

Well Name: MEXICO FEDERAL M COM	Well Location: T31N / R13W / SEC 12 / NESW / 36.91197 / -108.15721	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM080280	Unit or CA Name:	Unit or CA Number:
US Well Number: 300451089700D1	Well Status:	Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report

Sundry ID: 2760384

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 11/07/2023

Time Sundry Submitted: 03:46

Date Operation Actually Began: 09/12/2023

Actual Procedure: See attached for procedure.

SR Attachments

Actual Procedure

Mexico_Federal_M_Com_1_completed_PA_schematic_20231107154257.pdf

Mexico_Federal_M_Com_1_Post_PA_report_20231107154248.pdf

Well Name: MEXICO FEDERAL M
COM

Well Location: T31N / R13W / SEC 12 /
NESW / 36.91197 / -108.15721

County or Parish/State: SAN
JUAN / NM

Well Number: 1

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM080280

Unit or CA Name:

Unit or CA Number:

US Well Number: 300451089700D1

Well Status: Abandoned

Operator: DUGAN
PRODUCTION CORPORATION

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 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)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: 11/08/2023

Signature: Matthew Kade

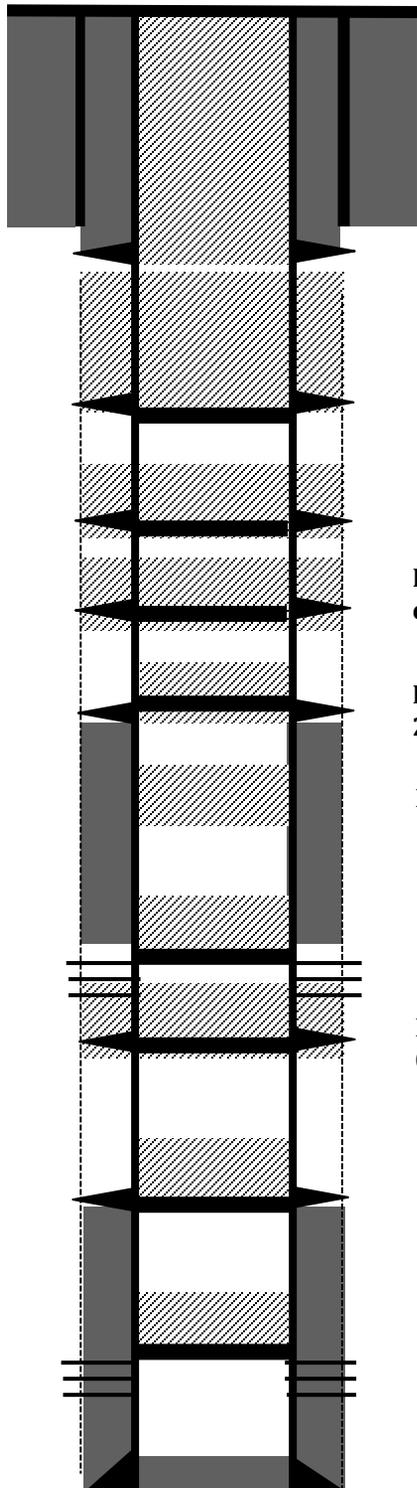
Dugan Production P&A'd the well between 09/12/2023-09/22/2023 per the following procedure:

- MI&RU Aztec Well Services Rig 481.
- PU & tally 2-3/8" workstring. Run 4½" casing scraper to 6597'. RIH & set 4½" CIBP @ 6534'. Dakota perforations @ 6580'-6800'. Mesaverde perforations @ 4435'-4531'.
- Load casing & circulate hole clean with 74 bbls water. Attempt to pressure test casing from 6534' to surface. Casing won't test. Run CBL from 6534' to surface.
- Spot Plug I inside 4½" casing above the CIBP @ 6534' to cover Dakota top from 6534' w/18 sks (20.7 cu ft) Class G cement. Displace w/19.5 bbls cement. WOC 4 hrs. Tagged TOC w/2-3/8" workstring at 6332'. Good tag. **Plug I, inside 4½" casing, 18 sks, 20.7 cu ft, Dakota, 6332'-6534'.**
- RU wireline and RIH w/perforating gun. Perforate casing @ 5470'. RIH w/4 ½" CR and set CR @ 5450'. Sting in CR & attempt to establish rate below CR through the perforations. Cannot get a rate @ 1100 psi. Sting out. Spot Plug II inside 4½" casing from 5450' w/18 sks (20.7 cu ft) Class G cement to cover the Gallup top. Displace w/14 bbls cement. WOC 4 hrs. Tagged TOC @ 5200'. Good tag. **Plug II, inside 4½" casing, 18 sks, 20.7 cu ft, Gallup, 5200'-5450'.**
- Perforate @ 4760'. RIH and set a 4½" CR @ 4738'. Sting in & attempt to establish rate below CR through perforations. Sting in to spot and squeeze outside Plug III w/42 sks, 48.3 cu ft Class G neat cement, (40 sks, 46 cu ft outside, 2 sks below CR inside 4½" casing). Displace w/18.3 bbls. Spot cement on top of the CR from 4738' w/16 sks, 18.4 cu ft Class G neat cement. Displace w/11.5 bbls (Under-displaced due to perforations above). WOC 4 hrs. Tagged @ 4090'. Possible stinger. RIH w/3-7/8" bit and clean out cement stringer. Good solid tag at 4400'. Good tag. **Plug III, Inside/Outside 4½" casing, 58 sks, 66.7 cu ft, Mancos, 4400'-4760'.**
- RIH & set CIBP @ 4390'. Point Lookout perforations @ 4435'-4531'. Spot Plug IV above the CIBP from 4390' w/18 sks, 20.7 cu ft, Class G neat cement. Displace w/16 bbls. WOC overnight. Tagged TOC @ 4166'. Good tag. **Plug IV, inside 4½", 18 sks, 20.7 cu ft, Point Lookout perforations, 4166'-4390'.**
- Spot Plug V inside 4½" casing from 3672' w/18 sks (20.7 cu ft) Class G cement to cover the Mesaverde top. Displaced w/13.3 bbls. WOC 4 hrs. Tagged TOC @ 3467'. Good tag. **Plug V, inside 4½" casing, 18 sks, 20.7 cu ft, Mesaverde, 3467'-3672'.**
- RU & RIH w/wireline. Perforate @ 2740'. TIH w/4 ½" CR to 2720'. Sting in and attempt to establish rate below the CR through perforations. Cannot get a rate @ 1250 psi. Sting out. Spot Plug VI inside 4½" casing on top of the CR from 2720' w/18 sks (20.7 cu ft) Class G cement to cover the Chacra top. WOC overnight. Tagged TOC @ 2513'. Good tag. **Plug VI, inside 4½" casing, 18 sks, 20.7 cu ft, Chacra, 2513'-2720'.**
- RIH w/WL and perforate @ 2080'. TIH w/4½" CR and set CR @ 2060'. Sting in and attempt to establish rate below the CR through perforations. Establish rate. Swap to cement. Squeeze Plug VII inside/outside 4½" casing from 2080' w/58 sks (66.7 cu ft) Class G cement to cover the Pictured Cliffs top (40 sks (46 cu ft) outside casing, 2 sks below CR & 16 sks (18.4 cu ft) above the CR). Displace w/7 bbls. WOC 4 hrs. Tagged TOC @ 1838'. Good tag. **Plug VII, Inside/Outside 4½" casing, 58 sks, 66.7 cu ft, Pictured Cliffs, 1838'-2080'.**

- Perforate @ 1830'. Set 4½" CR @ 1795'. Establish rate below retainer. Spot Plug VIII inside/outside 4½" casing from 1830 w/58 sks (66.7 cu ft) Class G cement to cover the Fruitland top (40 sks (46 cu ft) outside casing, 2 sks below CR & 16 sks (18.4 cu ft) above the CR). Displace w/6.1 bbls. WOC Overnight. Tagged TOC @ 1570. Good tag. **Plug VIII, Inside/Outside 4½" casing, 58 sks, 66.7 cu ft, Fruitland, 1570'-1830'.**
- Perforate @ 610'. Set 4½" CR @ 590'. Establish rate below retainer. Spot Plug IX inside/outside 4½" casing from 610' w/83 sks (95.45 cu ft) Class G cement to cover the Kirtland-Ojo Alamo tops. Lock up after 83 sks, sting out and spot 22 sks (25.3 cu ft) above the CR. Displace w/0.5 bbls. WOC and tag TOC @ 338'. Good tag. **Plug IX, Inside/Outside 4½" casing, 105 sks, 120.8 cu ft, Kirtland-Ojo Alamo, 338'-610'.**
- Perforate @ 328'. Attempt to establish rate through perforations. Cannot get rate. Good cement on CBL from casing shoe to surface behind casing. Spot Plug X inside 4½" casing from 328' to surface w/35 sks (40.25 cu ft) Class G cement to cover the surface casing shoe. Circulated 1 bbl cement to the surface pit. WOC overnight. Cut wellhead. TOC at surface inside 4½" casing and inside annulus. **Plug X, Inside/outside 4½" casing, 35 sks, 40.25 cu ft, Surface, 0'-328'.**
- Dig cellar. Fill up cellar and install dry hole marker w/25 sks (28.75 cu ft) Class G neat cement. Rig down 481 and move. Clean location. **Well P&A'd 09/22/2023.**

Completed P & A Schematic

Mexico Federal M Com #1
API: 30-045-10897
Unit K Sec 12 T31N R13W
1850' FSL & 1850' FWL
San Juan County, NM
Lat:36.9120369 Long:-108.1578598



8-5/8" J-55 24# casing @ 278'. Cemented with 200 sks Class B.
Circulated cement to surface.

Perforated @ 328'. Plug X, Inside/outside 4 1/2" casing, 35 sks, 40.25 Cu.ft, Surface, 0'-328'

Perforated @ 610'. CR @ 590'. Plug IX, Inside/Outside 4 1/2" casing, 105 sks, 120.8 Cu.ft, Kirtland-Ojo Alamo, 338'-610'

Perforated @ 1830'. CR @ 1795'. Plug VIII, Inside/Outside 4 1/2" casing, 58 sks, 66.7 Cu.ft, Fruitland, 1570'-1830'

Perforated @ 2080'. CR @ 2060'. Plug VII, Inside/Outside 4 1/2" casing, 58 sks, 66.7 Cu.ft, Pictured Cliffs, 1838'-2080'

Perforated @ 2740'. CR @ 2720. Plug VI, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Chacra, 2513'-2720'

Plug V, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Mesaverde, 3467'-3672'

Set CIBP @ 4390'. Plug IV, Inside 4 1/2", 18 sks, 20.7 Cu.ft, (Point Lookout perforations), 4166'-4390'

Mesaverde (Point Lookout) Perforated @ 4435'-4531'

Perforated @ 4760'. Plug III, Inside/Outside 4 1/2" casing, 58 sks, 66.7 Cu.ft, Mancos, 4400'-4760'

Cemented w/ 700 sks Cement. TOC @ 2473 reported. Will redo CBL.

Perforated @ 5470'. CR @ 5450'. Plug II, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Gallup, 5200'-5450'

Set CIBP @ 6534'. Plug I, Inside 4 1/2" casing, 18 sks, 20.7 Cu.ft, Dakota, 6332'-6534'

Dakota Perforated @ 6580'-6800'

4 1/2" 11.6 # casing @ 6855'. PBSD @ 6827

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 284081

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 284081
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 9/22/2023	11/14/2023