

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
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 ☐ Other8. 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

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

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 recompleting 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 recompletion 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.

Dugan Production Corp. plans to plug and abandon the well as per the following procedure:

- 1) Set 4-1/2" CIBP @ 3686'. Pressure test casing to 600 psi. Run CBL from 3686' to surface.
- 2) Spot inside Plug I above CIBP @ 3686' w/24 sks (28.3 cu ft) Class B neat cement to 3450' (15.6#/gal, 1.18 cu ft/sk) - Plug I: PC-Fruitland-Kirtland-Ojo Alamo: 3450'-3686'.
- 3) Perforate @ 2450'. Set inside/outside plug w/36 sks (42.5 cu ft) Class B neat cement to 2350' (15.6#/gal, 1.18 cu ft/sk) - Plug II: Nacimiento 2350'-2450'.
- 4) Perforate @ 170'. Circulate Plug III to surface from 170' (casing shoe @ 120') w/40 sks (48 cu ft) Class B cement w/2% CaCl₂ (15.6#/gal, 1.18 cu ft/sk) - Surface, Plug III: 0-170'.
- 5) Tag TOC at surface. Fill cement in case needed. Cut wellhead.
- 6) Install dryhole marker. Cut anchors. Clean location.

Notify NMOCD 24 hrs
prior to beginning
operations

NMOCD

JUL 23 2018

DISTRICT III

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

Electronic Submission #426658 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 07/18/2018 (18JWS0006SE)

Name (Printed/Typed) ALIPH REENA

Title PRODUCTION ENGINEER

Signature (Electronic Submission)

Date 07/09/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JACK SAVAGE

Title PETROLEUM ENGINEER

Date 07/18/2018

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

P&A Surface Reclamation Plan

Little Angel #1

30-039-06102

A-08-25N-03W

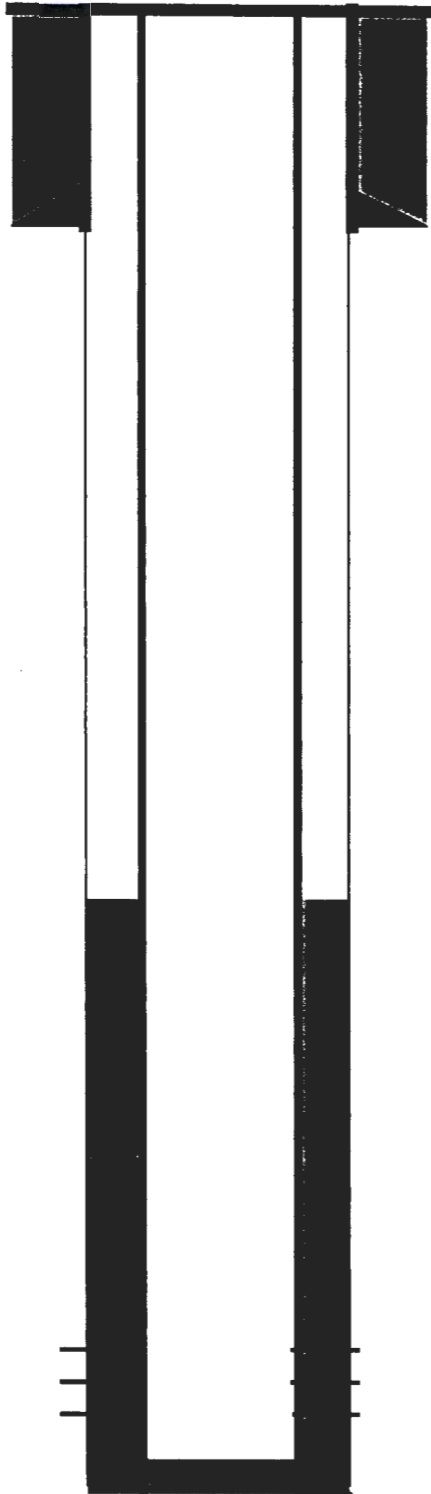
790 FNL 790 FEL

Dugan Production Corp. will plug and abandon the Little Angel #1. The well resides on a federal mineral lease but the surface of this well location is privately owned. Dugan Production Corp. will work with the land owner to rehabilitate this well pad as the land owner directs.

If there are questions or concerns please contact Kevin Smaka with Dugan Production Corp. at (505) 325-1821.

Current 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"

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

Cement production casing w/ 100 sks.

Top of cement from Cement Volume @ 3160'

Pictured cliffs Perforated @ 3736' – 3772'

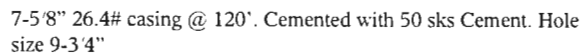
PBTD @ 3770', TD @ 3800'

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

Sec 8 T25N R3W

790' FNL & 790' FEL

Rio Arriba NM



Perforate @ 170'. Circulate plug to surface w/ 40 sks Class B Cement (47.6 cu.ft) (Plug III, Surface -170')

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

Cement production casing w/ 100 sks.

Set Inside Plug @ 2450' with 36 sks (42.5 cu.ft) @ 2350'-2450'
Class B cement. (Plug II, Nacimiento, 2350'-2450')

Top of cement from Cement Volume @ 3160'

CIBP @ 3686'. Set Inside Plug with 24 sks (28 cu.ft) @ 3686'
Class B cement. (Plug I, Pictured Cliff-Fruitland-Kirtland-Ojo
Alamo, 3450'-3686')

Pictured cliffs Perforated @ 3736' – 3772'

PBTD @ 3770', TD @ 3800'

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Little Angel #1

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Set plug #1 (3686 - 3232) ft. to cover the Fruitland, Kirtland, and and Ojo Alamo tops. BLM picks top of Fruitland at 3539 ft. BLM picks top of Kirtland at 3492 ft. BLM picks top of Ojo Alamo at 3282 ft.
 - b) Set plug #2 (2097 - 1997) ft. inside/outside to cover the Nacimiento top. BLM picks top of Nacimiento at 2047 ft.

Operator will run CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: jwsavage@blm.gov Brandon.Powell@state.nm.us

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.