

Well Name: MCKENZIE	Well Location: T30N / R12W / SEC 20 / NWNW / 36.803619 / -108.125824	County or Parish/State: SAN JUAN / NM
Well Number: 1E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM024158	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452360900S1	Operator: DUGAN PRODUCTION CORPORATION	

Subsequent Report

Sundry ID: 2881687

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 11/06/2025	Time Sundry Submitted: 10:11
Date Operation Actually Began: 08/20/2025	

Actual Procedure: Dugan Production P&A'd the well from 08/20/2025 - 08/28/2025 per the attached procedure.

SR Attachments

Actual Procedure

- McKenzie_1E_SR_PA_marker_gps_photos_20251106100950.pdf
- McKenzie_1E_SR_PA_tops_20251106100939.pdf
- McKenzie_1E_SR_PA_completed_wellbore_schematic_20251106100926.pdf
- McKenzie_1E_SR_PA_completed_work_20251106100917.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: NOV 06, 2025 10:09 AM

Name: DUGAN PRODUCTION CORPORATION

Title: Authorized Representative

Street Address: PO BOX 420

City: FARMINGTONState: NM

Phone: (505) 325-1821

Email address: TYRAFEIL@DUGANPRODUCTION.COM

Field

Representative Name: Aliph Reena

Street Address: PO Box 420

City: FarmingtonState: NMZip: 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: 11/07/2025

Signature: Kenneth Rennick

Dugan Production P&A the well from **08/20/2025 – 08/28/2025** per the following procedure:

- MI&RU Aztec Well Service Rig 450 and cement equipment, spot in and RU.
- Check pressures: Tubing 500 psi, Casing 150 psi, BH 20 psi.
- Pull and lay down production tubing. Check pressures: Tubing 650 psi, Casing 650 psi, BH 10 psi.
- PU & tally 2-3/8" work string. Run 4½" string mill to scrape casing to 6539'.
- RIH & set 4½" CIBP @ 6477'. Dakota perforations are from 6526'-6574'.
- Load and circulate hole with 110 bbls of water.
- Check pressures: Tubing 200 psi, Casing 800 psi, BH 10 psi.
- Attempt to pressure test casing to 650 psi, casing on a vacuum.
- CIBP failed and dropped. Notified BLM and NMOCD that the CIBP dropped to the bottom. Decided to run a second CIBP 20' above the previous CIBP.
- RIH and set CICR @ 6457'. Dakota perforations are from 6526'-6574'.
- Load and circulate hole with 110 bbls of water.
- Attempt to pressure test casing to 650 psi. Casing won't test. Had a leak of 50 psi/min.
- Run CBL from 6440' to surface. Sent copy of CBL and revised procedure to BLM/NMOCD. Copy of communications attached.
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 10 psi.
- **Plug I, Dakota Perforations-Dakota-Graneros:** Spot Plug I inside 4½" casing above the CICR from 6457' w/19 sks, 21.85 cu ft Class G neat cement to cover the Dakota perforations, Dakota and Graneros top. Displaced with 23.5 bbls of water. WOC 4 hrs. Tagged TOC at 6255'. Good tag. **Plug I, Inside 4½" casing, 19 sks, 21.85 cu ft, Dakota Perforations- Dakota top-Graneros, 6255'-6457'.**
- **Plug II, Gallup:** Spot Plug II inside 4½" casing from 5642' w/18 sks (20.7 cu ft) Class G neat cement to cover the Gallup top. Displaced with 20.5 bbls of water. WOC overnight. Tagged TOC 5470'. Good tag. **Plug II, Inside 4½" casing, 18 sks, 20.7 cu ft, Gallup, 5470'-5642'.**
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 10 psi.
- **Plug III, Mancos-DV:** Spot Plug III inside 4½" casing from 4760' w/21 sks (24.15 cu ft) Class G neat cement to cover the DV tool & Mancos top. Displaced with 16.8 bbls of water. WOC 4 hrs. Tagged TOC at 4555'. Good tag. **Plug III, Inside 4½" casing, 21 sks, 24.15 cu ft, Mancos-DV, 4555'-4760'.**
- **Plug IV, Mesaverde:** Spot Plug IV inside 4½" casing from 3583' w/18 sks, 20.7 cu ft Class G cement with 2% Calcium Chloride to cover the Mesa Verde top. Displaced with 12.5 bbls of water. WOC 4 hrs. Tagged TOC at 3397'. Good tag. **Plug IV, Inside 4½" casing, 18 sks, 20.7 cu ft, Mesa Verde, 3397'-3583'.**
- **Plug V, Chacra Upper-Chacra Lower:** Spot Plug V inside 4½" casing from 3036' w/50 sks, 57.5 cu ft Class G neat cement to cover the Upper Chacra & Lower Chacra tops. Displaced with 8.7 bbls of water. WOC overnight. Tagged TOC at 2460'. Good tag. **Plug V, Inside 4½" casing, 50 sks, 57.5 cu ft, Upper Chacra-Lower Chacra, 2460'-3036'.**
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 5 psi.
- **Pressure test casing to 650 psi for 30 minutes, good test.**
- **Plug VI, Pictured Cliffs:** Spot Plug VI inside 4½" casing from 1971' to 1801' w/13 sks, 14.9 cu ft Class G neat cement to cover the Pictured Cliffs top. Displaced with 6.5 bbls of water. **Plug VI, Inside 4½" casing, 13 sks, 14.9 cu ft, Pictured Cliff, 1801'-1971'.**
- **Plug VII, Fruitland:** RU WL. RIH and shoot squeeze holes at 1398', attempt to establish injection rate. Pressure up to 700 psi, could not establish injection rate. Spot Plug VII inside 4½" casing from 1455' w/22 sks, 25.3 cu ft cement with 2% calcium chloride to cover the Fruitland top. Displaced with 4.0 bbls of water. WOC 4 hrs. Tagged TOC at 1262'. Good tag. **Plug VII, Inside 4½" casing, Perforations at 1398', EOT 1455', 22 sks, 25.3 cu ft, Fruitland 1262'-1455'.**

- **Plug VIII, Kirtland-Ojo Alamo:** RU WL. RIH and shoot squeeze holes at 1090', RIH and set 4½" CICR @ 1035', sting in, establish injection rate at 2 bbl/min at 200psi. Swap to cement. Spot and squeeze Plug VIII inside/outside plug 4½" casing from 1090' w/122 sks, 140.3 cu ft neat cement to cover the Kirtland-Ojo Alamo top. 89 sks-102.3 cu ft outside casing, 4 sks-4.6 cu ft below the retainer, 29 sks - 33.3 cu ft above cement retainer inside casing. Displaced with 2.0 bbls of water. WOC overnight. Tagged TOC at 680'. Good tag. **Plug VIII, Inside/Outside 4½" casing, Perforations at 1090', Cement Retainer at 1035', 122 sks, 140.3 cu ft, Fruitland 680'-1090'.**
- Check pressures: Tubing 0 psi, Casing 0 psi, BH 0 psi.
- **Plug IX: Surface Casing-Surface:** RU WL. RIH and shoot squeeze holes at 570', establish injection to surface through BH. RIH open ended to 641'. Swap to cement. Spot and squeeze Plug IX inside/outside 4½" casing from 641' to surface w/210 sks, 241.5 cu ft neat cement to cover the surface casing shoe to surface. No displacement, LD all tubing. WOC 4 hrs. RU welder. Cut wellhead off. **Plug IX, Inside/Outside 4½", Perforations at 570', EOT at 641', 210 sks, 241.5 cu ft, Surface Casing-Surface, 0'-641'.**
- Fill up cellar and install dry hole marker w/20 sks, 23 cu ft, class G neat cement.
- RD Aztec Well Service Rig 450. Clean location, move.
- Crystal Martinez with BLM witness the job.
- Photos of P&A marker and GPS coordinates attached per NMOCD COA.
- **Well P&A'ed 08/28/2025.**

McKenzie#1E

30-045-23609

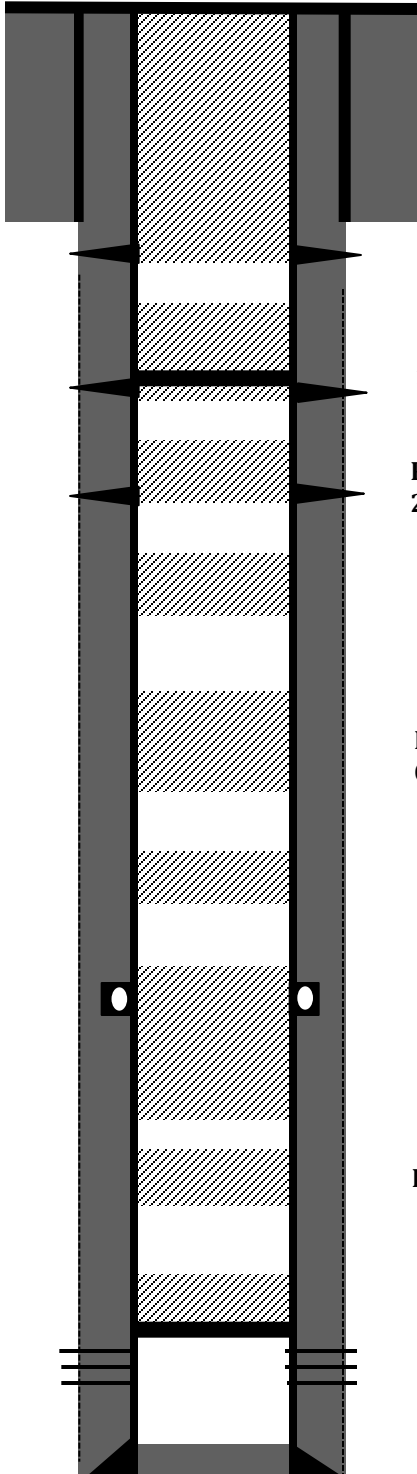
Basin Dakota(Prorated Gas)

800' FNL & 960' FWL

D-S20-T30N-R12W

San Juan County , NM

Lat: 36.8036766 Long: -108.1264954

**Spud Hole 12 ¼" Casing 9 5/8" 47# @520'**Cemented w/ 225 sks Class B neat w/ ¼#/sk celloflake +2% CaCl
Cement circulated.**Plug IX, Inside/outside 4 ½", perforations at 570' EOT at 641', 210 sks, 241.5 Cu.ft to cover the Surface Casing-Surface, 0'-641'****Plug VIII, Inside/outside 4 ½" casing, perforations at 1090', cement retainer at 1035' 122 sks, 140.3 Cu.ft, Kirtland-Ojo Alamo, 680-1090'****Plug VII, Inside 4 ½" casing, perforation at 1398', EOT at 1455' 22 sks, 25.3 Cu.ft, Fruitland, 1262'-1455'****Plug VI, Inside 4 ½" casing, 13 sks, 14.9 Cu.ft, Pictured Cliff, 1801'-1971'****Plug V, Inside 4 ½" casing, 50 sks, 57.5 Cu.ft, Upper Chacra-Lower Chacra, 2460'-3036'****Plug IV, Inside 4 ½" casing, 18 sks, 20.7 Cu.ft, Mesaverde, 3397'-3583'****Plug III, Inside 4 ½" casing, 21 sks, 24.2 Cu.ft, Mancos-DV, 4555'-4760'****4 ½" 10.5# casing @6620. Hole 7 3/4"**

1st stage: 200 sks Class B 8% gel + 125 sx class B all w/ ¼# gel flake/sk. (Total slurry 520 cu ft). Stage tool @ 4669'. 2nd stage w/ 400 sks 65-35 +12% gel, 50 sks 8% gel and 50 sks class B neat, all with ¼# gel flake/sk. (Total slurry 1200 cu ft). TOTAL 775 sks

Plug II, Inside 4 ½" casing, 18 sks, 20.7 Cu.ft, Gallup, 5470'-5642'**CICR at 6457'. Plug I, Inside 4 ½" casing, 19 sks, 21.8 Cu.ft, Dakota Perforations-Dakota top-Graneros, 6255' - 6457'.****Dakota perforations are from 6526'-6574'****4 ½" 10.5 # casing @ 6620', Hole size 7-3/4"**

McKenzie#1E
30-045-23609
Basin Dakota(Prorated Gas)
800' FNL & 960' FWL
D-S20-T30N-R12W
San Juan County , NM
Lat: 36.8036766 Long: -108.1264954

Elevation ASL : 5792' GL

Formation Tops (Referenced for the P & A'ed)

- **Surface Casing – 520'**
- **Ojo Alamo – 860'**
- **Kirtland – 1048'**
- **Fruitland – 1348'**
- **Pictured Cliffs – 1921'**
- **Lewis – 2103'**
- **Chacra Upper– 2624'**
- **Chacra Lower – 2986'**
- **Mesaverde – 3520'**
- **DV tool – 4669'**
- **Mancos – 4710'**
- **Gallup – 5592'**
- **Greenhorn – 6342'**
- **Graneros – 6400'**
- **Dakota – 6525'**
- **Dakota perforations – 6526'-6574'**







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 524315

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 524315
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	11/7/2025