

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMNM112959

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

7. If Unit or CA Agreement, Name and or No.  
NMNM128992X

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other: INJECTION

8. Well Name and No.  
PGA UNIT SWD 33 4

2. Name of Operator Contact: ALIPH REENA  
DUGAN PRODUCTION CORPORATION Mail: aliph.reena@duganproduction.com

9. API Well No.  
30-045-35870-00-X1

3a. Address  
709 E MURRAY DRIVE  
FARMINGTON, NM 87499

3b. Phone No. (include area code)  
Ph: 505.325.1821

10. Field and Pool or Exploratory Area  
MORRISON

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 33 T24N R11W SESE 271FSL 184FEL  
36.263756 N Lat, 107.999817 W Lon

11. County or Parish, State  
SAN JUAN COUNTY, NM

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

As per NMOCD Administrative Order SWD-1747, dated 7/26/2018, test results of water sample from the PGA Unit SWD 33 #4 are attached. After perforating the Entrada, the well was flowing 1 bpm. The water sample was collected from the wellhead on 10/31/2018.

NMOCD

FEB 21 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #443629 verified by the BLM Well Information System  
For DUGAN PRODUCTION CORPORATION, sent to the Farmington  
Committed to AFMSS for processing by SHANNON FACHAN on 02/14/2019 (19SLF0276SE)

Name (Printed Typed) ALIPH REENA

Title AGENT, ENGINEERING SUPERVISOR

Signature (Electronic Submission)

Date 11/12/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

ACCEPTED

VIRGIL LUCERO  
Title BRANCH CHIEF, I&E

Date 02/14/2019

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Farmington

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

AV

# HALLIBURTON

Rockies, Farmington

## Lab Results-PE

### Job Information

Request ID	2065255/1	Rig Name		Date	01/NOV/2018
Submitted By	Natasha Yazzie	Job Type	Flowback	Well	PGA Unit SWD 33 004
Customer	Dugan Production Corp.	Location	New Mexico		

### Well Information

Formation	Entrada Sandstone	Depth MD	6210'-6500'	BHST	130 F
Pressure		Depth TVD	6210'-6500'	Cool Down Temperature	

### Fluid Results Request ID 2065255/ 1

#### Water Analysis

Specific Gravity	pH	Chlorides (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Dissolved Iron (mg/L)	Potassium (mg/L)
1.008	6.98	7092	224	42	147	400

Bicarbonates (mg/L)	Carbonates (mg/L)	Hydroxides (mg/L)	Sulfates (mg/L)	Sodium (mg/L)	TDS (mg/L)	Rw Resistivity (Ohms-Meter)
272	0	0	230	4059	12880	73

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