

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.  
NMNM16760

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
MF 4

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

9. API Well No.  
30-045-25165-00-S1

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  
BISTI

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 14 T24N R10W SENE 1520FNL 0790FEL  
36.316956 N Lat, 107.858978 W Lon

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

**12. CHECK 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"/> Fracture Treat	<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 recomplate 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 plans to plug and abandon the well as per the following procedure:  
 1) Set bridge plug @ 5082'. Pressure test casing. Run CBL.  
 2) Spot plug above BP from 4982' to 5082' w/12 sks (14.2 cu ft) Class B cement (Gallup, Plug II: 4982'-5082').  
 3) Spot inside plug from 4202' to 4302' w/12 sks (14.2 cu ft) Class B cement (Mancos, Plug III: 4202'-4302').  
 4) Spot plug inside casing from 1948' to 2430' w/41 sks (48.4 cu ft) Class B cement (Mesaverde-Chacra, Plug IV: 1948'-2430').  
 5) Spot plug inside casing from 1174' to 1640' w/40 sks (47.2 cu ft) Class B cement (PC-Fruitland, Plug V: 1174'-1640').  
 6) Spot plug inside casing from 755' to 978' w/21 sks (24.8 cu ft) Class B cement (Alamo-Kirtland, Plug VI: 755'-978').

**Notify NMOCD 24 hrs prior to beginning operations**

**SEE ATTACHED FOR CONDITIONS OF APPROVAL**

**OIL CONS. DIV DIST. 3**

**JUL 21 2016**

**THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS**

14. I hereby certify that the foregoing is true and correct.  
 Electronic Submission #344223 verified by the BLM Well Information System  
 For DUGAN PRODUCTION CORPORATION, sent to the Farmington  
 Committed to AFMSS for processing by JACK SAVAGE on 07/18/2016 (16JWS0214SE)

Name (Printed/Typed) ALIPH REENA Title AGENT, ENGINEERING SUPERVISOR

Signature (Electronic Submission) Date 07/08/2016

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

Approved By JACK SAVAGE Title PETROLEUM ENGINEER Date 07/18/2016

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.

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

**Additional data for EC transaction #344223 that would not fit on the form**

**32. Additional remarks, continued**

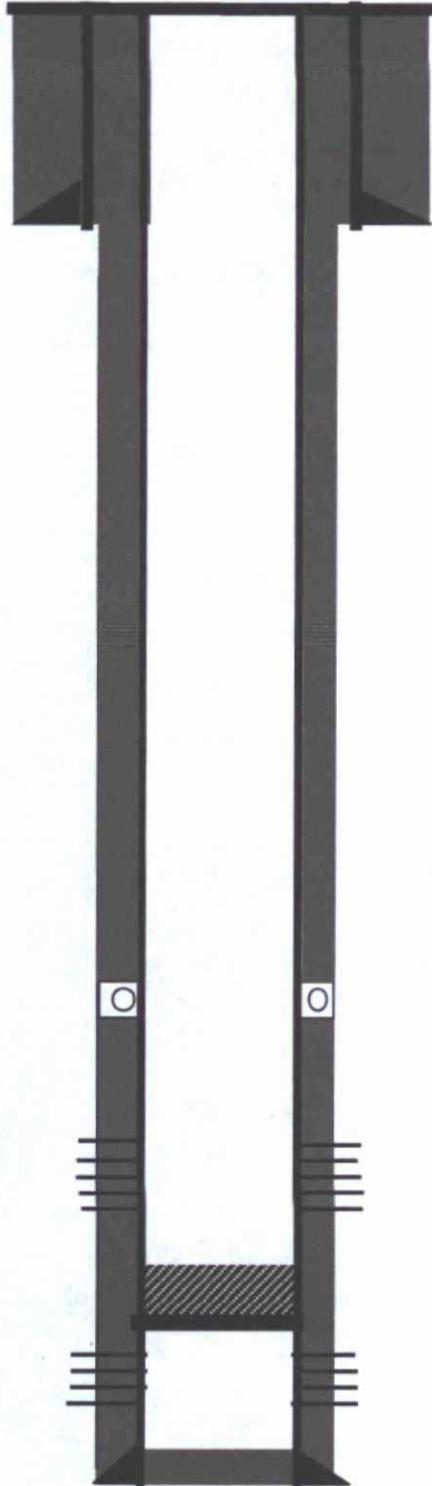
- 7) Perforate @ 251'. Establish circulation to surface. Circulate cement to surface from 251' to surface w/76 sks (90 cu ft) Class B cement (Surface, Plug VII: 0-251').
- 8) Tag TOC at surface. Fill cement in case needed. Cut wellhead.
- 9) Install dry hole marker. Clean location.

**Revisions to Operator-Submitted EC Data for Sundry Notice #344223**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	ABD NOI	ABD NOI
Lease:	NMNM16760	NMNM16760
Agreement:		
Operator:	DUGAN PRODUCTION CORP P O BOX 420 FARMINGTON, NM 87499-0420 Ph: 505-325-1821	DUGAN PRODUCTION CORPORATION 709 E MURRAY DRIVE FARMINGTON, NM 87499 Ph: 505-325-1821
Admin Contact:	ALIPH REENA ENGINEERING SUPERVISOR E-Mail: aliph.reena@duganproduction.com  Ph: 505-325-1821	ALIPH REENA AGENT, ENGINEERING SUPERVISOR E-Mail: aliph.reena@duganproduction.com  Ph: 505-325-1821
Tech Contact:	ALIPH REENA ENGINEERING SUPERVISOR E-Mail: aliph.reena@duganproduction.com  Ph: 505-325-1821	ALIPH REENA AGENT, ENGINEERING SUPERVISOR E-Mail: aliph.reena@duganproduction.com  Ph: 505-325-1821
Location:		
State:	NM	NM
County:	SAN JUAN	SAN JUAN
Field/Pool:	BISTI LOWER GALLUP	BISTI
Well/Facility:	MF 4 Sec 14 T24N R10W Mer NMP SENE 1520FNL 790FEL	MF 4 Sec 14 T24N R10W SENE 1520FNL 0790FEL 36.316956 N Lat, 107.858978 W Lon

**Current Wellbore Schematic**

MF # 004  
30-045-25165  
1520' FNL & 790' FEL  
H-14-T24N-R10W



**8 5/8" J-55 24# casing @ 201'.**

Cemented with 135 sks Class B w/ 2% gel. Circulated cement to surface

**4 1/2" 10.5 # casing @ 6412'. PBTD @ 6145'**

Cemented in two stages w /250 sks Class B w/ 4% gel followed by 150 sks Class B. (565 cu.ft). Cemented 2<sup>nd</sup> stage w/ 475 sks 65-35-12 followed by 100 sks Class B plus 4% gel. (1397 cu.ft)

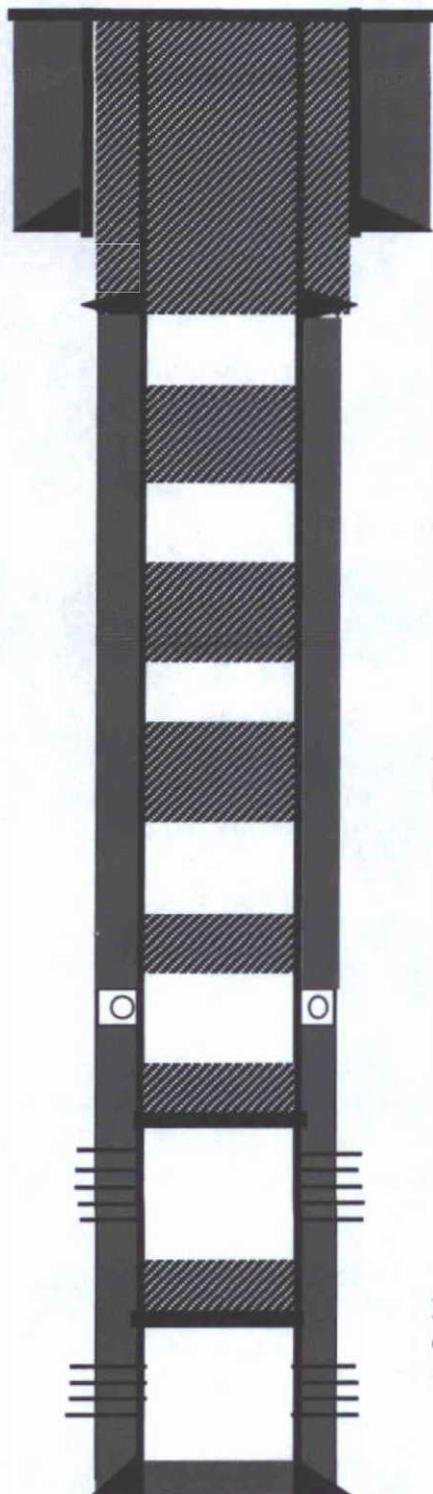
DV Tool @ 4311'

Gallup Perforated @ 5132'-5280'

Dakota Perforated and Plugged @ 6190'-6298'

## Planned P & A Schematic

MF # 004  
30-045-25165  
1520' FNL & 790' FEL  
H-14-T24N-R10W



8 5/8" J-55 24# casing @ 201'. Hole size: 12-1/4"

Cemented with 135 sks Class B w/ 2% gel. Circulated cement to surface

Perforate @ 251'. Circulate cement to surface w/ 76 sks Class B (90 cu.ft) (Plug I: Surface -251').

Inside plug @ 755'-978' w/ 21 sks Class B (24.8 cu.ft)  
[Plug II: Ojo Alamo-Kirtland]

Inside plug @ 1174'-1640' w/ 40 sks Class B (47.2 Cu.ft)  
[Plug III: PC- Fruitland]

Inside plug @ 1948'-2430' w/ 41 sks Class B (48.4 Cu.ft)  
[Plug IV: MV-Chacra]

Cemented in two stages w /250 sks Class B w/ 4% gel followed by 150 sks Class B. (565 cu.ft). Cemented 2<sup>nd</sup> stage w/ 475 sks 65-35-12 followed by 100 sks Class B plus 4% gel. (1397 cu.ft)

Inside plug @ 4202'-4302' w/ 12 sks Class B (14.2 Cu.ft)  
[Plug V: Mancos]

BP @ 5082'. Inside plug @ 4982'-5082' w/ 12 sks Class B (14.2 Cu.ft) [Plug VI: Gallup]

Gallup Perforated @ 5132'-5280'

Dakota Perforated and Plugged @ 6190'-6298'. CIBP @ 6145'. 50' of cement dumped on top of the plug. PBTB @ 6095'.

4 1/2" 10.5 # casing @ 6412'. PBTB @ 6145'  
7-7/8" hole

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: MF #4

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) Bring the top of plug #6 to **738 ft.** to cover the Ojo Alamo top. **BLM picks top of Ojo Alamo at 788 ft.** Adjust cement volume accordingly.

Operator will run CBL from CIBP to surface to identify TOC. Submit the electronic copy of the log for verification to the following addresses: [jwsavage@blm.gov](mailto:jwsavage@blm.gov) [Brandon.Powell@state.nm.us](mailto: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.