

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

Well Name: BIG EIGHT

Well Location: T24N / R9W / SEC 8 / SWSE / 36.323608 / -107.809219

County or Parish/State: SAN JUAN / NM

Well Number: 1E

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM25440

Unit or CA Name:

Unit or CA Number:

US Well Number: 300452522100S2

Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2905334

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 04/09/2026

Time Sundry Submitted: 10:11

Date Operation Actually Began: 01/30/2026

Actual Procedure: Attached is a corrected report for the P&A at the referenced location (SR originally submitted 2/12/26).

SR Attachments

Actual Procedure

Big_Eight_1E_marker_gps_photos_20260409100932.pdf

Big_Eight_1E_BLM_OCD_plug_comms_20260409100916.pdf

Big_Eight_1E_SR_PA_formation_tops_corrected_SR_sbmttd_4_9_26_20260409100855.pdf

Big_Eight_1E_SR_PA_completed_wellbore_schematic_corrected_SR_sbmttd_4_9_26_20260409100847.pdf

Big_Eight_1E_SR_PA_completed_work_corrected_report_4_9_26_20260409100839.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: APR 09, 2026 10:11 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: 04/09/2026

Signature: Kenneth Rennick

Dugan Production plugged and abandoned the **Big Eight 1E from 1/30/2026 to 2/10/2026** per the following procedure.

- MI & RU Aztec Well Service Rig 748. Spot in and RU Cement equipment.
- Check pressures: Tubing 0 psi, Casing 25 psi, BH 0 psi.
- Pull and LD rods, and production tubing.
- PU & Tally 2-3/8" work string. Run 4 1/2" string mill to scrape casing to 5245'.
- RIH & set 4 1/2" cement retainer to 5145'. **Gallup perforations are from 5196'-5314'.**
- Load and circulate hole clean with 90 bbls of water.
- Establish injection rate: 1.5 bbls/min at 600 psi.
- Attempt to pressure test casing to 650 psi, test failed, had an injection rate of 0.5 bbls/min @ 600 psi.
- Run CBL from 5173' to surface. Sent copy of CBL to NMOCD. Copy of communications attached.
- Attempt to sting in CICR, drag down to under perforations. Attempt to set second Cement Retainer at 5120', dragged down to 5175'.
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Attempt to set injection rate, locked up to 800 psi, no rate.
- **Plug I, Gallup top:** Spot Plug I inside 4 1/2" casing above the CICR from 5175' w/ 29 sks, 33.35 Cu. ft Class G cement with 2% CaCl₂ to cover the Gallup top. Displaced with 18 bbls of water. WOC 4 hrs. Tagged TOC at 4835'. Good tag. **Plug I, Inside 4 1/2" casing, Cement Retainer at 5175', 29 sks, 33.35 Cu. ft, Gallup top, 4835' - 5175'.**
- **Plug II, DV Tool- Mancos:** Spot Plug II inside 4 1/2" casing from 4339' w/ 18 sks (20.7 Cu. ft) Class G cement with 2% CaCl₂ to cover the DV Tool - Mancos top. Displaced with 15.8 bbls of water. WOC overnight. Tagged TOC at 4140. Good tag. **Plug II, Inside 4 1/2" casing, 18 sks, 20.7 Cu. ft, DV Tool - Mancos top, 4140' - 4339'**
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Attempt to pressure test casing to 650 psi, test failed, had an injection rate of 1bbl/min at 400 psi.
- **Plug III, Mesaverde:** Spot Plug III inside 4 1/2" casing from 3160' w/ 18 sks (20.7 Cu. ft) Class G cement with 2% CaCl₂ to cover the Mesaverde top. Displaced with 11 bbls of water. WOC 4 hrs. Tagged TOC at 2992'. Good tag. **Plug III, Inside 4 1/2" casing, 18 sks, 20.7 Cu. ft, Mesaverde top, 2992'-3160'**
- **Plug IV, Lower Chacra- Upper Chacra:** Spot Plug IV inside 4 1/2" casing from 2510' w/ 53 sks (60.95 Cu. ft) Class G cement with 2% CaCl₂ to cover the Lower Chacra - Upper Chacra tops. Displaced with 6.5 bbls of water. WOC Overnight. Tagged TOC at 1875'. Good tag. **Plug IV, Inside 4 1/2" casing, 53 sks, 60.95 Cu. ft, Lower Chacra - Upper Chacra tops, 1875'-2510'**
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- Attempt to pressure test casing to 650 psi, test failed, had an injection rate of 1bbl/min at 400 psi.
- **Plug V, Pictured Cliffs top:** Spot Plug V inside 4 1/2" casing from 1633' w/ 18 sks, 20.7 Cu. ft Class G cement with 2% CaCl₂ to cover the Pictured Cliffs top. Displaced with 5.4 bbls of water. WOC 4 hrs. Tagged TOC at 1468'. Good tag. **Plug V, Inside 4 1/2" casing, 18 sks, 20.7 Cu. ft, Pictured Cliffs top, 1468'-1633'.**
- Attempt to pressure test casing to 650 psi, test failed, had an injection rate of 1bbl/min at 400 psi.

- **Plug VI, Fruitland top:** MI WL, RIH and shoot squeeze holes at 1410'. RIH set cement retainer at 1383'. Sting in, established injection rate at 1bbl/min @ 700 psi. Squeeze Plug VI inside/outside 4 ½" casing from 1410' w/ 59 sks, 67.85 Cu. Ft Class G neat cement (40 sks, 46 cu ft. outside, 2 sks, 2.3 below CICR, 17 sks, 19.55 cu ft. above CICR.) to cover the Fruitland top. Displaced with 4.5 bbls of water. WOC overnight. Tagged TOC at 1130'. Good tag. **Plug VI, Inside 4 ½" casing, Perforations at 1410', Cement Retainer at 1383', 59 sks, 67.85 Cu. ft, Fruitland top, 1130'-1410'.**
- Attempt to pressure test casing to 650 psi, test failed, had an injection rate of 1bbl/min at 400 psi.
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- **Plug VII, Kirtland-Ojo Alamo tops:** MI WL, RIH and shoot squeeze holes at 1020'. RIH set cement retainer at 960'. Sting in, established injection rate at 1bbl/min @ 800 psi. Good circulation to surface through BH valve. Squeeze Plug VII inside/outside 4 ½" casing from 1020' w/ 170 sks, 195.5 Cu. Ft Class G cement with 2% CaCl₂ (136 sks, 156.4 cu ft. outside, 3 sks, 3.45 below CICR, 31 sks, 35.65 cu ft. above CICR.) to cover the Kirtland- Ojo Alamo tops. Displaced with 2.1 bbls of water. WOC 4 hrs. Tagged TOC at 650'. Good tag. **Plug VII, Inside 4 ½" casing, Perforations at 1020', Cement Retainer at 960', 170 sks, 195.5 Cu. ft, Kirtland-Ojo Alamo tops, 650'-1020'.**
- Attempt to pressure test casing to 650 psi, test failed, had circulation to surface through BH valve.
- **Plug VIII, Surface Casing Shoe-Surface :** MI WL, RIH and shoot squeeze holes at 221'. Spot Plug VIII inside/outside 4 ½" casing from 290' w/ 113 sks, 129.95 Cu. Ft Class G neat cement to cover the Surface Casing shoe to surface. No displacement. WOC overnight. MI welder, cut wellhead off. Tagged TOC at 0' inside, 0' annulus. **Plug VIII, Inside/outside 4 ½" casing, Perforations at 221', EOT at 290', 113 sks, 129.95 Cu. ft, Surface Casing Shoe-Surface, 0'- 290'**
- Fill cellar and install DHM with 32 sks, 36.8 cu ft, Class G neat cement.
- RD Aztec Well Service Rig 450. Clean location, move.
- Bill Diers with BLM witnessed the job.
- Photos of P & A marker and GPS coordinates attached per NMOCD COA.
- **Well P & A'ed on 2/10/2026.**

Big Eight 1E
30-045-25221
Bisti Gallup
890' FSL & 1850' FEL
O S08-T24N-R09W
San Juan County, NM

Elevation ASL : 6407' GL

Formation Tops (Referenced for the P & A)

- **Surface Casing - 171'**
- **Ojo Alamo - 753'**
- **Kirtland - 970'**
- **Fruitland - 1360'**
- **Pictured Cliffs - 1593'**
- **Lewis - 1750'**
- **Upper Chacra - 2020'**
- **Lower Chacra 2460'**
- **Mesaverde - 3110'**
- **Mancos - 4280'**
- **DV tool - 4275'**
- **Gallup - 5010'**
- **Gallup perforations from 5196'-5314'**
Dakota Perforations: 6258' - 6300' (P/A'ed on 4-04-1985)

Tyra Feil

From: Diede, Loren, EMNRD <Loren.Diede@emnrd.nm.gov>
Sent: Wednesday, February 4, 2026 6:40 AM
To: Rennick, Kenneth G; Omar Ramirez; Diers, William B; Aliph Reena; Fordyce, Andrew, EMNRD; Smith, Clarence, EMNRD; Halliburton, Darin L; Garcia, John, EMNRD; Durham, John, EMNRD; Vermersch, Thomas, EMNRD; Lucero, Virgil S
Cc: Alex Robles; Indalecio Roldan; Tyra Feil
Subject: Re: [EXTERNAL] CBL and Revised proposal - Dugan Production - Big Eight #1E

NMOCD agrees with BLM.

Loren

Thank you,
Loren Diede
Senior Petroleum Specialist
Engineering Special Projects
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-394-3582 OCD cell



From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Tuesday, February 3, 2026 4:00 PM
To: Omar Ramirez <oramirez@aztecwell.com>; Diers, William B <WDiers@blm.gov>; Aliph.Reena@duganproduction.com <Aliph.Reena@duganproduction.com>; Fordyce, Andrew, EMNRD <Andrew.Fordyce@emnrd.nm.gov>; Smith, Clarence, EMNRD <Clarence.Smith@emnrd.nm.gov>; Halliburton, Darin L <dhallibu@blm.gov>; Garcia, John, EMNRD <JohnA.Garcia@emnrd.nm.gov>; Durham, John, EMNRD <john.durham@emnrd.nm.gov>; Diede, Loren, EMNRD <Loren.Diede@emnrd.nm.gov>; Vermersch, Thomas, EMNRD <Thomas.Vermersch@emnrd.nm.gov>; Lucero, Virgil S <vlucero@blm.gov>
Cc: Alex Robles <arobles@aztecwell.com>; MILO <indalecio.rolدان@duganproduction.com>; Tyra.Feil@duganproduction.com <Tyra.Feil@duganproduction.com>
Subject: Re: [EXTERNAL] CBL and Revised proposal - Dugan Production - Big Eight #1E

The BLM finds the procedure appropriate.

Kenny Rennick

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From: Omar Ramirez <oramirez@aztecwell.com>
Sent: Tuesday, February 3, 2026 3:48:18 PM
To: Diers, William B <WDiers@blm.gov>; Aliph.Reena@duganproduction.com <Aliph.Reena@duganproduction.com>; Andrew Fordyce <andrew.fordyce@emnrd.nm.gov>; Clarence Smith <clarence.smith@emnrd.nm.gov>; Halliburton, Darin L <dhallibu@blm.gov>; Garcia, John, EMNRD <johna.garcia@emnrd.nm.gov>; john durham <john.durham@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Loren Diede <loren.diede@emnrd.nm.gov>; Thomas Vermersch <thomas.vermersch@emnrd.nm.gov>; Lucero, Virgil S <vlucero@blm.gov>
Cc: Alex Robles <aarobles@aztecwell.com>; MILO <indalecio.rolan@duganproduction.com>; Tyra.Feil@duganproduction.com <Tyra.Feil@duganproduction.com>
Subject: [EXTERNAL] CBL and Revised proposal - Dugan Production - Big Eight #1E

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Dugan Production Corp.
Big Eight #1E
API #30-045-25221

After reviewing the CBL, DV-Tool was found @4275'. There is good cement from CICR to Gallup formation top then fades away to the DV-Tool. Cement appears to fade away again @1600'.

The following changes are requested.

- DV-Tool-Mancos Plug, 4330'-4175', Inside. After finding out DV-Tool to be at 4275'.
- Fruitland Plug, 1410'-1260', Change to inside-outside plug: Perforate @1410'. Attempt to get a rate through the squeeze holes to squeeze cement behind the casing. If a rate cannot be established, we request permission to do an inside plug for Fruitland.
- Kirtland Plug, 1020'-870', Change to inside-outside plug: Perforate @1020'. Attempt to get a rate through the squeeze holes to squeeze cement behind the casing. If a rate cannot be established, we request permission to do an inside plug for Kirtland.
- Ojo Alamo Plug, 803'-653', Change to inside-outside plug: Perforate @803'. Attempt to get a rate through the squeeze holes to squeeze cement behind the casing. If a rate cannot be established, we request permission to do an inside plug for Ojo Alamo.
- Surface Plug, 221'-0'. Change to inside-outside plug: Perforate @221'. Attempt to break circulation to surface through BH. If a rate cannot be established, will perforate 50' higher and re-attempt.
- All other plugs are requested to stay the same according to original NOI.

Please let us know if the changes are acceptable to NMOCD & BLM, and we will proceed accordingly.

Omar Ramirez
Rig Manager – San Juan Basin
Aztec Well Servicing Co.
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Aztec, New Mexico 87410
Cell:505-486-1828
505-402-6753
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Oramirez@aztecwell.com

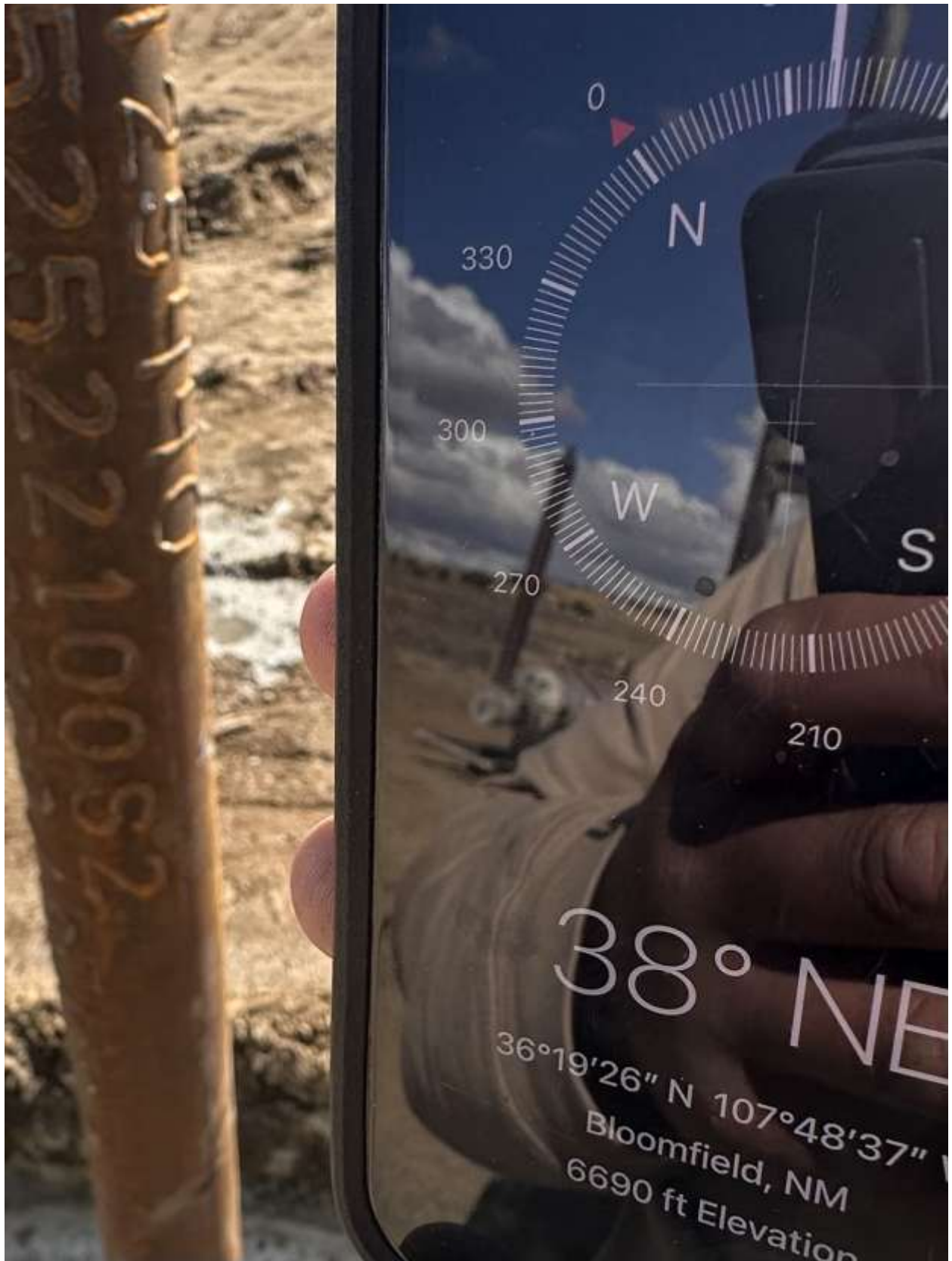


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Phone: (505) 629-6116

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 574420

CONDITIONS

| | |
|--|---|
| Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499 | OGRID: 6515 |
| | Action Number: 574420 |
| | Action Type: [C-103P] Sub. Plugging (C-103P) |

CONDITIONS

| Created By | Condition | Condition Date |
|-------------|-----------|----------------|
| loren.diede | None | 4/16/2026 |