

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.*

5. Lease Serial No.  
NMNM19163

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.  
TURKS TOAST 4

9. API Well No.  
30-045-27360-00-S1

10. Field and Pool or Exploratory Area  
SWD MESAVERDE

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator **DUGAN PRODUCTION CORPORATION** Contact: ALIPH REENA  
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 17 T30N R14W NWSW 1850FSL 0790FWL  
36.811800 N Lat, 108.338240 W Lon

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

*mk*

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
	<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.

The well failed MIT test on 3/14/2018. Dropped 520 psi to 360 psi in 30 minutes. MI workover rig 4/27/18. Pulled 4-1/2" injection packer and 2-3/8" poly coated tubing out of the hole. RIH w/2-3/8" work string and casing scraper. RIH w/4-1/2" packer and retrievable BP. Set 4-1/2" retrievable BP @ 3530'. Isolate casing damage from 2957'-3146' (189'). Cannot inject into the casing. Pressure bleed off @ 60 psi/30 minutes.

RU Halliburton cement. Squeeze casing damage w/50 sks (46 cu ft, 7.5 bbis) Halliburton Fincem cement (44 lb/sk, 0.85 cu ft/sk). Could not get a squeeze in @ 1350 psi. Set pressure on the wellhead and shut down. Opened wellhead back up after 96 hrs. Drilled out cement on 5/7/18. Pressure tested casing to 1000 psi, held ok.

Casing tested to 600 psi on 5/10/18. Held good. Passed. Monica Kuehling w/NMOCD witnessed test.

**NMOCD**  
**JUN 04 2018**  
**DISTRICT III**

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

**Electronic Submission #421026 verified by the BLM Well Information System  
For DUGAN PRODUCTION CORPORATION, sent to the Farmington  
Committed to AFMS for processing by WILLIAM TAMBEKOU on 05/31/2018 (18WMT0862SE)**

Name (Printed/Typed) ALIPH REENA

Title AGENT, ENGINEERING SUPERVISOR

Signature (Electronic Submission)

Date 05/22/2018

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

Approved By **ACCEPTED**

WILLIAM TAMBEKOU  
Title PETROLEUM ENGINEER

Date 05/31/2018

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 \*\***

**NMOCD**

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State

# HALLIBURTON

iCem® Service

## DUGAN PRODUCTION

United States of America, NEW MEXICO

For: Aliph Reena

Date: Wednesday, May 02, 2018

**Turkstoast # 4SWD**

SAN JUAN, Turkstoast # 4SWD

Dugan, Turkstoast #4, Fine cem Squeeze

Job Date: Wednesday, May 02, 2018

Sincerely,

Jacob Ayers

## 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)	PS Pmp Stg Tot (bbl)	Recirc Density (ppg)	Comments
Event	1	Call Out	Call Out	5/2/2018	12:30:28	USER						Job Called out @ 1230
Event	2	Safety Meeting	Safety Meeting	5/2/2018	13:25:33	USER						Pre convoy safety meeting with crew
Event	3	Depart Home for Location	Depart Home for Location	5/2/2018	13:30:00	USER						Departed from the yard @ 1330
Event	4	Arrive at Rig	Arrive at Rig	5/2/2018	15:30:38	USER						Arrived on location @ 1530 rig was on bottom waiting
Event	5	Safety Meeting - Pre Rig-Up	Safety Meeting - Pre Rig-Up	5/2/2018	15:30:43	USER						Pre rig up safety meeting with crew
Event	6	Other	Well Info	5/2/2018	15:44:19	USER	20.00	8.23	0.00	8.50	8.21	Casing 4.5" 10.5# Bridge plug @ 3490' tubing 2 3/8" 4.6# 3178' holes 2957-3146. ph-7.5 chloride<29 sulfates<200 temp 63
Event	7	Safety Meeting - Pre Job	Safety Meeting - Pre Job	5/2/2018	16:35:45	USER	1235.00	8.27	0.00	5.10	12.25	Safety meeting held with all affected personnel on location
Event	8	Start Job	Start Job	5/2/2018	16:55:32	COM5	1414.00	8.27	0.00	5.10	9.20	
Event	9	Pressure Test	Pressure Test	5/2/2018	17:42:47	USER	403.00	8.25	0.00	5.10	12.16	Pressure test pumps and lines to 2300 psi
Event	10	Check Weight	Check Weight	5/2/2018	17:47:23	COM5	27.00	8.25	0.00	5.10	12.31	
Event	11	Pump Cement	Pump Cement	5/2/2018	17:49:30	COM5	192.00	11.45	1.60	2.30	12.54	Pumped 50 sks @ 12.5# .85 yield 5 gal/sks = 7.5 bbl cmt 250 gal. mix water.
Event	12	Pump Displacement	Pump Displacement	5/2/2018	17:54:15	COM5	24.00	14.08	0.00	9.40	0.56	Calculated 10.2 bbl to balance plug

Event	13	Reverse Out	Reverse Out	5/2/2018	18:11:51	COM5	68.00	8.46	1.80	0.40	0.54	Rig pulled tubing up to 2798" Reverse out pumped 15 bbl fresh water.
Event	14	Cement Returns to Surface	Cement Returns to Surface	5/2/2018	18:16:14	USER	457.00	8.41	2.40	10.70	0.54	1.5 bbl cement returned to surface
Event	15	Other	Other	5/2/2018	18:19:03	USER	32.00	4.67	0.00	16.10	0.53	rig pulled one stand up to 2737' started squeeze o
Event	16	Start Squeeze	Start Squeeze	5/2/2018	18:25:01	COM5	20.00	8.36	1.10	0.00	0.53	Started squeeze @ 600 psi walked it up to 1030psi used .5 bbl
Event	17	Start Squeeze	Squeeze	5/2/2018	18:45:23	USER	1317.00	8.38	0.00	0.50	0.53	increased pressure to 1320
Event	18	Shut In Well	Shut In Well	5/2/2018	19:03:23	USER	1235.00	8.37	0.00	0.50	8.97	Shut in well with 1250 psi
Event	19	End Job	End Job	5/2/2018	19:15:46	COM5	16.00	0.01	1.10	39.40	0.51	

# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 301906	Ship To #: 3875941	Quote #: 0022438894	Sales Order #: 0904832809
Customer: DUGAN PRODUCTION CORP-EBUS		Customer Rep: Aliph Renna	
Well Name: TURKS TOAST	Well #: 4	API/UWI #: 30-045-27360-00	
Field:	City (SAP): KIRTLAND	County/Parish: SAN JUAN	State: NEW MEXICO
<b>Legal Description:</b>			
Contractor:		Rig/Platform Name/Num:	
Job BOM: 7526 7526			
Well Type: GAS			
Sales Person: HALAMERICA/HX22823		Srvc Supervisor: Jacob Ayers	
<b>Job</b>			

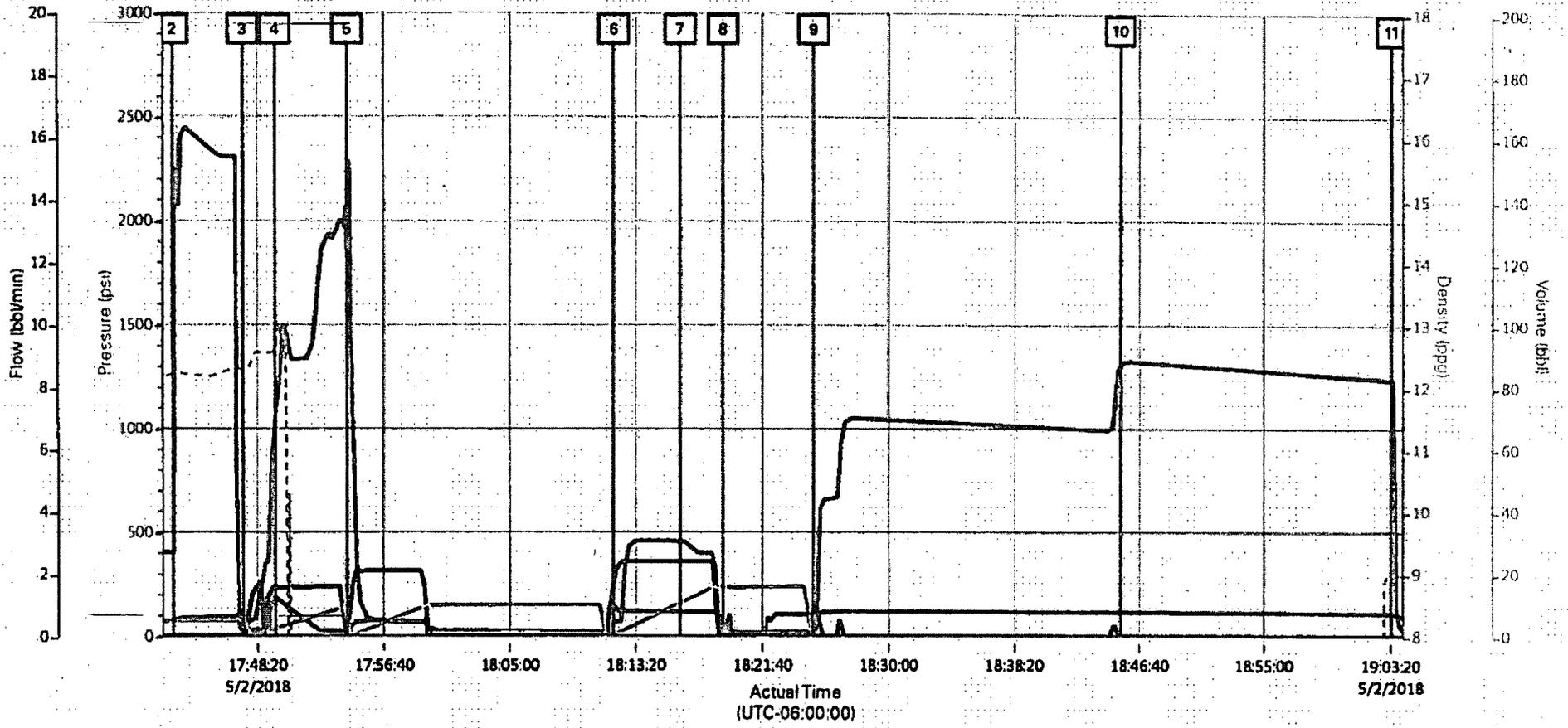
Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	3178ft Job Depth TVD
Water Depth	Wk Ht Above Floor
Perforation Depth (MD)	From 2957 ft To 3146 ft

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		4.5	4.052	10.5			0	3146		
Tubing		2.375	1.995	4.7			0	3146		

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make	
Guide Shoe	2.375			3178	Top Plug	2.375		HES	
Float Shoe	2.375				Bottom Plug	2.375		HES	
Float Collar	2.375				SSR plug set	2.375		HES	
Insert Float	2.375				Plug Container	2.375		HES	
Stage Tool	2.375				Centralizers	2.375		HES	

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density	Yield ft3/sack	Mix Fluid	Rate bbl/min	Total Mix Fluid
1	Fresh Water	Fresh Water Spacer	10	bbl	8.33				
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density	Yield ft3/sack	Mix Fluid	Rate bbl/min	Total Mix Fluid
2	SqueezeCem	SQUEEZECM (TM) SYSTEM	50	sack	12.5	0.92		3	5.04
5.04 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density	Yield ft3/sack	Mix Fluid	Rate bbl/min	Total Mix Fluid
3	Displacement	Displacement	0	bbl	8.33				
Cement Left In Pipe	Amount	ft	Reason		Shoe Joint				

# Dugan, Turkstoast #4, Fine cem Squeeze



PS Pump Press (psi) 17    DH Density (ppg) 0.06    PS Pump Rate (bbl/min) 0    PS Pmp Stg Tot (bbl) 86    Recirc Density (ppg) 0.51

Description	Actual Time (UTC-06:00:00)	PS Pump Press (psi)	DH Density (ppg)	PS Pump Rate (bbl/min)	PS Pmp Stg Tot (bbl)	Recirc Density (ppg)
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