

SEP 25 2017

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM51005

1a. Type of Well  Oil Well  Gas Well  Dry  Other: CBM  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

2. Name of Operator: DUGAN PRODUCTION CORPORATION Contact: KEVIN SMAKA  
 Email: kevin.smaka@duganproduction.com

3. Address: 709 E MURRAY DRIVE FARMINGTON, NM 87499  
 3a. Phone No. (include area code) Ph: 505.325.1821

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 Sec 9 T23N R10W Mer NMP  
 At surface SWSE 1100FSL 1650FEL 36.237020 N Lat, 107.897810 W Lon  
 At top prod interval reported below  
 Sec 9 T23N R10W Mer NMP  
 At total depth SWSE 1100FSL 1650FEL 36.237020 N Lat, 107.897810 W Lon

6. If Indian, Allottee or Tribe Name \_\_\_\_\_  
 7. Unit or CA Agreement Name and No. NMNM134509  
 8. Lease Name and Well No. HELSINKI COM 91  
 9. API Well No. 30-045-35686-00-X1  
 10. Field and Pool, or Exploratory BASIN FRUITLAND COAL  
 11. Sec., T., R., M., or Block and Survey or Area Sec 9 T23N R10W Mer NMP  
 12. County or Parish SAN JUAN 13. State NM  
 14. Date Spudded 06/23/2017 15. Date T.D. Reached 06/29/2017 16. Date Completed  D & A  Ready to Prod. 09/14/2017  
 17. Elevations (DF, KB, RT, GL)\* 6585 GL  
 18. Total Depth: MD 1085 TVD 1085 19. Plug Back T.D.: MD 1021 TVD 1021 20. Depth Bridge Plug Set: MD TVD  
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) \_\_\_\_\_  
 22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cements Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.0		126		100			
7.875	5.500 J055	15.5		1073		220			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	943							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	853	875	853 TO 875		66	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
853 TO 875	600 GALS 15% HCL; 109,500# 20/40 SAND; 66,000 GALS CROSSLINKED FOAM

ACCEPTED FOR RECORD  
SEP 22 2017  
FARMINGTON FIELD OFFICE  
BY: [Signature]

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

(See Instructions and spaces for additional data on reverse side)  
 ELECTRONIC SUBMISSION #389325 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* BLM REVISED \*\*

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

UNKNOWN

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				NACIMIENTO	0
				OJO ALAMO	78
				KIRTLAND	137
				FRUITLAND	509
				PICTURED CLIFFS	934

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #389325 Verified by the BLM Well Information System.  
For DUGAN PRODUCTION CORPORATION, sent to the Farmington  
Committed to AFMSS for processing by ABDELGADIR ELMADANI on 09/22/2017 (17AE0341SE)

Name (please print) KEVIN SMAKA Title ENGINEER

Signature \_\_\_\_\_ (Electronic Submission) Date 09/21/2017

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.

**\*\* REVISED \*\* REVISED \*\***