

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 S. First St., Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Dugan Production Corp. P. O. Box 420 Farmington, NM 87499-0420		² OGRID Number 006515
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 045 - 35865	⁵ Pool Name Basin Fruitland Coal	⁶ Pool Code 71629
⁷ Property Code 326126	⁸ Property Name PGA Unit	⁹ Well Number 103

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	10	23N	11W		1802	South	747	West	San Juan

¹¹ Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	10	23N	11W		1802	South	747	West	San Juan

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date N/A	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
-----------------------------	--	--	-----------------------------------	------------------------------------	-------------------------------------

III. Oil and Gas Transporters


¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
151618	Enterprise Field Services 614 Reilly Ave., Farmington, NM 87401	G

IV. Well Completion Data

²¹ Spud Date 10/12/21	²² Ready Date 2/2/22	²³ TD 800' GL	²⁴ PBDT 727' GL	²⁵ Perforations 464'-506'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12-1/4"	8-5/8" 24# J-55	169' GL	160		
7-7/8"	5-1/2" 10.5# J-55	779' GL	150 sx		
	2-7/8" 6.4# J-55	542'			

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date N/A	³³ Test Date 02/03/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 35	³⁶ Csg. Pressure 50
³⁷ Choke Size 1/4"	³⁸ Oil 0	³⁹ Water 30	⁴⁰ Gas 10	⁴¹ Test Method	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Signature: 

Printed name:
Aliph Reena

Title:
Engineering Supervisor

E-mail Address:
aliph.reena@duganproduction.com

Date: February 7, 2022
Phone: 505-325-1821

OIL CONSERVATION DIVISION

Approved by: **PATRICIA MARTINEZ**

Title: **PETROLEUM SPECIALIST**

Approval Date: **3/18/2022**

District I
1625 N. French Drive, Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720

District II
811 S. First Street, Artesia, NM 88210
Phone (575) 748-1263 Fax (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170

District IV
1220 S. St. Francis Drive, Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

AS BUILT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35865		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 326126	*Property Name PGA UNIT		*Well Number 103
*OSRID No. 006515	*Operator Name DUGAN PRODUCTION CORPORATION		*Elevation 6272'

10 Surface Location

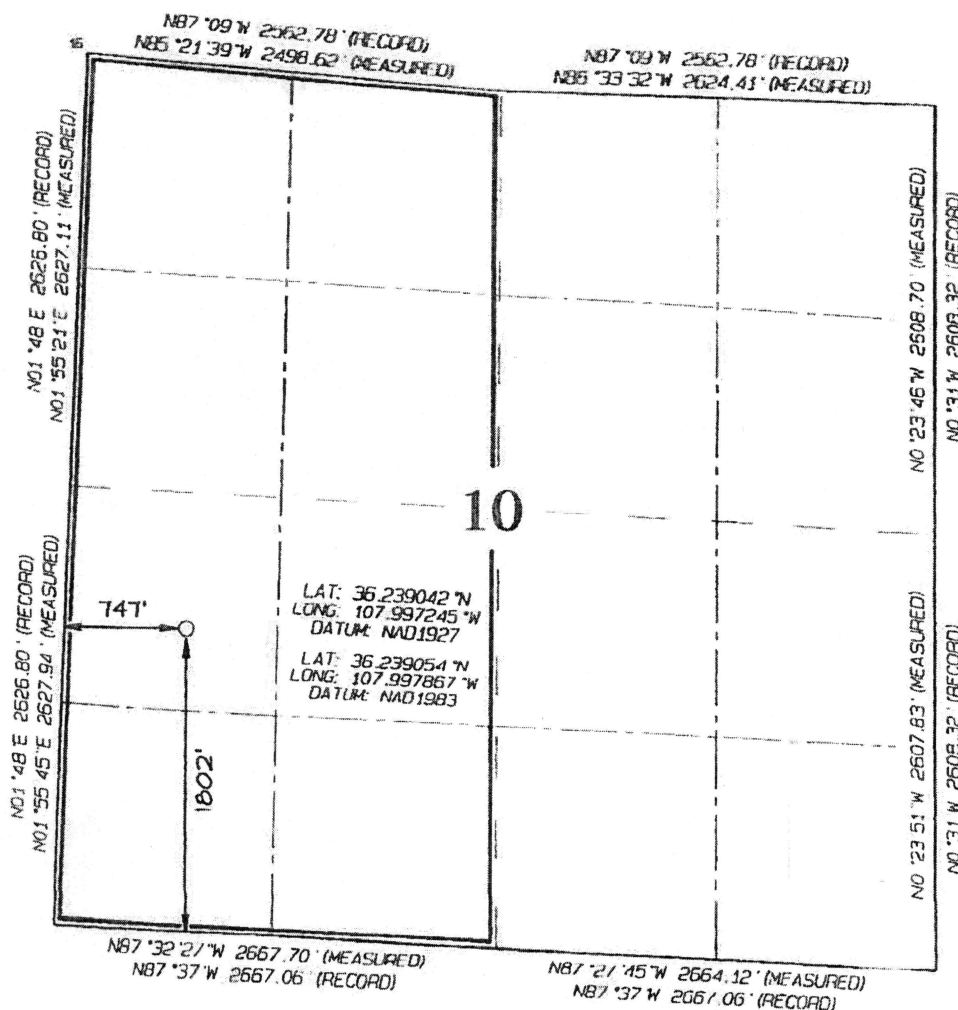
U. or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
L	10	23N	11W		1802	SOUTH	747	WEST	SAN JUAN

11 Bottom Hole Location If Different From Surface

U. or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 320.0 Acres - W/2	*Date of Well 11/11/2018	*Conclusion Code	*Order No.
---------------------------------------	-----------------------------	------------------	------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE
BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or in a voluntary pooling, agreement or a compulsory pooling order heretofore entered by the division.

Kurt Fagrelus 1/11/2018
Signature Date

Kurt Fagrelus

Printed Name

kfagrelus@duganproduction.com

E-mail Address

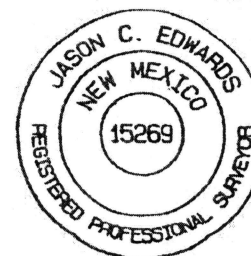
18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JANUARY 10, 2018

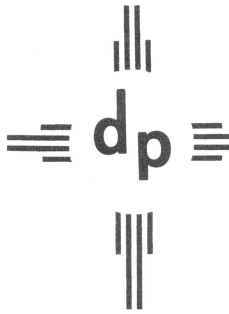
Survey Date: JANUARY 4, 2018

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number 15269



dugan production corp.

February 3, 2022

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Re: Dugan Production Corp.
PGA Unit #103
API #30 045 35865
Unit L, Sec. 10, T23N, R11W
San Juan County, NM

Ladies/Gentlemen:

Attached are the deviations reported by the drilling contractor for the subject well.

Sincerely,

Aliph Reena
Engineering Supervisor

AR/tmf

State of New Mexico)

ss

County of San Juan)

Subscribed and sworn to before me this 3rd day of February 2022.

Notary Public

My Commission Expires: _____

11/2/24

**STATE OF NEW MEXICO
NOTARY PUBLIC
TYRA M. FEIL
COMMISSION # 1058568
MY COMMISSION EXPIRES 11/02/2024**



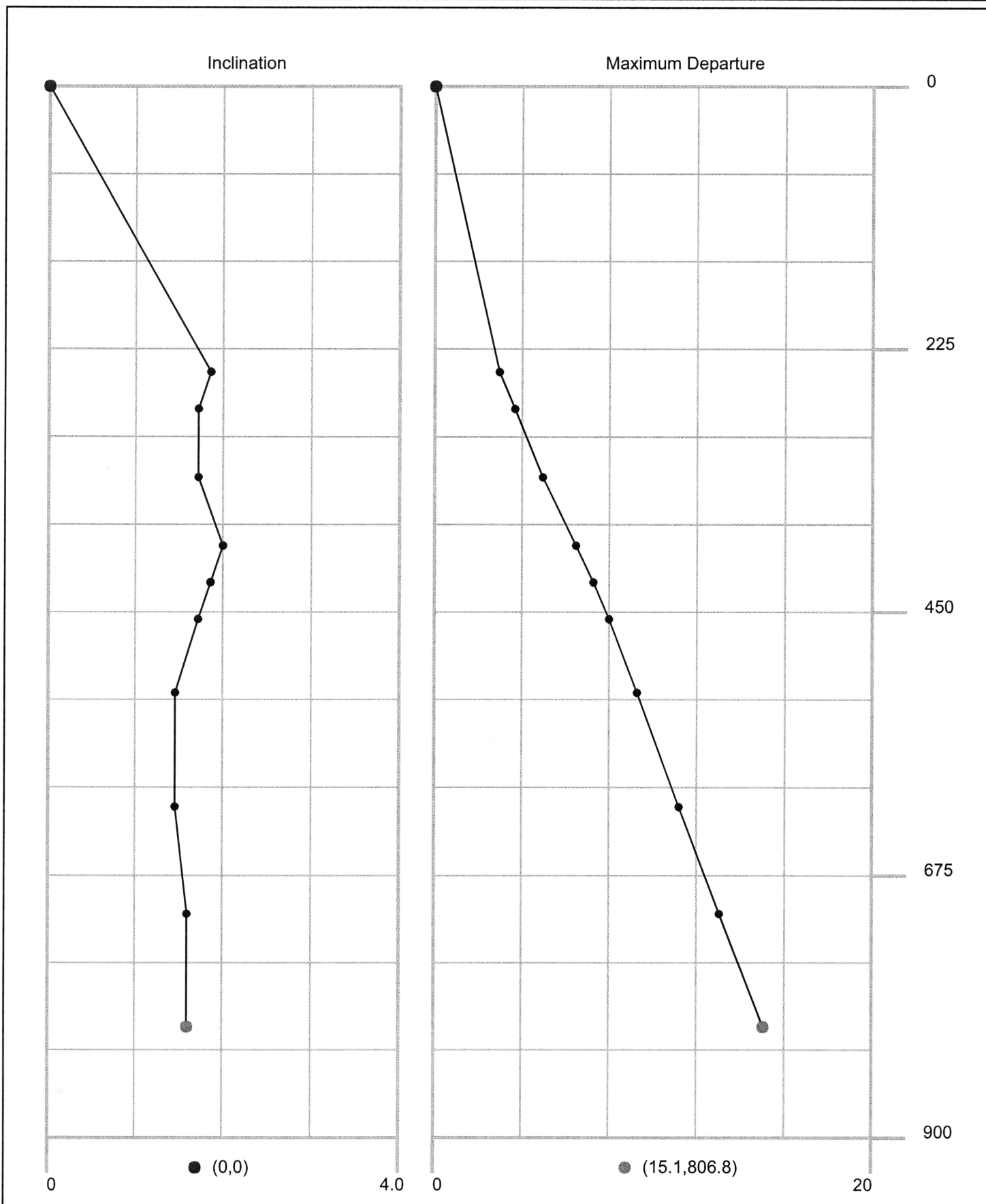
Surefire

Job:	PGA UNIT No. 103 (Job #17286)
Job Notes:	Aztec 507 PGA UNIT No. 103 Corrected to the Kb of the rig
Created On:	13 Oct 2021 at 07:26:33
File Contents:	152 Total Surveys in File. 11 are tagged as Accepted

The Vertical Depth and Departure values below were calculated using the Minimum Curvature Model. This information is intended for reference purposes ONLY. It is NOT intended to replace professional oversight or so judgement. For more detail on the data and algorithms used to compute this information, contact INVICTUS TOOLS.

REPORT OF ALL ACCEPTED SURVEYS SORTED BY SURVEY DEPTH

SURVEY DEPTH	SURVEY ANGLE	VERTICAL DEPTH	MAXIMUM DEPARTURE	TGF	SURVEY NUMBER	SURVEY TYPE	SURVEY DATE & TIME
0.0	0.0	0.0	0.0	0.000	0	Tie-In	13 Oct 2021 07:38
246.0	1.4	246.0	3.0	0.996	1	Survey	13 Oct 2021 07:45
277.0	1.3	277.0	3.7	0.996	3	Survey	13 Oct 2021 08:38
337.0	1.3	337.0	5.1	0.996	6	Survey	13 Oct 2021 09:41
395.0	1.5	394.9	6.5	0.996	9	Survey	13 Oct 2021 10:28
427.0	1.4	426.9	7.3	0.996	11	Survey	13 Oct 2021 11:01
459.0	1.3	458.9	8.1	0.996	13	Survey	13 Oct 2021 11:28
522.0	1.1	521.9	9.4	0.998	16	Survey	13 Oct 2021 12:06
617.0	1.1	616.9	11.2	0.998	20	Survey	13 Oct 2021 12:58
711.0	1.2	710.9	13.1	0.998	24	Survey	13 Oct 2021 14:03
807.0	1.2	806.8	15.1	0.998	28	Survey	13 Oct 2021 16:15





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

Sundry Print Report

02/07/2022

Well Name: PGA UNIT	Well Location: T23N / R11W / SEC 10 / NWSW / 36.239054 / -107.997867	County or Parish/State: SAN JUAN / NM
Well Number: 103	Type of Well: COALBED NATURAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM109404	Unit or CA Name:	Unit or CA Number: NMNM128992X
US Well Number: 300453586500X1	Well Status: Drilling Well	Operator: DUGAN PRODUCTION CORPORATION

Subsequent Report**Sundry ID:** 2655912**Type of Submission:** Subsequent Report**Type of Action:** Drilling Operations**Date Sundry Submitted:** 02/07/2022**Time Sundry Submitted:** 12:04**Date Operation Actually Began:** 11/03/2021

Actual Procedure: Pressure test 5-1/2", 15.5#, J-55 production casing to 3000 psi for 30 minutes on 11/3/2021. Held good. Ran GR-CCL-Gas Neutron Porosity log from 694' to surface on 1/19/2022. Perforate Fruitland Coal from 464'-478' (14'), and 496'-506' (10') w/18' non-pay zone interval in between the two coal sections. Total 24' zone perforated, 4 spf, 96 holes, 0.42" diameter, 62.4" depth penetration, 60-degree phasing on 2/2/2022. Ran 2-7/8", 6.4#, J-55 tubing to 542' EOT and installed sucker rod pump on 2/3/2022. Well ready to produce once approvals are received.

Well Name: PGA UNIT	Well Location: T23N / R11W / SEC 10 / NWSW / 36.239054 / -107.997867	County or Parish/State: SAN JUAN / NM
Well Number: 103	Type of Well: COALBED NATURAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM109404	Unit or CA Name:	Unit or CA Number: NMNM128992X
US Well Number: 300453586500X1	Well Status: Drilling Well	Operator: DUGAN PRODUCTION CORPORATION

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: TYRA FEIL**Signed on:** FEB 07, 2022 12:04 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****Representative Name:** ALIPH REENA**Street Address:** PO BOX 420**City:** FARMINGTON**State:** NM**Zip:** 87499-0420**Phone:** (505)325-1821**Email address:** aliph.reena@duganproduction.com



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

Well Completion Print Report

02/08/2022

Operator Name DUGAN PRODUCTION CORPORATION SHL NWSW Sec 10 23N 11W	Well Name PGA UNIT	Well Number 103	US Well Number 3004535865
	County SAN JUAN	State NM	Lease Number(s) NMNM109404
Well Type COALBED NATURAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM128992X
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400026129

Section 1 - General

Well Completion Report Id: 83019 **Submission Date:** N/A until DB Work

BLM Office: Farmington Field Office **User:** TYRA FEIL **Title:** Authorized Representative

Federal/Indian: FEDERAL **Lease Number:** NMNM109404 **Lease Acres:**

Agreement in place?: YES **Federal or Indian Agreement:** FEDERAL

Agreement Number: NMNM128992X **Agreement Name:**

Keep this Well Completion Report confidential?: NO

APD Operator: DUGAN PRODUCTION CORPORATION

Section 2 - Well Information

Field/Pool or Exploratory: Field/Pool **Pool Name:** FRUITLAND COAL **Field Name:** BASIN FRUITLAND COAL

Well Type: COALBED NATURAL GAS

Spud Date: 10-12-2021

Date Total Measured Depth Reached: 10-13-2021

Drill & Abandon or Ready To Produce: READY TO PRODUCE

Well Class: VERTICAL

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
KIRTLAND	COAL, SANDSTONE, SHALE		6272	0	0	NONE	
FRUITLAND	COAL, SANDSTONE, SHALE		6052	220	220	COAL, NATURAL GAS	

Operator Name DUGAN PRODUCTION CORPORATION SHL NWSW Sec 10 23N 11W	Well Name PGA UNIT	Well Number 103	US Well Number 3004535865
	County SAN JUAN	State NM	Lease Number(s) NMNM109404
Well Type COALBED NATURAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM128992X
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400026129

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
PICTURED CLIFFS	SANDSTONE, SHALE		5689	583	583	NATURAL GAS	

Completion and Completed Intervals

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	X1	1	NMNM128992X	NMNM109404	NEW		DRG	02-02-2022		FRUITLAND COAL	464	478	Y	.42	56	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbbs)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	N				

Operator Name DUGAN PRODUCTION CORPORATION SHL NWSW Sec 10 23N 11W	Well Name PGA UNIT	Well Number 103	US Well Number 3004535865
	County SAN JUAN	State NM	Lease Number(s) NMNM109404
Well Type COALBED NATURAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM128992X
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400026129

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	X1	1			GAS PUMPING UNIT		OTHER	Shut in - to be sold

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	X1	1	02/03/2022	24	0	10	30	0	1/4	35	50

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.239054	-107.997867	6272	FEDERAL	NMNM109404			1802	FSL	747	FWL	23N	11W	10	NWSW

Operator Name DUGAN PRODUCTION CORPORATION SHL NWSW Sec 10 23N 11W	Well Name PGA UNIT	Well Number 103	US Well Number 3004535865
	County SAN JUAN	State NM	Lease Number(s) NMNM109404
Well Type COALBED NATURAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM128992X
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400026129

Aliquot/Lot/Tract	Section	Range	Township	EW-Indicator	EW-Foot	NS-Indicator	NS-Foot	Plug Type	Plug MD (ft)	Plug TVD (ft)	Lease Number	Lease Type	Elevation (MSL)	Longitude	Latitude	County	Meridian	State	
																	L		
NWSW	10	11W	23N	FWL	747	FSL	1802		727	727	NMNM109404	FEDERAL	5472	-107.997867	36.239054	SAN JUAN	NEW MEXICO PRINCIPAL	NEW MEXICO	BHL Well bore 00

Casing, Liner and Tubing

Casing and Liner

Amount Pulled (ft)	Other Joint	Joint	Describe Other Casing Grade	Casing Grade	Wt(lbs/ft)	Casing Size	Bottom Setting Depth (MD)	Top Setting Depth (MD)	Hole Size	Casing String Type	Wellbore Code
		LT&C		J-55	24	8.625	169	0	12.25	SURFACE	00
		LT&C		J-55	15.5	5.5	779	0	7.875	PRODUCTION	00

Operator Name DUGAN PRODUCTION CORPORATION SHL NWSW Sec 10 23N 11W	Well Name PGA UNIT	Well Number 103	US Well Number 3004535865
	County SAN JUAN	State NM	Lease Number(s) NMNM109404
Well Type COALBED NATURAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM128992X
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400026129

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield (cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume (bbls)
00	SURFACE		Class G	160	1.18	0					33.6
00	PRODUCTION		Type III	75	1.38	0	Type III	75	1.38		36.9

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		542		6	J-55		LT&C	

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
00	YES	NO	NO	NO	NO	YES

Operator Name DUGAN PRODUCTION CORPORATION SHL NWSW Sec 10 23N 11W	Well Name PGA UNIT	Well Number 103	US Well Number 3004535865
	County SAN JUAN	State NM	Lease Number(s) NMNM109404
Well Type COALBED NATURAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM128992X
Allottee/Tribe Name	Well Pad Name null	Well Pad Number null	ID 10400026129

Operator Certification

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: DUGAN PRODUCTION CORPORATION**Signed By:** TYRA FEIL**Title:** Authorized Representative**Signed on:** 02/08/2022**Street Address:** PO Box 420**City:** Farmington**State:** NM**Zip:** 87401**Phone:** (505)325-1821**Email address:** tyrafeil@duganproduction.com**Field Representative****Representative Name:** ALIPH REENA**Street Address:** PO BOX 420**City:** FARMINGTON**State:** NM**Zip:** 87499-0420**Phone:** (505)325-1821**Extension:** 2120**Email address:** aliph.reena@duganproduction.com**Attachments**

PGA_Unit_103_20220207151954.pdf

PGA_Unit_103_Bottomhole_Schematic_20220208154652.pdf

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
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

ACKNOWLEDGMENTS

Action 79978

ACKNOWLEDGMENTS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 79978
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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 79978

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 79978
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	3/18/2022