

Well Name: WEST BISTI UNIT	Well Location: T26N / R13W / SEC 20 / NWSW / 36.471771 / -108.248489	County or Parish/State: SAN JUAN / NM
Well Number: 114	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: 300450575000S1	Operator: DUGAN PRODUCTION CORPORATION	

Subsequent Report

Sundry ID: 2822471

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 11/14/2024	Time Sundry Submitted: 07:50
Date Operation Actually Began: 10/11/2024	

Actual Procedure: Dugan Production P&A'd the well on 10/11/2024 - 10/24/2024 per the attached procedure.

SR Attachments

Actual Procedure

- WBU_114_plug_change_20241114074624.pdf
- WBU_114_SR_PA_formation_tops_20241114074049.pdf
- WBU_114_SR_PA_completed_wellbore_schematic_20241114074040.pdf
- WBU_114_SR_PA_work_20241114074030.pdf

Received by OCD: 11/14/2024 9:59:30 AM

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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 14, 2024 07:47 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
Phone: (505)360-9192	Zip: 87499-0420
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: 11/14/2024
Signature: Matthew Kade	

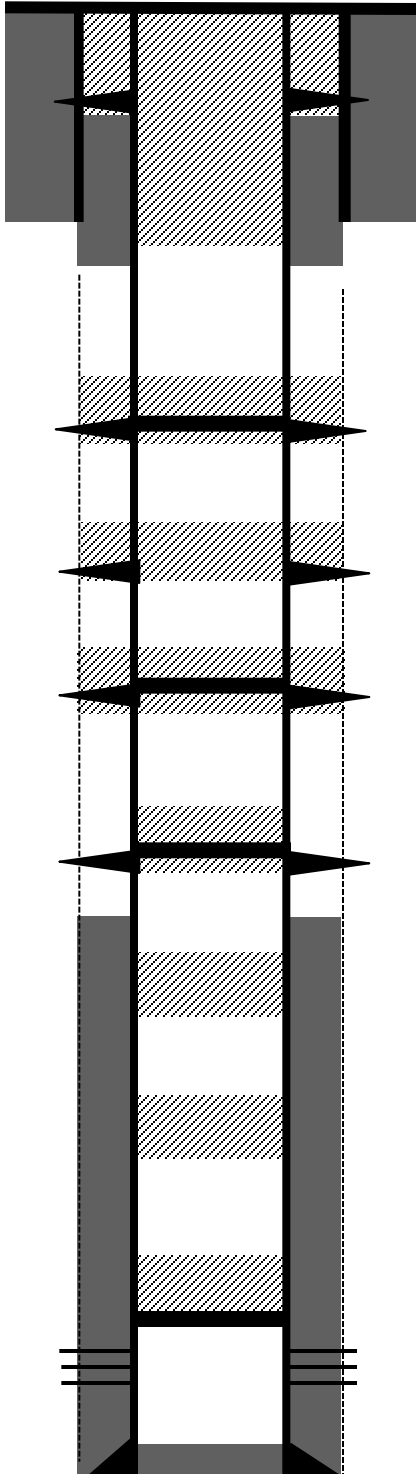
Dugan Production P&A'd the well on 10/11/2024-10/24/2024 per the following procedure:

- MI&RU Aztec Well Services Rig 481 and cement equipment.
- Check pressures, Tubing 100 psi, Casing 5 psi, BH 0 psi.
- ND WH & NU BOP. Start to LD rods and production tubing. Rods and tubing stuck in paraffin and scale downhole. Fished tubulars out of hole from 10/11/2024 to 10/17/2024.
- PU and tally 2-3/8" workstring. Run 5½" string mill to 5240'. Encountered hard tag. Requested NMOCD/BLM approval for P&A ops to begin from 5240'. Received approvals. Gallup perforations are at 5354'-5370'.
- Set 5½" CICR at 5235'. Load and circulate hole. Attempt to pressure test casing to 650 psi for 30 minutes. Cannot get a test. Small leak.
- RU wireline & run CBL from 5235' 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 5235' w/26 sks (29.9 cu ft) Class G cement (1.15 cu ft/sk, 15.8#/gal) to cover the Gallup top & Gallup perforations. Displaced w/19.4 bbls displaced. WOC 4 hrs. Tagged TOC at 5019'. Good tag. **Plug I, inside 5½" casing, 26 sks, 29.9 cu ft, Gallup top & Gallup perforations, 5019'-5235'.**
- Spot Plug II inside 5½" casing from 4375' w/24 sks (27.6 cu ft) Class G cement to cover the Mancos top. Displaced w/16.1 bbls water. WOC overnight. Tagged TOC at 4181'. Good tag. **Plug II, inside 5½" casing, 24 sks, 27.6 cu ft, Mancos, 4181'-4375'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Spot Plug III inside 5½" casing from 3146' w/24 sks (27.6 cu ft) Class G cement to cover the Mesaverde top. Displaced w/11.3 bbls water. WOC 4 hrs. Tagged TOC at 2968'. Good tag. **Plug III, inside 5½" casing, 24 sks, 27.6 cu ft, Mesaverde, 2968'-3146'.**
- RU wireline and shoot squeeze holes at 2445'. Set 5½" CR at 2398'. Attempt to get rate through squeeze holes. Cannot get a rate. Locked up to 1100 psi. Consult with NMOCD/BLM. Got approval to do inside plug. Spot Plug IV inside 5½" casing from 2398' w/24 sks (27.6 cu ft) Class G cement to cover the Chacra top. Displaced w/8.6 bbls. WOC overnight. Tagged TOC at 2264'. Good tag. **Plug IV, inside 5½" casing, perforations at 2445', CR at 2398', 24 sks, 27.6 cu ft, Chacra, 2264'-2398'.**
- RU wireline and shoot squeeze holes at 1730'. Set 5½" CR at 1681'. Establish rate through squeeze holes. Swap to cement. Spot Plug V inside/outside 5½" casing from 1730' w/54 sks (62.1 cu ft) Class G cement to cover the Pictured Cliffs top (30 sks-34.5 cu ft outside, 6 sks-6.9 cu ft below the CR, 18 sks-20.7 cu ft inside casing on top of the CR). Displaced w/5.8 bbls. WOC 4 hrs. Tagged TOC at 1529'. Good tag. **Plug V, inside/outside 5½" casing, perforations at 1730', CR at 1681', 54 sks, 62.1 cu ft, Pictured Cliffs, 1529'-1730'.**
- Shoot squeeze holes at 1058'. Attempt to establish rate through the squeeze holes. Cannot get a rate. Consulted with BLM/NMOCD to do an inside plug. Request approved. Spot Plug VI inside 5½" casing from 1109' w/30 sks (34.5 cu ft) Class G cement to cover the Fruitland top. Displaced w/3.3 bbls displacement. WOC overnight. Tagged TOC at 890'. Good tag. **Plug VI, inside 5½" casing, perforations at 1058', 30 sks, 34.5 cu ft, Fruitland, 890'-1109'.**

- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Shoot squeeze holes at 530'. Set 5½" CR at 481'. Attempt to establish injection rate. Got injection rate. Swap to cement. Spot Plug VII inside/outside 5½" casing from 530' w/54 sks (62.1 cu ft) Class G cement to cover the Kirtland top (30 sks-34.5 cu ft outside, 6 sks-6.9 cu ft below the CR, 18 sks-20.7 cu ft inside casing on top of the CR). WOC 4 hrs. Tagged TOC at 327'. Good tag. **Plug VII, inside/outside 5½" casing, perforations at 530', CR at 481', 54 sks, 62.1 cu ft, Kirtland, 327'-530'.**
- Shoot squeeze holes at 85'. RIH open ended to 325'. Establish circulation to surface through BH. Spot & squeeze Plug VIII inside/outside 5½" casing from 325' to surface. Circulate cement to surface through BH to cover the surface casing shoe w/81 sks, 93.15 cu ft Class G neat cement. Circulate 1 bbl cement to surface. WOC overnight. Cut wellhead in the morning. Tagged TOC at surface inside annulus and inside casing. Good tag. **Plug VIII, inside/outside 5½" casing, perforations at 85', EOT at 325', 81 sks, 93.15 cu ft, 0-325'.**
- Fill up cellar and install dry hole marker with 20 sks, 23 cu ft Class G neat cement.
- Clean location and RD Aztec 481. Darrin Halliburton w/BLM witnessed job.
- **Well P&A'd 10/24/2024.**

Completed P & A Schematic

West Bisti Unit #114
 API; 30-045-05750
 Sec 20 T26N R13W
 1980' FSL & 660' FWL, Bisti Lower Gallup
 San Juan, NM
 Lat:36.4719124 Long:-108.2491379



10 3/4" 35.75# casing set at 238'. Cemented with 275 sks.

Plug VIII, Inside/Outside 5 1/2" casing, Perforations at 85', EOT at 325', 81 sks, 93.15 Cu.ft, 0-325'.

Plug VII, Inside/Outside 5 1/2" casing, Perforations at 530', CR at 481', 54 sks, 62.1 Cu.ft, Kirtland, 327'-530'

Plug VI, Inside 5 1/2" casing, Perforations at 1058', 30 sks, 34.5 Cu.ft, Fruitland, 890'-1109'

Plug V, Inside/Outside 5 1/2" casing, Perforations at 1730', CR at 1681', 54 sks, 62.1 Cu.ft, Pictured Cliffs, 1529'-1730'

Plug IV, Inside 5 1/2" casing, Perforations at 2445', CR at 2398', 24 sks, 27.6 Cu.ft, Chacra, 2264'-2398'

Plug III, Inside 5 1/2" casing, 24 sks, 27.6 Cu.ft, Mesaverde, 2968'-3146'

Plug II, Inside 5 1/2" casing, 24 sks, 27.6 Cu.ft, Mancos, 4181'-4375'

Cemented with 200 sks. TOC from temperature survey at 4623'.

Set CIBP @ 5235'. Plug I, Inside 5 1/2" casing, 26 sks, 29.9 Cu.ft, Gallup top & Gallup perforations, 5019'-5235'

Gallup Perforated @ 5354'-5370'

5 1/2" 14 # casing @ 5420'

West Bisti Unit #114
API; 30-045-05750
Sec 20 T26N R13W
1980' FSL & 660' FWL, Bisti Lower Gallup
San Juan, NM
Lat:36.4719124 Long:-108.2491379

Elevation ASL : 6564'

Formation Tops (Reference for P & A)

- **Surface Casing - 238'**
- **Kirtland - 480'**
- **Fruitland - 1010'**
- **Pictured Cliffs - 1684'**
- **Lewis - 1805'**
- **Chacra - 2400'**
- **Mesaverde - 3090'**
- **Mancos - 4318'**
- **Gallup - 5200'**
- **Perforations - 5354'-5370'**

Tyra Feil

From: Kade, Matthew H <mkade@blm.gov>
Sent: Friday, October 18, 2024 8:45 AM
To: Alex Prieto-Robles; Kuehling, Monica, EMNRD; Lucero, Virgil S; Porch, Dustin T; Rennick, Kenneth G; Halliburton, Darin L
Cc: Aliph Reena; Tyra Feil
Subject: Re: [EXTERNAL] West Bisti Unit #114

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After review of the CBL, the BLM approves of the changes

Thanks,
Matthew Kade
Petroleum Engineer
BLM - Farmington Field Office
6251 College Blvd
Farmington, NM 87402
Office: (505) 564-7736

From: Alex Prieto-Robles <arobles@aztecwell.com>
Sent: Friday, October 18, 2024 7:52 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Porch, Dustin T <dporch@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Halliburton, Darin L <dhallibu@blm.gov>
Cc: Aliph Reena <Aliph.Reena@duganproduction.com>; Tyra Feil <Tyra.Feil@duganproduction.com>
Subject: [EXTERNAL] West Bisti Unit #114

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DUGAN PRODUCTION CORP.
WEST BISTI UNIT #114
API: 30-045-05750

Based on the CBL & approved NOI. We propose the following changes:

- 1: Change plug 1, 2 & 3. Gallup, Mancos & Mesaverde to inside plugs.
- 2: Kirtland: Perforate @ 530' set CICR @ 480' & do inside-outside plug.
- 3: Ojo Alamo-Surface: Perforate @ 85' attempt to get circulation to BH & run EOT @ 330'.

Chacra, Pictured Cliffs & Fruitland stays the same as inside-outside plugs.

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

Thank You!

Alex Prieto
Rig Manager – San Juan Basin
Aztec Well Servicing Co.
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Cell: 505-419-9882
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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 403252

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 403252
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	CBL in log file	12/4/2024
mkuehling	well plugged 10/24/24	12/4/2024