

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMMN36951

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)*
 At surface Sec 9 T23N R10W Mer NMP SESW 1100FSL 1400FWL 36.237010 N Lat, 107.905950 W Lon
 At top prod interval reported below
 At total depth Sec 9 T23N R10W Mer NMP SESW 1100FSL 1400FWL 36.237010 N Lat, 107.905950 W Lon

6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No. NMMN134509
 8. Lease Name and Well No. HELSINKI COM 90
 9. API Well No. 30-045-35685-00-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 06/16/2017 15. Date T.D. Reached 06/22/2017 16. Date Completed D & A Ready to Prod. 09/14/2017
 17. Elevations (DF, KB, RT, GL)* 6569 GL
 18. Total Depth: MD 1085 TVD 1085 19. Plug Back T.D.: MD 1022 TVD 1022 20. Depth Bridge Plug Set: MD TVD
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR-CNL-CCL 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 Cemen-ter Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.0		126		150			
7.875	5.500 J-55	15.5		1072		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		908						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	828	850	828 TO 850		88	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
828 TO 850	600 GALS 15% HCL; 109,500# 20/40 SAND; 66,000 GALS CROSSLINKED FOAM

OIL CONS. DIV DIST. 3
OCT 11 2017

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #390177 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** 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 OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS	0 26 90 478 903

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 #390177 Verified by the BLM Well Information System.
For DUGAN PRODUCTION CORPORATION, sent to the Farmington
Committed to AFMSS for processing by JACK SAVAGE on 10/03/2017 (18JWS0003SE)

Name (please print) KEVIN SMAKA Title ENGINEER

Signature _____ (Electronic Submission) Date 09/28/2017

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 ****