inside/outside 5½" casing, perforations at 468', CR at 419', 206 sks, 236.9 cu ft, Kirtland-Surface, 0'-468'.**
- Fill up cellar and install dry hole marker with 20 sks, 23 cu ft Class G neat cement.
- Clean up location and RD Aztec 481. Move rig out.
- Bill Diers with BLM witnessed job.
- **Well P&A'd 10/02/2024.**

Completed P & A Schematic

West Bisti Unit #104
 API; 30-045-05811
 Sec 18 T26N R13W
 660' FSL & 2494' FWL, Bisti Lower Gallup
 San Juan, NM
 Lat: 36.482990, Long: -108.262438



10 3/4" 35.75# casing set at 215'. Cemented with 250 sks.

**Plug VII, Inside/Outside 5 1/2" casing, Perforations at 468',
 CR at 419', 206 sks, 236.9 Cu.ft, Kirtland-Surface, 0'-468'**

**Plug VI, Inside/Outside 5 1/2" casing, Perforations at 1032',
 CR at 980', 54 sks, 62.1 Cu.ft, Fruitland, 828'-1032'**

**Plug V, Inside/Outside 5 1/2" casing, Perforations at 1715',
 CR at 1671', 54 sks, 62.1 Cu.ft, Pictured Cliffs, 1505'-1715'**

**Plug IV, Inside/Outside 5 1/2" casing, Perforations at 2568',
 CR at 2521', 54 sks, 62.1 Cu.ft, Chacra, 2367'-2568'**

**Plug III, Inside 5 1/2" casing, Perforations at 3198', 30 sks, 34.5 Cu.ft,
 Mesaverde, 3045'-3198'**

**Plug II, Inside 5 1/2" casing, Perforations at 4372', 30 sks, 34.5 Cu.ft,
 Mancos, 4186'-4426'**

Cemented Stage 200 sks. TOC from temperature survey at 4620'.

**Set CIBP @ 5296'. Plug I, Inside 5 1/2" casing, 35 sks, 40.3 Cu.ft,
 Gallup top & Gallup perforations, 5047'-5296'**

Gallup Perforated @ 5346'-5364'

5 1/2" 14 # casing @ 5437'

West Bisti Unit #104
API; 30-045-05811
Sec 18 T26N R13W
660' FSL & 2494' FWL, Bisti Lower Gallup
San Juan, NM
Lat: 36.482990, Long: -108.262438

Elevation ASL : 6529'

Formation Tops (Referenced for P & A)

- **Surface Casing - 215'**
- **Kirtland - 420'**
- **Fruitland - 980'**
- **Pictured Cliffs - 1670'**
- **Lewis - 1758'**
- **Chacra - 2520'**
- **Mesaverde - 3148'**
- **Mancos - 4322'**
- **Gallup - 5150'**
- **Perforations - 5346'-5364'**

Tyra Feil

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Thursday, September 26, 2024 11:58 AM
To: Rennick, Kenneth G; Aliph Reena; Michel Crane; Lucero, Virgil S; Kade, Matthew H
Cc: Nathaniel Lambson; Diers, William B; Tyra Feil; Alex Prieto-Robles
Subject: RE: [EXTERNAL] RE: West bisti unit 104, CBL

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NMOCD agrees with BLM

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District
Cell Phone: 505-320-0243
Email - monica.kuehling@emnrd.nm.gov

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Thursday, September 26, 2024 11:00 AM
To: Aliph Reena <Aliph.Reena@duganproduction.com>; Michel Crane <mcrane@aztecwell.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Nathaniel Lambson <nlambson@aztecwell.com>; Diers, William B <WDiers@blm.gov>; Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>
Subject: Re: [EXTERNAL] RE: West bisti unit 104, CBL

The BLM finds the procedure and proposed calculations appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

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

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Aliph Reena <Aliph.Reena@duganproduction.com>
Sent: Thursday, September 26, 2024 10:44 AM
To: Michel Crane <mcrane@aztecwell.com>; monica.kuehling@state.nm.us <monica.kuehling@state.nm.us>; Lucero, Virgil S <vlucero@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Nathaniel Lambson <nlambson@aztecwell.com>; Diers, William B <WDiers@blm.gov>; Tyra Feil <Tyra.Feil@duganproduction.com>; Alex Prieto-Robles <arobles@aztecwell.com>
Subject: [EXTERNAL] RE: West bisti unit 104, CBL

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Re: Dugan Production Corp.
API: 30-045-05811
West Bisti Unit # 104

In addition to the request to do the plugs as proposed in the original approved NOI after the CBL, we also request BLM/NMOCD to consider the open hole size to be 7-7/8" holes for volume calculations. That would be the most reasonable assumption given the production & surface casing dimensions. We were not able to locate any records of the open hole size regarding this well. 7-7/8" hole size should give sufficient cement volumes for the inside/outside plugs.

Please let us know the request is acceptable to NMOCD/BLM and we will proceed accordingly.

Aliph Reena
Engineering Supervisor
Dugan Production Corp.
Cell: 505-360-9192

From: Michel Crane <mcrane@aztecwell.com>
Sent: Wednesday, September 25, 2024 5:42 PM
To: Aliph Reena <Aliph.Reena@duganproduction.com>; monica.kuehling@state.nm.us; vlucero@blm.gov; krennick@blm.gov; Kade, Matthew H <mkade@blm.gov>
Cc: Nathaniel Lambson <nlambson@aztecwell.com>; wdiers@blm.gov
Subject: West bisti unit 104, CBL

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All,

Please see the attached CBL for the West Bisti Unit 104, Looks like we have cement on bottom and want to spot inside plug for plug #1, and the rest will have to be inside/outside from the mancos up to surface as it looks on the approved NOI. If any other changes need to be made, please advise.

Thanks,

Michel Crane
Asst. Well Servicing Manager
Aztec Well Servicing Co.
P.O. Box 100
Aztec, New Mexico 87410
Cell: 505-419-4715
Office: 505-334-6191
mcrane@aztecwell.com



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District IV
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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 402470

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 402470
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	CBL in log file - well plugged 10/2/24	11/12/2024