

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM40638
2. Name of Operator DUGAN PRODUCTION CORPORATION		6. If Indian, Allottee or Tribe Name
Contact: ALIPH REENA Email: aliph.reena@duganproduction.com		7. If Unit or CA/Agreement, Name and/or No. NM015P3586C516
3a. Address FARMINGTON, NM 87499	3b. Phone No. (include area code) Ph: 505-325-1821	8. Well Name and No. COBH 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T24N R2W SWSE 1150FSL 1630FEL 36.292120 N Lat, 107.033604 W Lon		9. API Well No. 30-039-23743-00-S1
		10. Field and Pool or Exploratory Area S BLANCO
		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 checked="" 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 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 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 @ 3183'. Pressure test casing to 600 psi. Top of cement from cement survey @ 1200'.
- 2) Spot inside Plug I above CIBP @ 3183' w/30 sks (35.5 cu ft) Class B neat cement to 2830' (15.6#/gal, 1.18 cu ft/sk). Plug I: PC-Fruitland-Kirtland-Ojo Alamo: 2830'-3183'.
- 3) Spot inside Plug II @ 1850' w/12 sks (14.2 cu ft) Class B neat cement to 1750' (15.6#/gal, 1.18 cu ft/sk). Plug II: Nacimiento 1750'-1850'.
- 4) Perforate @ 191'. Circulate Plug III to surface from 191' (casing shoe @ 141') w/48 sks (56.5 cu ft) Class B cement w/2% CaCl₂ (15.6#/gal, 1.18 cu ft). Plug III - Surface 0-191'.
- 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 20 2018

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Electronic Submission #413580 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 (18JWS00055E)	
Name (Printed/Typed) ALIPH REENA	Title PRODUCTION ENGINEER
Signature (Electronic Submission)	Date 05/03/2018

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

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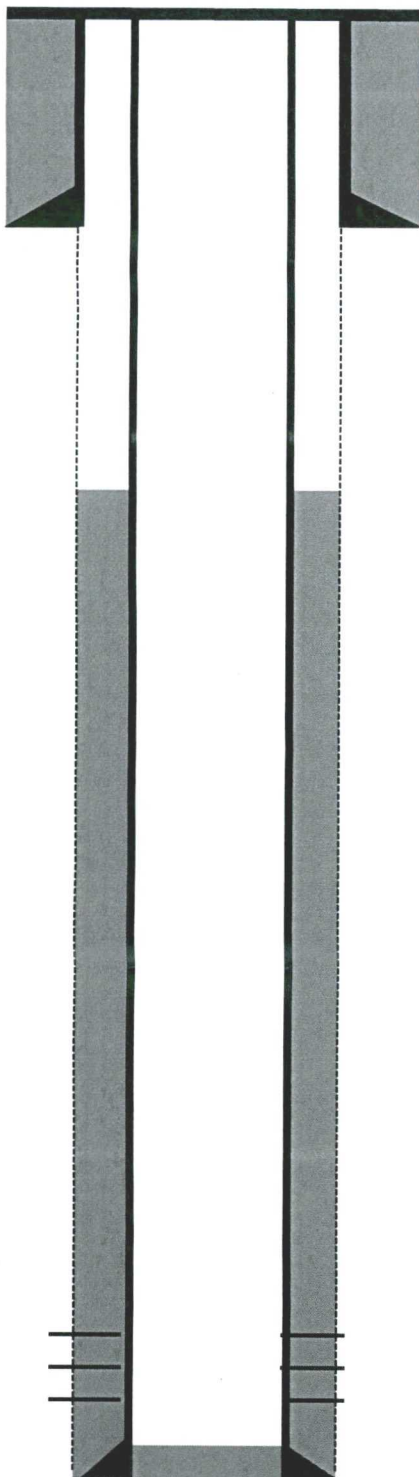
Current Wellbore Schematic

Cobh # 1

Sec 22 T24N R2W

1150' FSL & 1630' FEL

Rio Arriba NM



8-5/8" J-55 24# casing @ 141'. Cemented with 100 sks Cement.
Circulated 1.5 bbls cement. Hole size 12-1/4"

4 1/2" 11.6 # casing @ 3370'. Hole size: 6-1/4"

Top of cement from Temperature survey @ 1200'

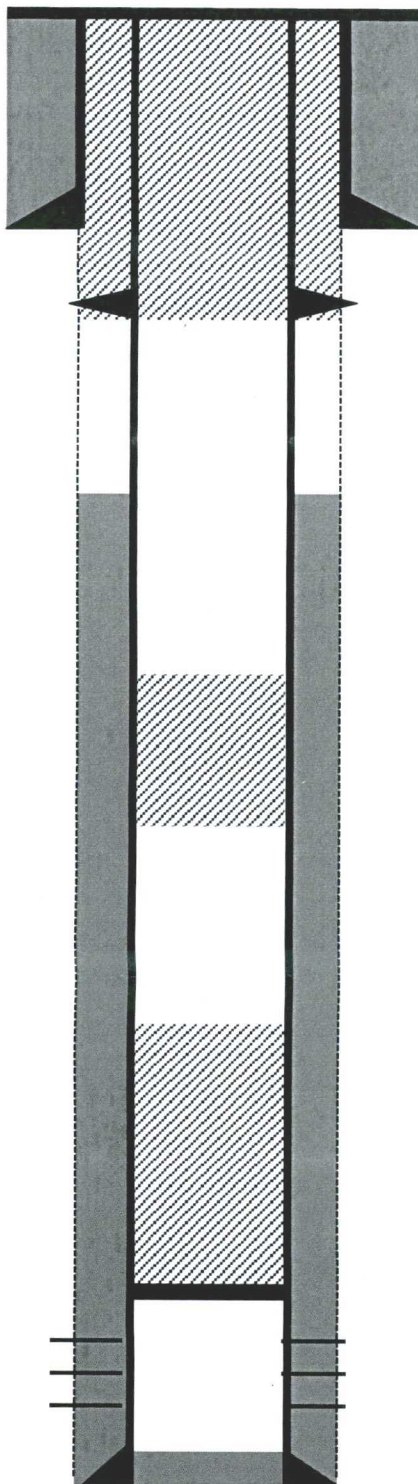
Cement production casing w/ 100 sks 65/35/12 gel w/ 12%
gilsonite followed by 100 sks 50/50 poz w/ 2% gel.
Total Slurry 426 cu.ft.

Pictured cliffs Perforated @ 3233' - 3239', 3246'-3250'

PBTD @ 3314', TD @ 3370'

Planned P & A Schematic

Cobh # 1
Sec 22 T24N R2W
1150' FSL & 1630' FEL
Rio Arriba NM



8-5/8" J-55 24# casing @ 141'. Cemented with 100 sks Cement.
Circulated 1.5 bbls cement. Hole size 12-1/4"

Perforate @ 191'. Circulate plug to surface w/ 48 sks Class B
Cement (56.5 cu.ft) (Plug III, Surface -191')

4 1/2" 11.6 # casing @ 3370'. Hole size: 6-1/4"

Top of cement from Temperature survey @ 1200'

Cement production casing w/ 100 sks 65/35/12 gel w/ 12%
gilsonite followed by 100 sks 50/50 poz w/ 2% gel.
Total Slurry 426 cu.ft.

Set Inside Plug @ 1850' with 12 sks (14.2 cu.ft) @ 1750'-1850'
Class B cement. (Plug II, Nacimiento, 1750'-1850')

CIBP @ 3183'. Set Inside Plug with 30 sks (35.5 cu.ft) @ 3183'
Class B cement. (Plug I, Pictured Cliff-Fruitland-Kirtland-Ojo
Alamo, 2830'-3183')

Pictured cliffs Perforated @ 3233' - 3239', 3246'-3250'

PBTD @ 3314', TD @ 3370'

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: Cobh #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 #2 (1600 - 1500) ft. to cover the Nacimiento top. BLM picks top of Nacimiento at 1550 ft.

Operator must run a 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.