

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

Form C-104

Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Dugan Production Corp. P. O. Box 420 Farmington, NM 87499-0420		<sup>2</sup> OGRID Number 006515
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30 - 045 - 35854	<sup>5</sup> Pool Name Basin Fruitland Coal	<sup>6</sup> Pool Code 71629
<sup>7</sup> Property Code 326126	<sup>8</sup> Property Name PGA Unit	<sup>9</sup> Well Number 23

**II. <sup>10</sup> 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	2	23N	11W		2226	South	1186	West	San Juan

**<sup>11</sup> 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	2	23N	11W		2226	South	1186	West	San Juan

<sup>12</sup> Lse Code S	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date N/A	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID 151618	<sup>19</sup> Transporter Name and Address Enterprise Field Services 614 Reilly Ave., Farmington, NM 87401	<sup>20</sup> O/G/W G
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**IV. Well Completion Data**

<sup>21</sup> Spud Date 10/4/21	<sup>22</sup> Ready Date 12/27/21	<sup>23</sup> TD 1055'	<sup>24</sup> PBTD 991'	<sup>25</sup> Perforations 752'-784"	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size 12-1/4"	<sup>28</sup> Casing & Tubing Size 8-5/8" 24# J-55	<sup>29</sup> Depth Set 169' GL	<sup>30</sup> Sacks Cement 135 sx		
<sup>27</sup> Hole Size 7-7/8"	<sup>28</sup> Casing & Tubing Size 5-1/2" 15.5# J-55	<sup>29</sup> Depth Set 1033' GL	<sup>30</sup> Sacks Cement 230 sx		
	<sup>28</sup> Casing & Tubing Size 2-3/8" 4.7# J-55	<sup>29</sup> Depth Set 840'	<sup>30</sup> Sacks Cement		

**V. Well Test Data**

<sup>31</sup> Date New Oil N/A	<sup>32</sup> Gas Delivery Date N/A	<sup>33</sup> Test Date 12/24/21	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 55	<sup>36</sup> Csg. Pressure 40
<sup>37</sup> Choke Size 1/4"	<sup>38</sup> Oil 0	<sup>39</sup> Water 10	<sup>40</sup> Gas 15	<sup>41</sup> Test Method	

<sup>42</sup> 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 28, 2022

Phone:

505-325-1821

OIL CONSERVATION DIVISION

Approved by:

PATRICIA MARTINEZ

Title:

PETROLEUM SPECIALIST

Approval Date:

3/4/2022

District I  
1625 N. French Drive Hobbs, NM 88240  
Phone (575) 393-6151 Fax (575) 393-0720

District II  
811 S. First Street Artesia, NM 88210  
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District III  
1000 Rio Brazos Road Artec, NM 87410  
Phone (505) 334-6176 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 <b>30-045-35854</b>	*Pool Code <b>71629</b>	*Pool Name <b>BASIN FRUITLAND COAL</b>
*Property Code <b>326126</b>	*Property Name <b>PGA UNIT</b>	*Well Number <b>23</b>
*OGRD No <b>006515</b>	*Operator Name <b>DUGAN PRODUCTION CORPORATION</b>	*Elevation <b>6443'</b>

<sup>10</sup> Surface Location

U. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	2	23N	11W		2226	SOUTH	1186	WEST	SAN JUAN

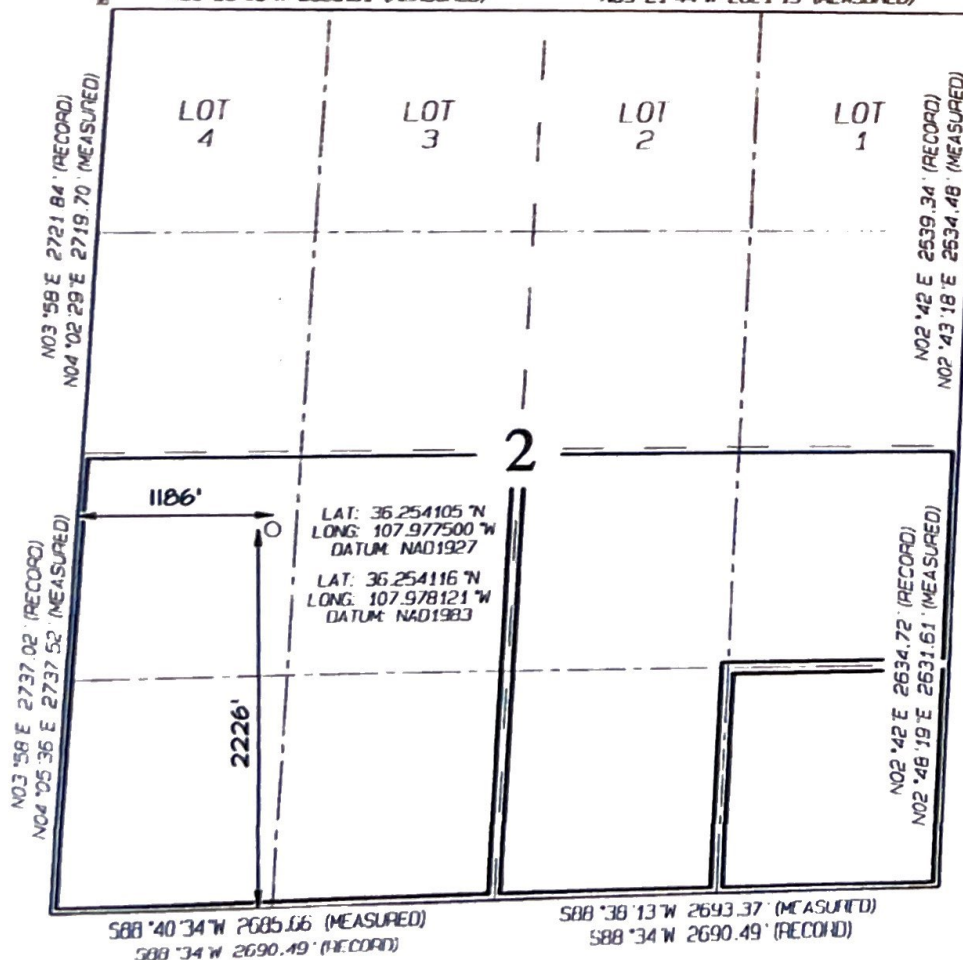
<sup>11</sup> Bottom Hole Location If Different From Surface

U. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
*Dedicated Acres <b>320.0 Acres - S/2</b>					*Joint or Infill	*Consolidation 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

N89°28'W 2622.84' (RECORD)  
N89°23'03"W 2623.51' (MEASURED)

N89°28'W 2622.84' (RECORD)  
N89°21'44"W 2621.15' (MEASURED)



<sup>17</sup> 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 to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Kurt Fagrelus* 12/6/17  
Signature Date  
*Kurt Fagrelus*  
Printed Name  
*kfagrelus@duganproduction.com*  
E-mail Address

<sup>18</sup> 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.

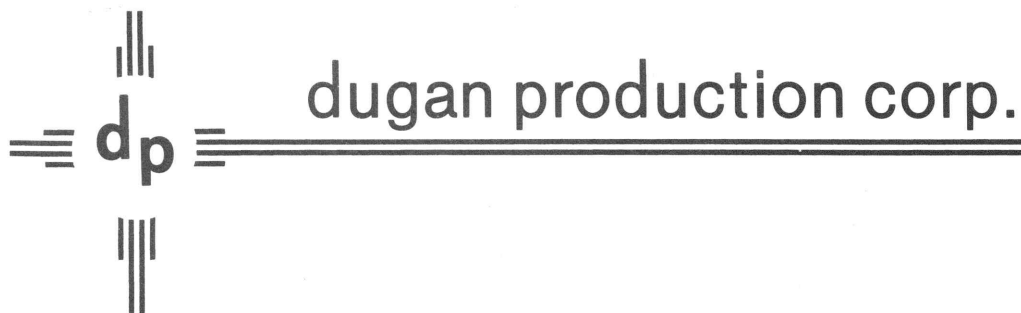
Date Revised: NOVEMBER 15, 2017  
Survey Date: NOVEMBER 9, 2017

Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**  
Certificate Number 15269





February 28, 2022

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

**Re: Dugan Production Corp.**  
PGA Unit #23  
API #30 045 35854  
Unit L, Sec. 2, T23N, R11W  
San Juan County, NM

Ladies/Gentlemen:

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Tyra M. Feil'.

Tyra M. Feil  
Engineering Assistant

/tmf

State of New Mexico)

ss

County of San Juan )

Subscribed and sworn to before me this 28<sup>th</sup> day of February 2022.

**STATE OF NEW MEXICO**  
**NOTARY PUBLIC**  
**DAVIDA M. TSALATE**  
**COMMISSION # 1119854**  
**MY COMMISSION EXPIRES 10/28/2025**

A handwritten signature in black ink, appearing to read 'David M. Tsalate'.  
\_\_\_\_\_  
Notary Public

My Commission Expires: 10/28/2025



# Surefire

Job:	PGA UNIT No. 023 FINAL (Job #17285)
Job Notes:	Aztec 507 PGA UNIT No. 023 Corrected to the KB of the rig
Created On:	01 Oct 2021 at 17:51:01
File Contents:	109 Total Surveys in File. 13 are tagged as Accepted

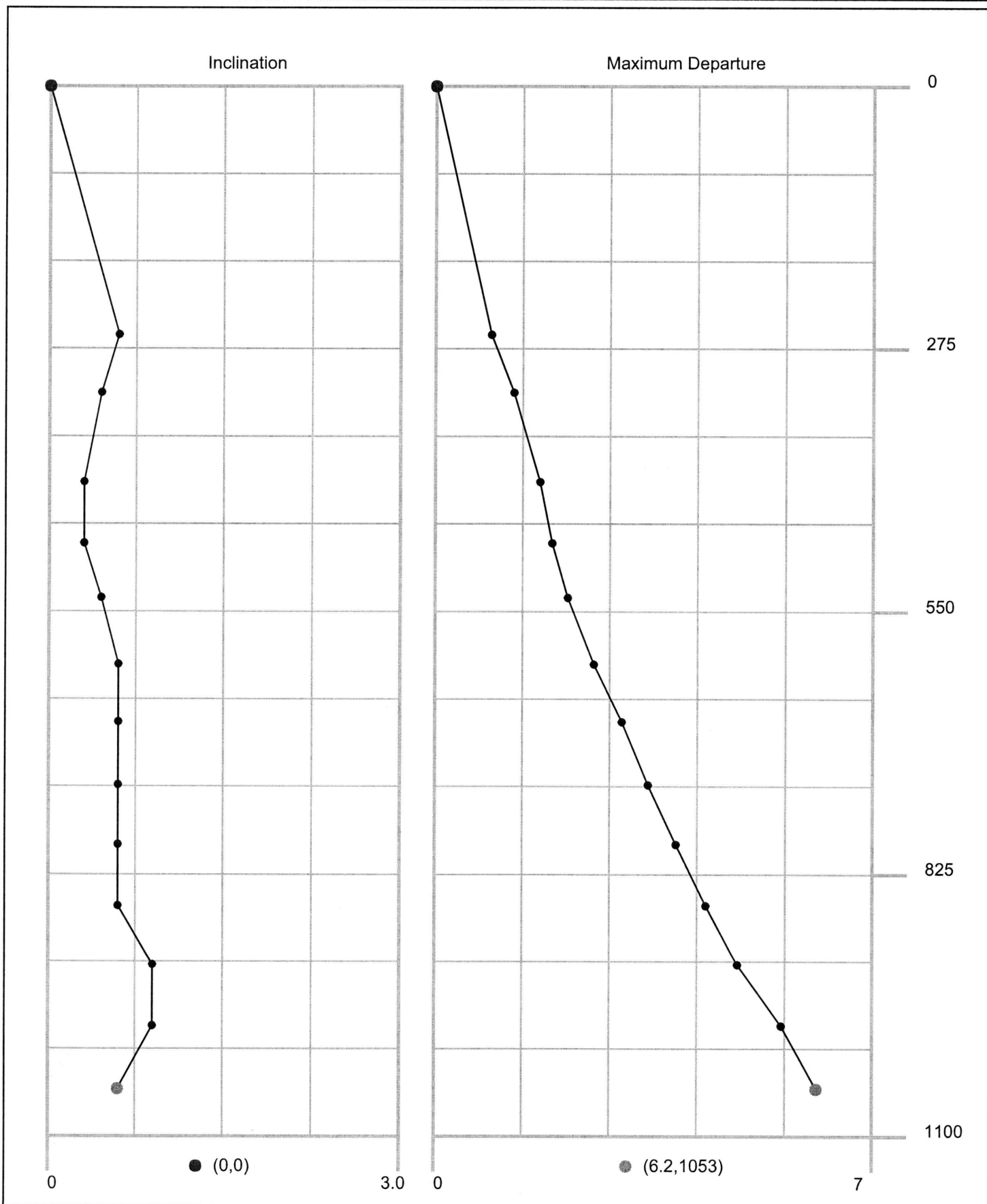
The Vertical Depth and Departure values below were calculated using the Minimum Curvature Model. This information is intended for reference purposes ONLY. It is NOT intended to replace professional oversight or so judgement. For more detail on the data and algorithms used to compute this information, 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	01 Oct 2021 17:52
264.0	0.4	264.0	0.9	-1.000	49	Survey	05 Oct 2021 18:22
324.0	0.3	324.0	1.3	0.998	52	Survey	05 Oct 2021 19:00
417.0	0.2	417.0	1.7	0.998	56	Survey	05 Oct 2021 20:23
480.0	0.2	480.0	1.9	0.998	58	Survey	05 Oct 2021 20:56
538.0	0.3	538.0	2.2	0.998	60	Survey	05 Oct 2021 21:47
606.0	0.4	606.0	2.6	0.998	62	Survey	05 Oct 2021 22:37
668.0	0.4	668.0	3.0	-1.000	64	Survey	05 Oct 2021 23:49
732.0	0.4	732.0	3.5	0.998	66	Survey	06 Oct 2021 02:31
795.0	0.4	795.0	3.9	0.998	69	Survey	06 Oct 2021 03:49
859.0	0.4	859.0	4.3	0.998	71	Survey	06 Oct 2021 04:50
922.0	0.6	922.0	4.9	0.998	73	Survey	06 Oct 2021 06:04
986.0	0.6	986.0	5.6	1.000	76	Survey	06 Oct 2021 07:39
1053.0	0.4	1053.0	6.2	0.998	79	Survey	06 Oct 2021 09:01



**Surefire**





Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III – (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-35854
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Dugan Production Corp.		6. State Oil & Gas Lease No. VA-2965
3. Address of Operator PO Box 420, Farmington, NM 87499-0420		7. Lease Name or Unit Agreement Name PGA Unit
4. Well Location Unit Letter <u>L</u> : <u>2226</u> feet from the <u>South</u> line and <u>1186</u> feet from the <u>West</u> line Section <u>2</u> Township <u>23N</u> Range <u>11W</u> NMPM County		8. Well Number #23
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6443' GL		9. OGRID Number 006515
		10. Pool name or Wildcat Basin Fruitland Coal

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐  
 OTHER: Completion ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Pressure test 5-1/2", 15.5#, J-55 production casing to 3000 psi for 30 minutes on 11/17/2021. Held good. Ran GR-CCL-Neutron Porosity log from 919' to surface on 12/06/2021. Perforated Fruitland Coal from 752'-765' (13') & 772'-784' (12') w/4 spf, 25', 0.42" diameter, total 100 shots on 12/16/2021. Ran 2-3/8", 4.7#, J-55 tubing to 840' EOT and installed sucker rod pump on 12/28/2021. Well ready to produce once approvals are received.

Spud Date:

10/04/2021

Rig Release Date:

10/07/2021

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Aliph Reena TITLE Engineering Supervisor DATE 2/28/22

Type or print name Aliph Reena E-mail address: aliph.reena@duganproduction.com PHONE: 505-325-1821

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any): \_\_\_\_\_

Submit To Appropriate District Office  
Two Copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy, Minerals and Natural Resources

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

Form C-105  
Revised April 3, 2017

1. WELL API NO.  
30-045-35854

2. Type of Lease

☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.  
VA-2965

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)

☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator  
Dugan Production Corp.

9. OGRID  
006515

10. Address of Operator  
P. O. Box 420, Farmington, NM 87499-0420

11. Pool name or Wildcat  
Basin Fruitland Coal (71629)

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L	2	23N	11W		2226	South	1186	West	San Juan
BH:	L	2	23N	11W		2226	South	1186	West	San Juan

13. Date Spudded 10/04/21	14. Date T.D. Reached 10/06/21	15. Date Rig Released 10/07/21	16. Date Completed (Ready to Produce) 12/27/2021	17. Elevations (DF and RKB, RT, GR, etc.) 6443' GR
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18. Total Measured Depth of Well 1055' GL	19. Plug Back Measured Depth 991' GL	20. Was Directional Survey Made? No	21. Type Electric and Other Logs Run GR-CCL-Gas Spectrum Neutron Porosity
--	---	--	--

22. Producing Interval(s), of this completion - Top, Bottom, Name  
752'-784' (Fruitland Coal)

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#, J-55	169' GL	12-1/4"	135 sx	
5-1/2"	15.5#, J-55	1033' GL	7-7/8"	230 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	840'	N/A

26. Perforation record (interval, size, and number)  
752'-765' (13') & 772'-784' (12') w/4 spf, 25 holes, 0.42" diameter. Total 100 shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. I

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
752'-784'	

28. PRODUCTION

Date First Production N/A	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Shut in
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Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12/24/21	24 hrs	1/4"		0	15	10	

Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
5	40	25	0			

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Shut in - to be sold

30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. Rig Release Date:


34. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief--

Signature  Printed   
Name Aliph Reena, P.E. Title Engineering Supervisor Date December 29, 2021  
E-mail Address aliph.reena@duganproduction.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or

opened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt	T. Strawn	T. Kirtland <u>surface</u>	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland <u>311'</u>	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs <u>826'</u>	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology



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**District IV**

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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 85246

**ACKNOWLEDGMENTS**

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 85246
	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.

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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 85246

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 85246
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	3/4/2022