

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.  
NMNM120380

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
BOLT 1

9. API Well No.  
30-045-35790-00-X1

10. Field and Pool or Exploratory Area  
BASIN FRUITLAND COAL

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

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

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

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 10 T23N R10W SENW 1772FNL 1669FWL  
36.243660 N Lat, 107.887085 W Lon

**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 Drilling Operations
6P	<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.

Supplemental information for the TD/production casing sundry submitted 7/16/18 - cement job summary attached.

NMOCB  
JUL 23 2018  
DISTRICT III

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

**Electronic Submission #427532 verified by the BLM Well Information System  
For DUGAN PRODUCTION CORPORATION, sent to the Farmington  
Committed to AFMSS for processing by JACK SAVAGE on 07/18/2018 (18JWS0160SE)**

Name (Printed/Typed) ALIPH REENA

Title AGENT, ENGINEERING SUPERVISOR

Signature (Electronic Submission)

Date 07/17/2018

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

Approved By <b>ACCEPTED</b>	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 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 \*\***

NMOCB

COMPANY MAN

The Halliburton logo consists of a horizontal bar. The left portion of the bar is light yellow, and the right portion is red. The word "HALLIBURTON" is written in white, bold, sans-serif capital letters across the red portion of the bar.

**HALLIBURTON**

iCem® Service

**DUGAN PRODUCTION CORP-EBUS**

**For: MARTY FOUTZ**

Date: Thursday, July 12, 2018

DUGAN

Job Date: Friday, July 13, 2018

Sincerely,

**LEMONT JOJOLA**

The Road to Excellence Starts with Safety

Sold To #: 301906	Ship To #: 3888033	Quote #: 0022462472	Sales Order #: 0904992346							
Customer: DUGAN PRODUCTION CORP-EBUS		Customer Rep: MARTY FOUTZ								
Well Name: BOLT	Well #: 1	API/UWI #: 30-045-35790-00								
Field: BASIN FRUITLAND	City (SAP): NAGEEZI	County/Parish: SAN JUAN	State: NEW MEXICO							
COAL										
Legal Description: 10-23N-10W-1772FNL-1669FWL										
Contractor:		Rig/Platform Name/Num: D&D 1								
Job BOM: 7523 7523										
Well Type: VERTICAL GAS										
Sales Person: HALAMERICA/HX22823		Srvc Supervisor: Lemont Jojola								
Job										
Formation Name										
Formation Depth (MD)	Top	Bottom								
Form Type	BHST									
Job depth MD	1150ft	Job Depth TVD								
Water Depth	Wk Ht Above Floor									
Perforation Depth (MD)	From	To								
Well Data										
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		8.625	8.097	24	STC	J-55	0	120		
Casing		5.5	4.95	15.5	LTC	J-55	0	1215		
Open Hole Section			7.875				120	1215		
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make		
Guide Shoe	5.5			1215	Top Plug	5.5		HES		
Float Shoe	5.5				Bottom Plug	5.5		HES		
Float Collar	5.5				SSR plug set	5.5		HES		
Insert Float	5.5				Plug Container	5.5	1	HES		
Stage Tool	5.5				Centralizers	5.5		HES		
Fluid Data										
Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Fresh Water Spacer	Fresh Water Spacer	10	bbl	8.33			5		
Stage/Plug #: 2										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
2	Lead Cement	VARICEM (TM) CEMENT	145	sack	12.4	1.95		5	10.07	



HALLIBURTON

*Cementing Job Summary*

10.07 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	Tail Cement	HALCEM (TM) SYSTEM	100	sack	13.5	1.38		5	5.85
5.85 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
4	Displacement	Displacement	28	bbl	8.33			5	
Cement Left In Pipe									
Amount	ft	Reason					Shoe Joint		
Mix Water: pH ##	Mix Water: ## ppm	Chloride:					Mix Water Temperature: ## °F °C		
Cement Temperature: ## °F °C	Plug Displaced by: ## lb/gal kg/m <sup>3</sup> XXXX	Disp. Temperature: ## °F °C							
Plug Bumped? Yes/No	Bump Pressure: #### psi MPa	Floats Held? Yes/No							
Cement Returns: ## bbl m <sup>3</sup>	Returns Density: ## lb/gal kg/m <sup>3</sup>	Returns Temperature: ## °F °C							
Comment									

# Summary Report

Crew: \_\_\_\_\_  
 Job Start Date: 07/12/2018 06 00 PM

Sales Order #: 0904992346  
 WO #: 0904992346  
 PO #: NA  
 AFE #: NA

Customer:	DUGAN PRODUCTION CORP- EBUS	Field:	BASIN FRUITLAND COAL	Job Type:	CMT PRODUCTION CASING BOM
UWI / API Number:	30-045-35790-00	County/Parish:	SAN JUAN	Service Supervisor:	Lemont Jojola
Well Name:	BOLT	State:	NEW MEXICO		
Well No:	1	Latitude:	36.243660	Cust Rep Name:	MARTY FOUTZ
		Longitude:	-107.887083	Cust Rep Phone #:	
		Sect / Twn / Rng:	10/23/10		

<b>Remarks:</b>		
The Information Stated Herein Is Correct	Customer Representative Signature	Date
	Customer Representative Printed Name	

## 2.0 Real-Time Job Summary

## 2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	PS Pump Rate (bbl/min)	Pump Stg Tot (bbl)	Comments
Event	1	Call Out	Call Out	7/12/2018	13:00:00	USER					CEMENT CREW CALLED OUT
Event	2	Depart Yard Safety Meeting	Depart Yard Safety Meeting	7/12/2018	14:50:00	USER					SAFETY MEETING HELD WITH CEMENT CREW
Event	3	Depart Home for Location	Depart Home for Location	7/12/2018	15:00:00	USER					1-PICKUP 11583927, 1- RED TIGER 12638114, 1- BULK TRUCKS 11338219 - 10001398
Event	4	Arrive At Loc	Arrive At Loc	7/12/2018	16:00:00	USER					CEMENT CREW ARRIVES ON LOCATION
Event	5	Comment	Comment	7/12/2018	16:05:00	USER					RIG AND CASING CREW ARE RUNNING IN HOLE WITH CASING AT TIME OF ARRIVAL
Event	6	Other	Tubulars	7/12/2018	16:10:00	USER					TD = 1215 FT, TP = 5 1/2" 15.5# SET @ 1215 FT, SJ = 56.7 FT, OH = 7 7/8", SURFACE = 8 5/8" 24# SET @ 126"
Event	7	Other	Water Test	7/12/2018	16:15:00	USER					TEMPERATURE = 60 DEGREES, CHLORIDES = 0, PH = 7
Event	8	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	7/12/2018	18:15:00	USER					SAFETY MEETING HELD WITH CEMENT CREW
Event	9	Rig-Up Equipment	Rig-Up Equipment	7/12/2018	18:20:00	USER					CEMENT CREW RIGS UP EQUIPMENT
Event	10	Pre-Job Safety Meeting	Pre-Job Safety Meeting	7/12/2018	18:44:03	USER	-45.00	-0.97	0.00	0.00	SAFETY MEETING HELD WITH EVERYONE ON LOCATION

Event	11	Start Job	Start Job	7/12/2018	18:52:14	COM5	-22.00	8.31	0.00	0.00	
Event	12	Pressure Test	Pressure Test	7/12/2018	19:15:58	USER	3079.00	8.38	0.00	1.90	PRESSURE TEST GOOD TO 2700 PSI
Event	13	Check Weight	Check Weight	7/12/2018	19:23:21	COM5	2543.00	8.46	0.00	1.90	CHECK CEMENT WEIGHT = 12.4#
Event	14	Pump Spacer	Pump Spacer	7/12/2018	19:24:12	USER	9.00	8.29	0.00	0.00	PUMPED 10 BBLS H2O
Event	15	Pump Cement	Pump Lead Cement	7/12/2018	19:27:15	USER	117.00	11.80	4.10	1.00	145 SKS 1.95 CUFT/SK 10.07 GAL/SK = 50.4 BBLS @ 12.4# 34.8 BBLS H2O REQ
Event	16	Pump Tail Cement	Pump Tail Cement	7/12/2018	19:40:26	USER	49.00	13.38	4.10	4.20	100 SKS 1.38 CUFT/SK 5.85 GAL/SK = 24.6 BBLS @ 13.5# 14 BBLS H2O REQ
Event	17	Check Weight	Check Weight	7/12/2018	19:44:06	COM5	84.00	13.79	4.10	19.10	CHECK CEMENT WEIGHT = 13.5#
Event	18	Cement Returns to Surface	Cement Returns to Surface	7/12/2018	19:47:02	USER	105.00	13.52	4.10	31.10	CALCULATED 35 BBLS OF CEMENT BACK TO SURFACE, ACTUALLY CIRCULATED 28 BBLS OF CEMENT BACK TO SURFACE
Event	19	Shutdown	Shutdown	7/12/2018	19:47:37	USER	109.00	13.53	4.10	33.40	SHUTDOWN DROP PLUG
Event	20	Pump Displacement	Pump Displacement	7/12/2018	19:56:36	USER	376.00	8.38	2.40	22.40	CALCULATED 27.6 BBLS TO DISPLACE CEMENT, ACTUALLY PUMPED 28 BBLS TANK TO TANK MARK TO MARK
Event	21	Bump Plug	Bump Plug	7/12/2018	19:58:12	USER	695.00	8.38	2.30	26.30	CALCULATED 630 PSI TO LAND PLUG, PLUG BUMPED @ 440 PSI PRESSURED UP TO 1100 PSI
Event	22	Check Floats	Check Floats	7/12/2018	19:59:35	USER	133.00	8.35	0.00	26.30	CHECK FLOATS, FLOATS HELD 1/2 BBLS BACK
Event	23	Shutdown	Shutdown	7/12/2018	20:00:22	USER	7.00	8.34	0.00	26.30	SHUTDOWN END JOB, THANK YOU FOR CHOOSING HALLIBURTON LEMONT

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(v. 4.5.139)

Created: Thursday, July 12, 2018

## JOJOLA AND CREW

Event	24	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	7/12/2018	20:10:00	USER	68.00	8.75	3.30	8.60	SAFETY MEETING HELD WITH CEMENT CREW
Event	25	Rig-Down Equipment	Rig-Down Equipment	7/12/2018	20:15:00	USER					CEMENT CREW RIGS DOWN EQUIPMENT
Event	26	Depart Location Safety Meeting	Depart Location Safety Meeting	7/12/2018	20:30:00	USER					SAFETY MEETING HELD WITH CEMENT CREW
Event	27	Depart Location	Depart Location	7/12/2018	20:45:00	USER					CENEMT CREW DEPARTS LOCATION



# DUGAN BOLT #1, PRODUCTION

