

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

5. Lease Serial No.
NMSF080565A

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

8. Well Name and No.
LITTLE ANGEL 1

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

9. API Well No.
30-039-06102-00-S1

3a. Address
FARMINGTON, NM 87499

3b. Phone No. (include area code)
Ph: 505-325-1821

10. Field and Pool or Exploratory Area
TAPACITO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 8 T25N R3W NENE
36.417536 N Lat, 107.161926 W Lon

11. County or Parish, State
RIO ARRIBA 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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.

The well was P&A'd on 9/21/18 - 9/23/18 as per the following procedure:

- 1) Set 4-1/2" CIBP @ 3686'. Load and circulate hole. Pressure test casing to 600 psi. Casing won't hold. Run CBL from 3686' to surface.
- 2) Spot inside Plug I above CIBP @ 3686' w/48 sks (56.6 cu ft) Class G neat cement (15.6#/gal, 1.18 cu ft/sk). Displace w/10.5 bbls water. WOC 5 hrs. Tagged TOC at 3121'. Good tag. Plug I: PC-Fruitland-Kirtland-Ojo Alamo: 3121'-3686'.
- 3) Perforate @ 2907'. Set 4-1/2" CR @ 2050'. Cannot get rate below CR. Checked w/OCD/BLM. Spot 250' inside plug w/18 sks (21.2 cu ft) Class G neat cement (15.6#/gal, 1.18 cu ft/sk). Shut in overnight. Tagged TOC @ 1790'. Plug II: Nacimiento 1790'-2050'.
- 4) Perforate @ 176'. Establish circulation to surface w/5 bbl water. Circulate Plug III to surface from 176' w/140 sks (165.2 cu ft) Class G cement. Plug III: Surface 0'-170'.
- 5) Cut wellhead. Dug cellar around wellhead. TOC at surface. Fill up cellar w/15 sks (17.7 cu

NMOCD
DEC 11 2018
DISTRICT III

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

**Electronic Submission #437869 verified by the BLM Well Information System
For DUGAN PRODUCTION CORPORATION, sent to the Rio Puerco
Committed to AFMSS for processing by JACK SAVAGE on 11/09/2018 (18JWS0006SE)**

Name (Printed/Typed) ALIPH REENA

Title PRODUCTION ENGINEER

Signature (Electronic Submission)

Date 10/01/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**

JACK SAVAGE
Title PETROLEUM ENGINEER

Date 11/09/2018

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 Rio Puerco

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 ****

NMOCD

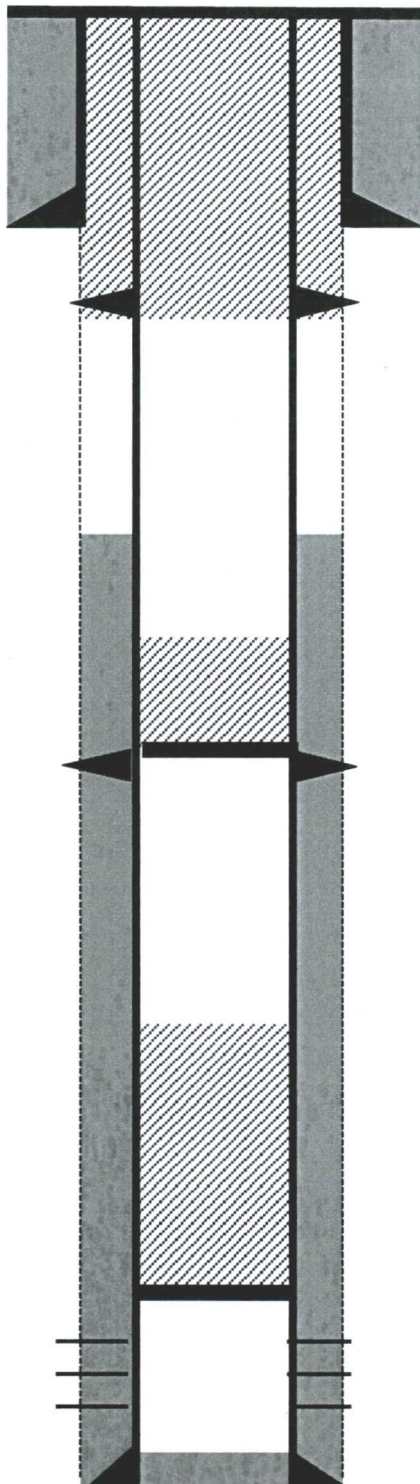
Additional data for EC transaction #437869 that would not fit on the form

32. Additional remarks, continued

ft) cement. Install dryhole marker. Clean location.
6) Well P&A'd on 9/23/18.

Completed Wellbore Schematic

Little Angel # 1
Sec 8 T25N R3W
790' FNL & 790' FEL
Rio Arriba NM



7-5/8" 26.4# casing @ 120'. Cemented with 50 sks Cement. Hole size 9-3/4"

Perforate @ 176'. Circulate plug to surface w/ 140 sks Class G Cement (165.2 cu.ft) (Plug III, Surface -176')

4 1/2" 9.4 # casing @ 3800'. Hole size: 6-3/4"

Cement production casing w/ 100 sks.

Set Inside Plug above CR @ 2050' with 18 sks (21.2 cu.ft) @ 1790'-2050' Class G cement. (Plug II, Nacimiento, 1790'-2050')

Top of cement from CBL @ 1300'

CR @ 3686'. Set Inside Plug with 48 sks (56.6 cu.ft) @ 3686' Class G cement. (Plug I, Pictured Cliff-Fruitland-Kirtland-Ojo Alamo, 3121'-3686')

Pictured cliffs Perforated @ 3736' - 3772'

PBTD @ 3770', TD @ 3800'