

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 type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION		5. Lease Serial No. NMNM112959
2. Name of Operator DUGAN PRODUCTION CORPORATION Contact: ALIPH REENA Email: aliph.reena@duganproduction.com		6. If Indian, Allottee or Tribe Name
3a. Address 709 E MURRAY DRIVE FARMINGTON, NM 87499	3b. Phone No. (include area code) Ph: 505.325.1821	7. If Unit or CA/Agreement, Name and/or No. NMNM128992X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T24N R11W SESE 271FSL 184FEL 36.263756 N Lat, 107.999817 W Lon		8. Well Name and No. PGA UNIT SWD 33 4
		9. API Well No. 30-045-35870-00-X1
		10. Field and Pool or Exploratory Area MORRISON
		11. County or Parish, State SAN JUAN COUNTY, NM

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
	<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 recomplete 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.

Drilled 8-3/4" hole w/Aztec Drilling Rig 777 to 6735'. Reached TD 6735' RKB on 8/28/18. Survey at 1 degree at 6735'. Ran 38 jts, 1500' 26#, 7" J-55 csg and 119 jts, 5200' 23# J-55 csg to 6700'. DV tool set at 3172'. Centralizers on jts 1, 4, 5, 6, 7, 8, 9, 10, 11, 15 and every 4th joint to surface. RU Halliburton cement. Cement stage I: 10 bbls water spacer, 40 bbls 11#/gal Tuned Spacer III 36.83 gal/bbl fresh water, 117.60 lbm/bbl Baroid 41 - 50 lb bag, 1 lbm/bbl D-AIR 5000, 450 sks Halliburton Varicem Cement (Class G, 35% poz, 6% bentonite, 5 lb/sk Kalseal, 0.125 lb/sk pol-e-flake, 3% bwoc halad, 12.4#/gal, 1.95 cu ft/sk, 9.85 gals/sk), 877.5 cu ft (156 bbl) cement as lead followed by 75 sks Halliburton Halcem cement (Class G, 50% poz, 1% bwoc CFR3, and 2% CaCl2, 13.5#/gal, 1.38 cu ft/sk, 5.85 gals/sk mix) 103.5 cu ft, 18.5 bbls. Cement for stage I: 981 cu ft, 175 bbls. Dropped plug at 4:25 pm 8/29/18. Displaced w/150 bbls fresh water followed by 100 bbls mud. Plug on bottom at 5:00 pm 8/29/18. Bumped plug w/1450 psi. Pressured up to 1870 psi. Check floats, floats held good. Dropped multistage opening tool. Open tool. Circulated 75 bbls clean

NMOCB  
NOV 26 2018  
DISTRICT III

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

**Electronic Submission #434879 verified by the BLM Well Information System  
For DUGAN PRODUCTION CORPORATION, sent to the Farmington  
Committed to AFMSS for processing by JACK SAVAGE on 11/09/2018 (19JWS0035SE)**

Name (Printed/Typed) ALIPH REENA	Title AGENT, ENGINEERING SUPERVISOR
Signature (Electronic Submission)	Date 09/11/2018

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

Approved By <b>ACCEPTED</b>	JACK SAVAGE Title PETROLEUM ENGINEER	Date 11/09/2018
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 \*\***

141

## Additional data for EC transaction #434879 that would not fit on the form

### 32. Additional remarks, continued

cement to surface. Circulate hole for 5 hrs.

Cement stage II: 20 bbls chemical wash spacer 1000 gal/Mgal, 10 bbls water spacer, 350 sks Halliburton Varicem cement (Class G, 35% poz, 6% bentonite, 5 lb/sk Kolseal, 0.125 lb/sk pol-e-flake, 3% bwoc halad, 12.4#/gal, 1.95 cu ft/sk, 9.85 gals/sk) 693 cu ft (123 bbls) cement as lead followed by 120 sks Halliburton Halcem cement (Class G, 50% poz, 1% bwoc CFR3, and 2% CaCl<sub>2</sub>, 13.5# gal, 1.38 cu ft/sk, 5.85 gals/sk mix) 166 cu ft, 29.5 bbls. Cement for stage II: 859 cu ft, 153 bbls. Total cement for job 1829 cu ft, 327 bbls. Dropped plug at 12:30 am 8/30/2018. Displaced w/120 bbls fresh water. Plug on bottom at 12:45 am 8/30/2018. Bumped plug w/1100 psi. Pressured up to 2100 psi. Closed multistage cement tool w/2,200 psi. Check floats, floats held good. SD Halliburton. WSI to cut casing and install wellhead at 6:00 am morning. Release Aztec Drilling Rig 777 on 8/30/2018.

# HALLIBURTON

iCem<sup>®</sup> Service

**DUGAN PRODUCTION CORP-EBUS**

United States of America, NEW MEXICO

**For: MARTY FOUTZ**

Date: Wednesday, August 29, 2018

**PGA UNIT SWD #33**

SAN JUAN, PGA UNIT SWD #33

DUGAN

Job Date: Wednesday, August 29, 2018

Sincerely,

**LEMONT JOJOLA**

*The Road to Excellence Starts with Safety*

Sold To #: 301906		Ship To #: 3886792		Quote #: 0022480649		Sales Order #: 0905102724				
Customer: DUGAN PRODUCTION CORP-EBUS				Customer Rep: MARTYFOUTZ						
Well Name: PGA UNIT SWD 33			Well #: 004			API/UWI #: 30-045-35870-00				
Field: SWD		City (SAP): NAGEEZI		County/Parish: SAN JUAN			State: NEW MEXICO			
Legal Description: 33-24N-11W-271FSL-184FEL										
Contractor: AZTEC WELL SERVICING CO					Rig/Platform Name/Num: AZTEC 777					
Job BOM: 392189 392189										
Well Type: DISPOSAL WELL										
Sales Person: HALAMERICA/HX22823					Srvc Supervisor: Lemont Jojola					
<b>Job</b>										
Formation Name										
Formation Depth (MD)		Top			Bottom					
Form Type					BHST					
Job depth MD		6730ft			Job Depth TVD					
Water Depth					Wk Ht Above Floor					
Perforation Depth (MD)		From			To					
<b>Well Data</b>										
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		9.625	8.921	36			0	346		0
Casing		7	6.366	23			0	5215		0
Open Hole Section			8.75				352	6700		0
Casing		7	6.276	26			5215	6700		0
<b>Tools and Accessories</b>										
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make		
Guide Shoe	7			6700	Top Plug	7		HES		
Float Shoe	7				Bottom Plug	7		HES		
Float Collar	7				SSR plug set	7		HES		
Insert Float	7				Plug Container	7	1	HES		
Stage Tool	7				Centralizers	7		HES		
<b>Fluid Data</b>										
<b>Stage/Plug #: 1</b>										
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	11.5 lb/gal Tuned Spacer III	Tuned Spacer III	40	bbl	11.5	3.73		4		
1 lbm/bbl		D-AIR 5000, 50 LB SACK (102068797)								
150.82 lbm/bbl		BAROID 41 - 50 LB BAG(478095)								
36.10 gal/bbl		FRESH WATER								

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
2	Lead Cement	VARICEM (TM) CEMENT	450	sack	12.4	1.93		5	9.91
9.91 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
3	Tail Cement	HALCEM (TM) SYSTEM	75	sack	13.5	1.32		4	5.5
5.50 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
4	Displacement	Displacement	260	bbl	8.33				
<b>Cement Left In Pipe</b>	<b>Amount</b>	66 ft			<b>Reason</b>			Shoe Joint	
<b>Fluid Data</b>									
<b>Stage/Plug #: 2</b>									
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
1	Chemical Wash	Chemical Wash	40	bbl	8.4				
1000 gal/Mgal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
2	Fresh Water	Fresh Water	10	bbl	8.33				
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
3	Lead Cement	VARICEM (TM) CEMENT	350	sack	12.5	1.9		4	9.97
9.97 Gal		FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
4	Tail Cement	HALCEM (TM) SYSTEM	120	sack	13.5	1.34		4	6.03
6.03 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/mi n	Total Mix Fluid Gal	
5	Displacement	Displacement	126	bbl	8.33					
<b>Cement Left In Pipe</b>		<b>Amount</b>	66 ft		<b>Reason</b>			Shoe Joint		
<b>Mix Water:</b>		pH ##	<b>Mix Water:</b>		## ppm		<b>Mix Water Temperature:</b>			## °F °C
			<b>Chloride:</b>							
<b>Cement Temperature:</b>		## °F °C	<b>Plug Displaced by:</b>		## lb/gal kg/m <sup>3</sup> XXXX		<b>Disp. Temperature:</b>			## °F °C
<b>Plug Bumped?</b>		Yes/No	<b>Bump Pressure:</b>		#### psi MPa		<b>Floats Held?</b>			Yes/No
<b>Cement Returns:</b>		## bbl m <sup>3</sup>	<b>Returns Density:</b>		## lb/gal kg/m <sup>3</sup>		<b>Returns Temperature:</b>			## °F °C
<b>Comment</b>										

# Summary Report

**Crew:** \_\_\_\_\_  
**Job Start Date:** 08/29/2018 02:00 PM  
**Sales Order #:** 0905102724  
**WO #:** 0905102724  
**PO #:** NA  
**AFE #:** NA

<b>Customer:</b>	DUGAN PRODUCTION CORP- EBUS	<b>Field:</b>	SWD	<b>Job Type:</b>	CMT MULTIPLE STAGES BOM
<b>UWI / API Number:</b>	30-045-35870-00	<b>County/Parish:</b>	SAN JUAN	<b>Service Supervisor:</b>	Lemont Jojola
<b>Well Name:</b>	PGA UNIT SWD 33	<b>State:</b>	NEW MEXICO	<b>Cust Rep Name:</b>	MARTYFOUTZ
<b>Well No:</b>	004	<b>Latitude:</b>	36.263756	<b>Cust Rep Phone #:</b>	
		<b>Longitude:</b>	-107.999818		
		<b>Sect / Twn / Rng:</b>	33/24/11		

<b>Remarks:</b>		
<i>The Information Stated Herein Is Correct</i>	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	8/29/2018	02:00:00	USER					CEMENT CREW CALLED OUT
Event	2	Depart Yard Safety Meeting	Depart Yard Safety Meeting	8/29/2018	03:50:00	USER					SAFETY MEETING HELD WITH CEMENT CREW
Event	3	Depart Home for Location	Depart Home for Location	8/29/2018	04:00:00	USER					1-PICKUP 12251199, 1- RED TIGER 11528220, 3- BULK TRUCKS 10982742 - 10025031, 10897849 - 10025041, 12063932, 1 BIN 11381461 - 10713294
Event	4	Arrive At Loc	Arrive At Loc.	8/29/2018	05:30:00	USER					CEMENT CREW ARRIVES ON LOCATION, RIG AND CASING CREW ARE RUNNING IN HOLE WITH CASING AT TIME OF ARRIVAL
Event	5	Other	Tubulars	8/29/2018	05:35:00	USER					TD =6730 FT, CASING = 7" 23# SET @ 6700 FT, OH = 8 3/4", SJ = 66.5 FT, DV TOOL = 3172 FT, SURFACE = 9 5/8" 36# SET @ 346 FT
Event	6	Other	Water Test	8/29/2018	05:40:00	USER					TEMPERATURE = 56 DEGREES, CHLORIDES = 0, PH = 7
Event	7	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	8/29/2018	13:25:00	USER					SAFETY MEETING HELD WITH CEMENT CREW
Event	8	Rig-Up Equipment	Rig-Up Equipment	8/29/2018	13:35:00	USER					CEMENT CREW RIGS UP EQUIPMENT
Event	9	Pre-Job Safety Meeting	Pre-Job Safety Meeting	8/29/2018	15:09:58	USER	18.00	8.23	0.00	8.80	SAFETY MEETING HELD WITH EVERYONE ON LOCATION

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Created: Wednesday, August 29, 2018

Event	10	Start Job	Start Job	8/29/2018	15:15:46	COM5	17.00	8.22	0.00	8.80	
Event	11	Comment	Comment	8/29/2018	15:22:57	USER	-1.00	8.28	0.00	0.00	RIG CREW CIRCULATED WELL FOR 120 MINUTES, @93 SMP, WITH 472 PSI
Event	12	Pressure Test	Pressure Test	8/29/2018	15:34:48	USER	3939.00	7.91	0.00	2.50	PRESSURE TEST GOOD TO 3500 PSI
Event	13	Check Weight	Check Weight	8/29/2018	15:39:44	COM5	3479.00	7.98	0.00	2.50	CHECK CEMENT WEIGHT = 11.5#
Event	14	Pump Spacer	Pump Spacer	8/29/2018	15:42:58	USER	393.00	7.86	5.00	1.10	PUMPED 10 BBLS H2O
Event	15	Pump Spacer 1	Pump Spacer 1	8/29/2018	15:44:48	USER	424.00	10.23	5.90	1.00	PUMPED 40 BBLS TUNED SPACER III @ 11.5#
Event	16	Pump Lead Cement	Pump Lead Cement	8/29/2018	15:51:24	USER	491.00	12.62	5.90	0.90	450 SKS 1.93 CUFT/SK 9.91 GAL/SK = 155 BBLS @ 12.4# 106 BBLS H2O REQ
Event	17	Check Weight	Check Weight	8/29/2018	15:58:04	COM5	419.00	12.22	6.50	42.80	CHECK CEMENT WEIGHT = 12.4#
Event	18	Check Weight	Check Weight	8/29/2018	16:05:23	COM5	334.00	12.24	6.50	90.10	CHECK CEMENT WEIGHT = 12.4#
Event	19	Pump Tail Cement	Pump Tail Cement	8/29/2018	16:14:49	USER	165.00	12.65	2.40	152.50	75 SKS 1.32 CUFT/SK 5.5 GAL/SK = 17.6 BBLS @ 13.5# 9.8 BBLS H2O REQ
Event	20	Shutdown	Shutdown	8/29/2018	16:19:09	USER	128.00	12.98	0.00	19.60	SHUTDOWN DROP PLUG
Event	21	Clean Lines	Clean Lines	8/29/2018	16:19:59	USER	13.00	12.49	0.00	0.00	WASH PUMPS AND LINES
Event	22	Pump Displacement	Pump Displacement	8/29/2018	16:23:11	USER	46.00	7.97	6.90	0.80	CALCULATED 261 BBLS TO DISPLACE CEMENT, ACTUALLY PUMPED 150 BBLS H2O, 110 BBLS MUD, TANK TO TANK MARK TO MARK
Event	23	Bump Plug	Bump Plug	8/29/2018	17:06:07	USER	1457.00	10.10	3.10	260.50	CALCULATED 1353 PSI TO LAND PLUG, PLUG BUMPED @ 1457 PSI PRESSURED UP TO 1868 PSI

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Created: Wednesday, August 29, 2018

Event	24	Check Floats	Check Floats	8/29/2018	17:08:21	USER	1267.00	10.06	0.00	261.00	CHECK FLOATS, FLOATS HELD 1/2 BBLS BACK
Event	25	Shutdown	Shutdown	8/29/2018	17:10:43	USER	9.00	9.68	0.00	261.00	SHUTDOWN DROP MULTI STAGE OPENING TOOL WAIT 20 MINUTES
Event	26	Open Multiple Stage Cementer	Open Multiple Stage Cementer	8/29/2018	17:43:23	USER	505.00	9.89	8.20	11.50	OPEN TOOL, TOOL OPENED @ 550 PSI
Event	27	Circulate Well	Circulate Well	8/29/2018	17:44:33	USER	714.00	9.91	8.10	21.00	CIRCULATED 140 BBLS
Event	28	Cement Returns to Surface	Cement Returns to Surface	8/29/2018	17:45:32	USER	734.00	9.99	8.10	28.90	CALCULATED 75.4 BBLS OF CEMENT BACK TO SURFACE, ACTUALLY CIRCULATED 75 BBLS OF CEMENT BACK TO SURFACE
Event	29	Stop Pumping	Stop Pumping	8/29/2018	18:04:46	USER	124.00	9.90	0.00	141.20	SHUTDOWN
Event	30	End Job	End Job	8/29/2018	18:09:13	COM5	-4.00	9.99	0.00	0.00	

## 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 (bb/min)	Pump Stg Tot (bb)	Comments
Event	1	Start Job	Start Job	8/29/2018	22:28:11	COM5	1.00	8.30	0.00	0.00	
Event	2	Pre-Job Safety Meeting	Pre-Job Safety Meeting	8/29/2018	23:23:14	USER	3.00	8.29	0.00	0.00	SAFETY MEETING HELD WITH EVERYONE ON LOCATION
Event	3	Comment	Comment	8/29/2018	23:25:15	USER	3.00	8.29	0.00	0.00	RIG CREW CIRCULATED WELL FOR /// MINUTES, @ SMP, WITH /// PSI
Event	4	Start Job	Start Job	8/29/2018	23:27:59	COM5	5.00	8.25	0.00	0.00	
Event	5	Pressure Test	Pressure Test	8/29/2018	23:35:36	USER	2158.00	8.39	0.20	2.60	PRESSURE TEST GOOD TO /// PSI
Event	6	Pump Spacer	Pump Spacer	8/29/2018	23:38:18	USER	133.00	8.42	2.00	0.30	PUMPED 5 BBLS H2O
Event	7	Pump Spacer 1	Pump Spacer 1	8/29/2018	23:41:10	USER	242.00	8.44	2.40	1.40	PUMPED 40 BBLS CHEM WASH
Event	8	Pump Spacer Behind	Pump Spacer Behind	8/29/2018	23:51:09	USER	396.00	8.30	5.00	0.70	PUMP 10 BBLS H2O
Event	9	Pump Lead Cement	Pump Lead Cement	8/29/2018	23:53:05	USER	413.00	8.31	4.90	10.30	350 SKS 1.9 CUFT/SK 9.97 GAL/SK = 118 BBLS @ 12.5# 83 BBLS H2O REQ
Event	10	Check Weight	Check Weight	8/30/2018	00:02:41	COM5	285.00	12.49	5.00	47.40	CHECK CEMENT WEIGHT = 12.5#
Event	11	Pump Tail Cement	Pump Tail Cement	8/30/2018	00:17:21	USER	150.00	13.52	4.60	118.00	120 SKS 1.34 CUFT/SK 6.03 GAL/SK = 29 BBLS @ 13.5# 17 BBLS H2O REQ
Event	12	Shutdown	Shutdown	8/30/2018	00:22:37	USER	30.00	14.14	0.00	22.60	SHUTDOWN DROP PLUG
Event	13	Pump Displacement	Pump Displacement	8/30/2018	00:23:02	USER	73.00	9.65	5.00	1.00	CALCULATED 125 BBLS TO DISPLACE CEMENT, ACTUALLY PUMPED 126

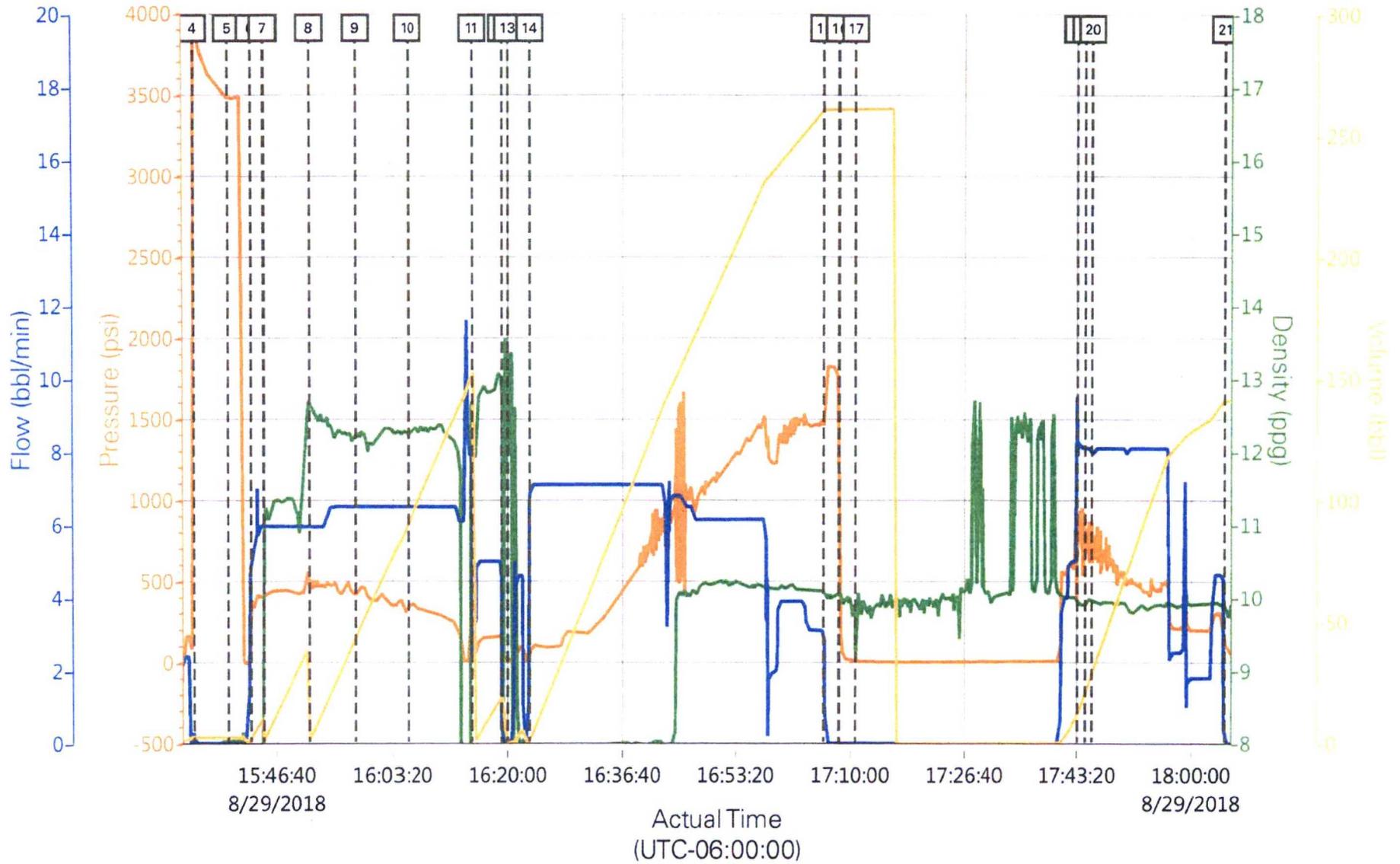
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(v. 4.5.139)

Created: Thursday, August 30, 2018

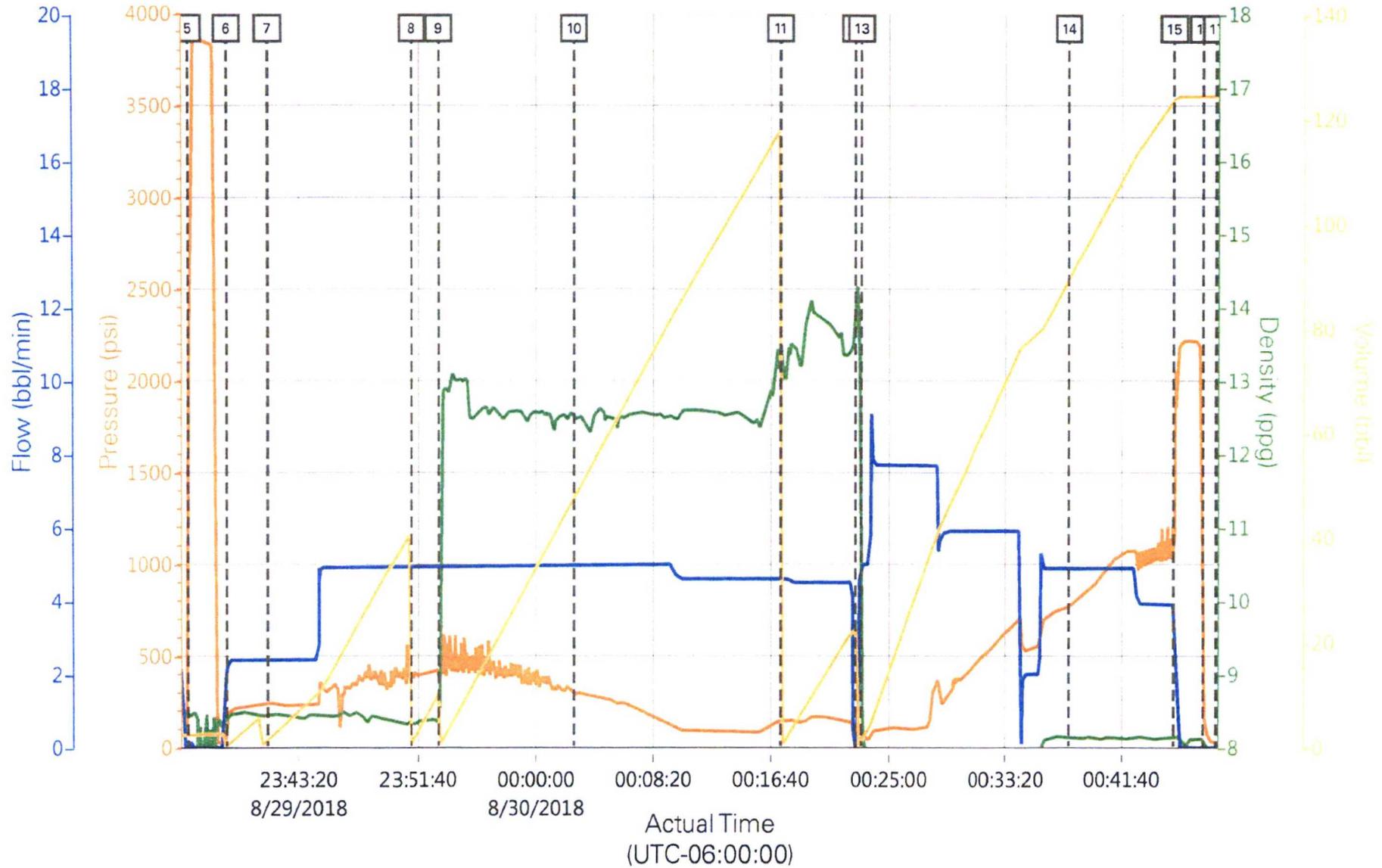
										BBLs TANK TO TANK MARK TO MARK	
Event	14	Cement Returns to Surface	Cement Returns to Surface	8/30/2018	00:37:52	USER	778.00	8.15	4.90	89.30	CALCULATED 62 BBLs OF CEMENT BACK TO SURFACE, ACTUALLY CIRCULATED 35 BBLs OF CEMENT BACK TO SURFACE
Event	15	Bump Plug	Bump Plug	8/30/2018	00:45:20	USER	1149.00	8.16	3.90	123.50	CALCULATED 742 PSI TO LAND PLUG, PLUG BUMPED @ 1165 PSI PRESSURED UP TO 2220 PSI
Event	16	Check Floats	Check Floats	8/30/2018	00:47:22	USER	322.00	8.08	0.00	124.30	CHECK FLOATS, FLOATS HELD 1 BBLs BACK
Event	17	Shutdown	Shutdown	8/30/2018	00:48:16	USER	17.00	8.03	0.00	124.30	SHUTDOWN END JOB, THANK YOU FOR CHOOSING HALLIBURTON LEMONT JOJOLA AND CREW
Event	18	End Job	End Job	8/30/2018	00:48:58	COM5	9.00	8.06	0.00	0.00	
Event	19	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	8/30/2018	01:45:00	USER					SAFETY MEETING HELD WITH CEMENT CREW
Event	20	Rig-Down Equipment	Rig-Down Equipment	8/30/2018	01:50:00	USER					CEMENT CREW RIGS DOWN EQUIPMENT
Event	21	Depart Location Safety Meeting	Depart Location Safety Meeting	8/30/2018	02:00:00	USER					SAFETY MEETING HELD WITH CEMENT CREW
Event	22	Depart Location	Depart Location	8/30/2018	02:05:00	USER					CENEMT CREW DEPARTS LOCATION

# DUGAN PGA UNIT SWD #33, PRODUCTION 1ST STAGE



PS Pump Press (psi) DH Density (ppg) PS Pump Rate (bbl/min) Pump Stg Tot (bbl)

# DUGAN PGA UNIT SWD 33, 2ND STAGE



PS Pump Press (psi) DH Density (ppg) PS Pump Rate (bbl/min) Pump Stg Tot (bbl)