

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

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

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 - 35861	⁵ Pool Name Basin Fruitland Coal		⁶ Pool Code 71629
⁷ Property Code 326126	⁸ Property Name PGA Unit		⁹ Well Number 161

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
B	16	23N	11W		708	North	1790	East	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
B	16	23N	11W		708	North	1790	East	San Juan
¹² Lse Code S	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 10/16/21	²² Ready Date 02/02/22	²³ TD 715'	²⁴ PBDT 642'	²⁵ Perforations 400'-428'	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	170' GL	160 sx		
7-7/8"	5-1/2" 10.5# J-55	695' GL	200 sx		
	2-7/8" 6.4# J-55	472'			

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 25	³⁶ Csg. Pressure 30
³⁷ Choke Size 1/4"	³⁸ Oil 0	³⁹ Water 10	⁴⁰ Gas 12	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) 748-1283 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 30-045-35861	*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 326126	*Property Name PGA UNIT	*Well Number 161
*GRID No. 006515	*Operator Name DUGAN PRODUCTION CORPORATION	*Elevation 6225'

10 Surface Location

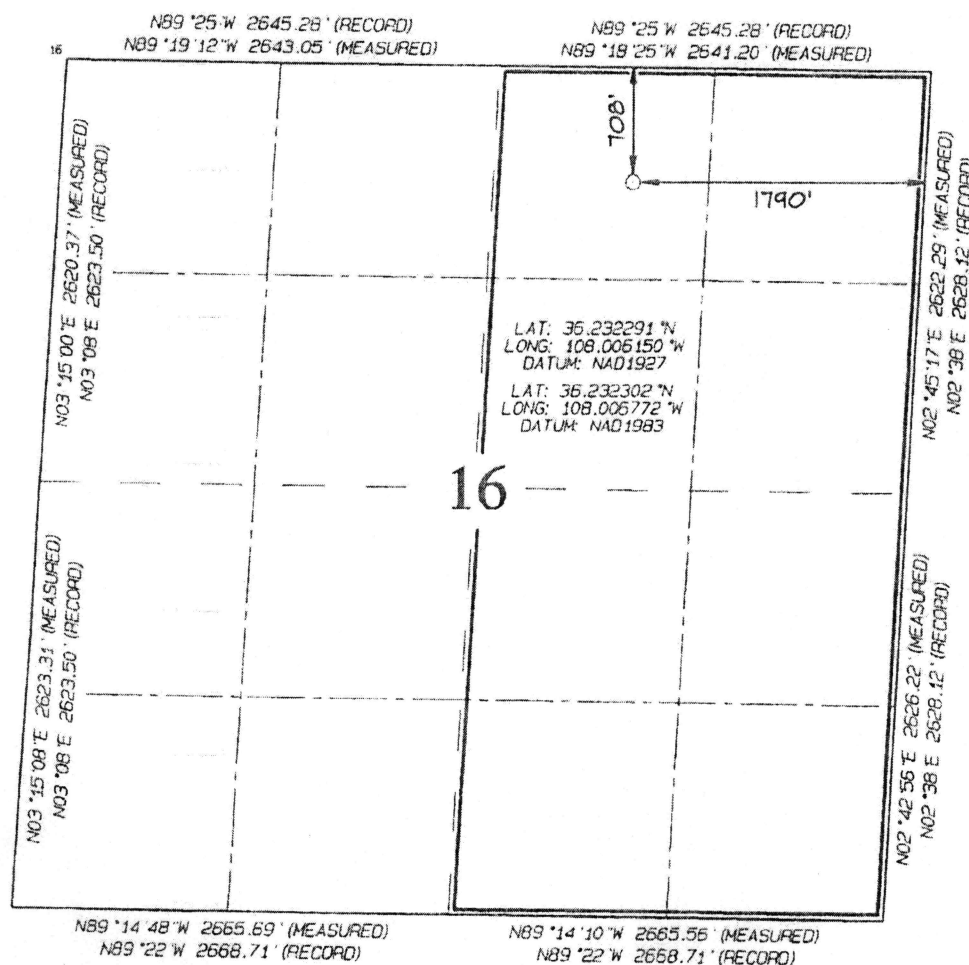
UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
B	16	23N	11W		708	NORTH	1790	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 320.0 Acres - E/2	*Joint or Infill	*Consolidation Code	*Order No.
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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 to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kurt Fagrelus 12/11/2017
Signature Date

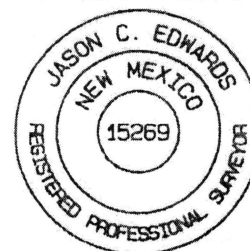
Printed Name
Kurt Fagrelus
E-mail Address
kfagrelus@duganprouction.com

18 SURVEYOR CERTIFICATION

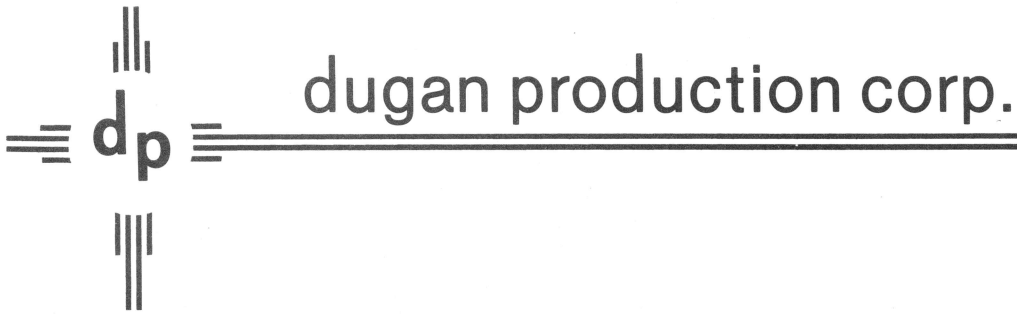
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: OCTOBER 25, 2017
Date of Survey: OCTOBER 11, 2017

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269



February 3, 2022

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

Re: Dugan Production Corp.
PGA Unit #161
API #30 045 35868
Unit B, Sec. 16, 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 'Aliph Reena', is written over a horizontal line.

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.

A handwritten signature in black ink, appearing to read 'Tyra M. Feil', is written over a horizontal line.

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. 161 (Job #17284)
Job Notes:	Aztec 507 PGA UNIT No. 161 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

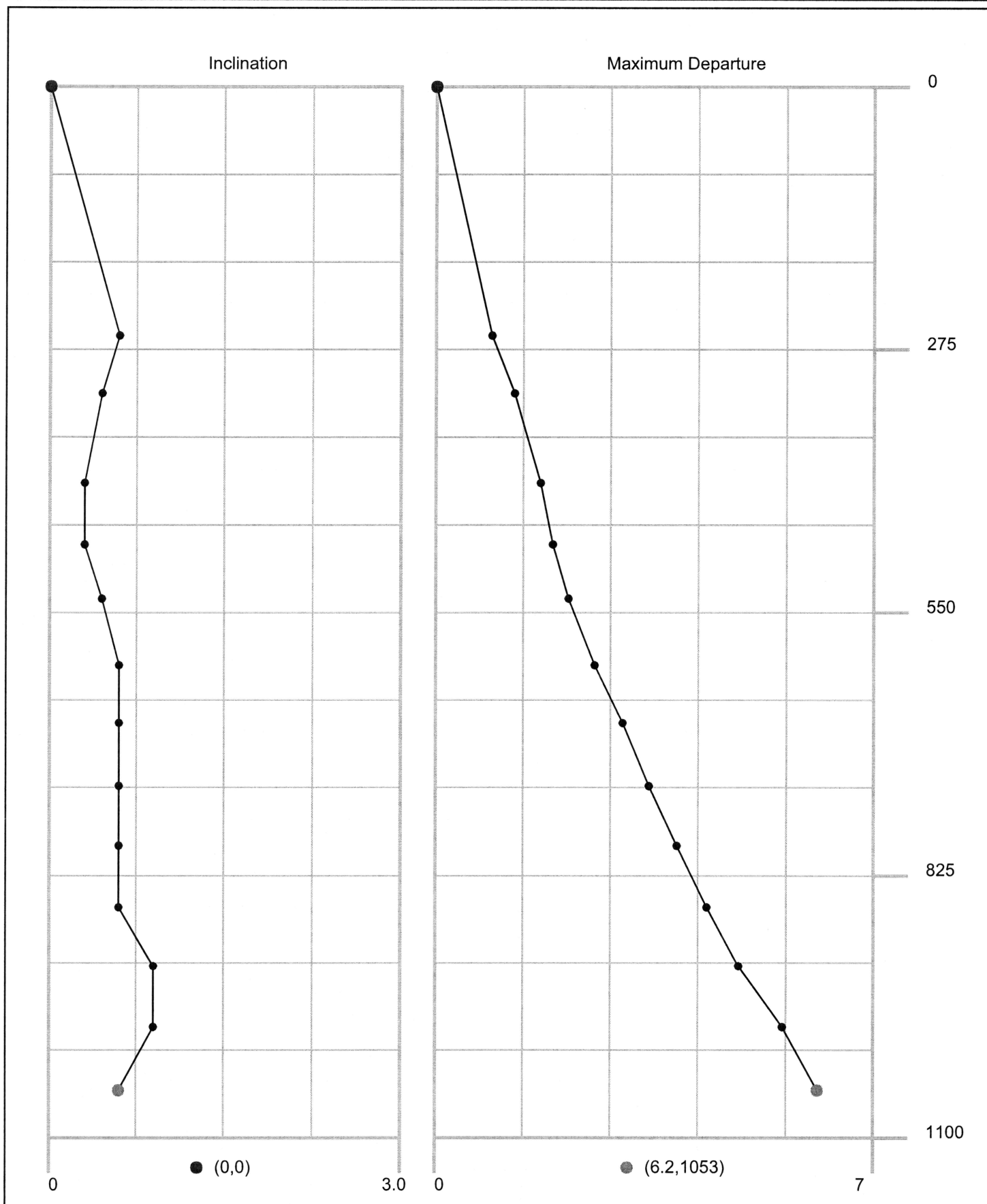
The Vertical Depth and Departure values below were calculated using the Minimum Curvature Model. This information is intended for reference purposes ONLY. It is NOT intended to replace professional oversight or so judgement. For more detail on the data and algorithms used to compute this information,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



Submit Copy To Appropriate District Office
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State of New Mexico
 Energy, Minerals and Natural Resources

Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (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.) 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		WELL API NO. 30-045-35861 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> 6. State Oil & Gas Lease No. VA-2966
2. Name of Operator Dugan Production Corp.		7. Lease Name or Unit Agreement Name PGA Unit
3. Address of Operator PO Box 420, Farmington, NM 87499		8. Well Number 161
4. Well Location Unit Letter <u>B</u> : <u>708</u> feet from the <u>North</u> line and <u>1790</u> feet from the <u>East</u> line Section <u>16</u> Township <u>23N</u> Range <u>11W</u> NMPM Rio Arriba County		9. OGRID Number 006515
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6226' GL		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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER <input type="checkbox"/>		OTHER: Completion <input checked="" type="checkbox"/>	


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 5½", 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 612' to surface on 1/19/2022. Perforate Fruitland Coal from 400'-428', 28', 4 spf, 112 holes, 0.42" diameter, 62.4" depth penetration, 60-degree phasing on 2/2/22. Ran 2-7/8", 6.4#, J-55 tubing to 472' EOT and installed sucker rod pump on 2/3/2022. Well ready to produce once approvals are received.

Spud Date:

Rig Release Date:

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

SIGNATURE  TITLE Engineering Supervisor DATE February 7, 2022

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): _____

Two Copies 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 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. 30-045-35861							2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN				
3. State Oil & Gas Lease No. VA-2966							5. Lease Name or Unit Agreement Name PGA Unit				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							6. Well Number: 161				
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> 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: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> 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:	B	16	23N	11W		708	North	1790	East	San Juan	
BH:	B	16	23N	11W		708	North	1790	East	San Juan	
13. Date Spudded 10/16/21	14. Date T.D. Reached 10/17/21	15. Date Rig Released 10/18/21		16. Date Completed (Ready to Produce) 02/02/2022		17. Elevations (DF and RKB, RT, GR, etc.) 6226' GR					
18. Total Measured Depth of Well 715'		19. Plug Back Measured Depth 642'		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 400'-428' (Fruitland Coal)											
23. 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		170' GL		12-1/4"		160 sx			
5-1/2"		10.5#, J-55		695' GL		7-7/8"		200 sx			
24. LINER RECORD											
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD		SIZE		DEPTH SET	PACKER SET
								2-7/8"		472'	N/A
26. Perforation record (interval, size, and number) 400'-428' (4 spf, 112 holes, 0.42" diameter, 62.4" depth penetration, 60° phasing)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. I DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 400'-428'					
28. PRODUCTION											
Date First Production N/A		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Shut in					
Date of Test 02/03/22	Hours Tested 24 hrs	Choke Size 1/4"	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 12	Water - Bbl. 10	Gas - Oil Ratio				
Flow Tubing Press 25	Casing Pressure 30	Calculated 24-Hour Rate 25	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)					
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		Title		Engineering Supervisor		Date	February 3, 2022
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 deepened 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 surface	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 218'	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 464'	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	From	To	Thickness In Feet	Lithology

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 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 79456

ACKNOWLEDGMENTS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 79456
	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 79456

CONDITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 79456
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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