

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD  
Hobbs

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.*

HOBBS OGD

JAN 16 2018

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

5. Lease Serial No. NMLC029519B
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. BLACK & TAN 27 FEDERAL COM 303H
9. API Well No. 30-025-43921
10. Field and Pool or Exploratory Area LEA, BONESPRING, S
11. County or Parish, State LEA COUNTY, NM

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator APACHE CORPORATION	
Contact: SORINA FLORES E-Mail: sorina.flores@apachecorp.com	
3a. Address 303 VETERANS AIRPARK LN #1000 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-818-1167
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 27 T20S R34E Mer NMP SESW 215FSL 2160FWL 32.537436 N Lat, 103.549659 W Lon	

RECEIVED

**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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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.

BLM-CO-1463 NMB-000736 NATIONWIDE

Attached are perf sqz charts for the Black & Tan Fed Com 303H for record. The two attempts were to squeeze leaking perfs in the 9.625 intermediate.

*was prior approval given? where are the location of the perfs?  
charts for casing test? submit more detailed information.*

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #398657 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Hobbs Committed to AFMSS for processing by JENNIFER SANCHEZ on 12/20/2017 ( )</b>	
Name (Printed/Typed) SORINA FLORES	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 12/20/2017
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>	
Approved By _____	Title _____
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 _____
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.	

ACCEPTED FOR RECORD

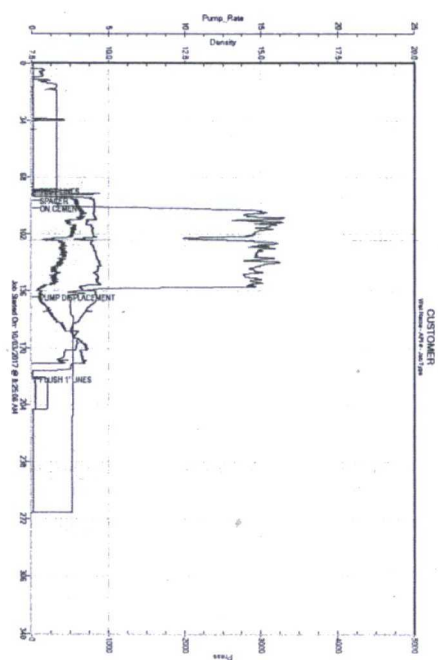
JAN 5 2018

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

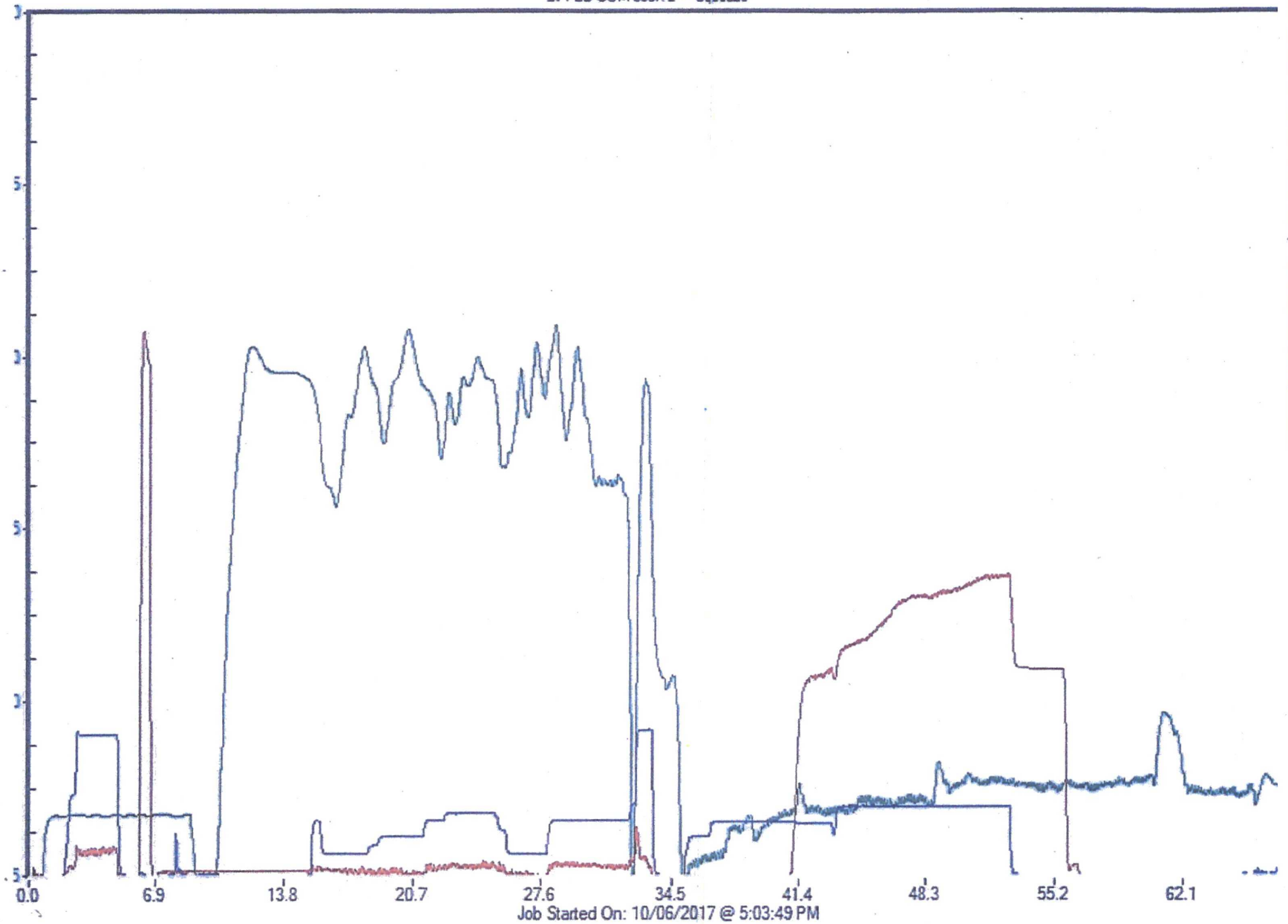
(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

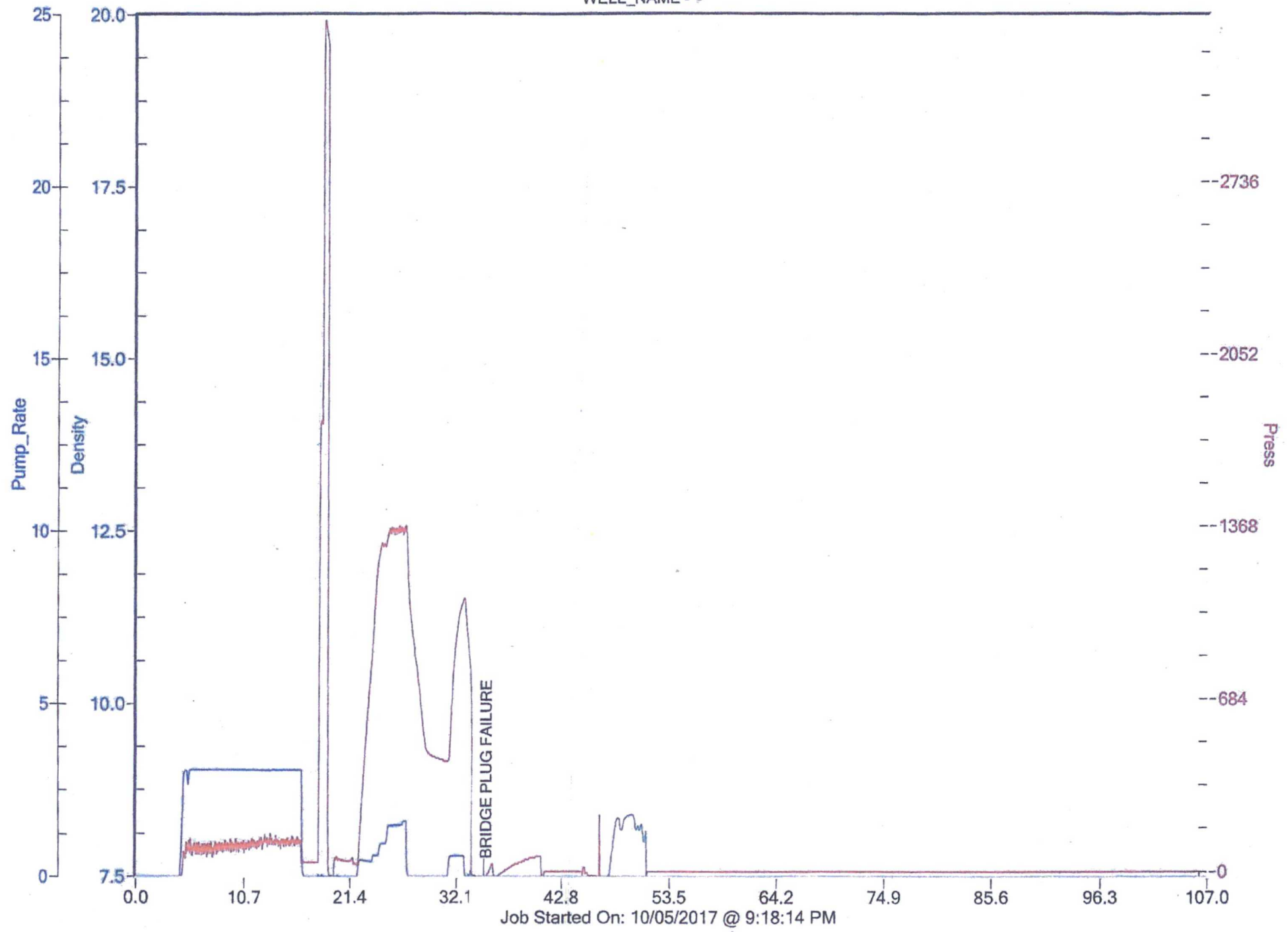
*Ka*



Apache Black Tan  
27 FED COM 303H 2 - - Squeeze



Apache  
WELL\_NAME - -







## Cement Job Summary

Job Purpose		05 Squeeze	
Customer:	APACHE	Date:	10/5/2017
Well Name:	Black Tan 27 Federal COM	Number:	#303H
County:	Lea	City:	0
Cust. Rep:	0	Phone:	0
Distance	70 miles (one way)	Rig Phone:	432-614-3620
		Supervisor	

Employees:	Emp. ID:	Title	Emp. ID:
SCOTT WOMELSDORF	#N/A	SERVICE SUPERVISOR	#N/A
MICAH GENTRY	9532	SERVICE SUPERVISOR II	9532
THADASES POPE	9603	#N/A	9603
MIGUEL CORTEZ	#N/A	#N/A	#N/A
ALEJANDRO HERNANDEZ	5187	CEMENT PUMP	5187
DAVID HERNANDEZ		BULK TRUCK	0
MIGUEL DOMINGEZ	#N/A	#N/A	#N/A

Equipment:
CEMENT PUMP CPF-212
BULK TRUCK

Materials - Pumping Schedule					
STAGE #1					
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Spacer 1	Fresh Water	20	8.33	n/a	n/a
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Lead 1	CLASS C PREMIUM PLUS	85	14.80	1.32	6.31
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)
Disp. 1	Fresh Water	35	8.34	n/a	n/a

Slurry: Lead 1		Slurry Name: CLASS C PREMIUM PLUS			
Quantity:	85 Sks	Blend Vol:		Blend Weight:	
Material	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM
CCCPP	Class C Premium Plus	94	Base Material	23500.0	lbm
Water	Mixing Water	6.31	gal/sk	1578.701898	gal

Job Purpose		05 Squeeze				
Customer:	APACHE			Date:	10/5/2017	
Well Name:	Black Tan 27 Federal COM		Number:	#303H	API/UWI:	
County:	Lea	City:	0		State:	NM
Cust. Rep:	0	Phone:	0	Rig Phone:	0	
Distance	70 miles (one way)		Supervisor		0	
Time	Activity Description	Rate (bpm)	Volume (bbl)	Pressure (psi)	Comments	
1900	Requested on Location					
1900	Arrive at Location					
19:10	Pre-Rig Up Safety Meeting					
19:30	Rig-Up Equipment					
20:30	Rig-Up Completed					
21:00	Pre-Job Safety Meeting					
21:20	Fill Drill pipe	2	32	100	H2O	
21:36	Shut down					
21:38	Pressure Test			3000	Good Test	
21:40	Sting into tool					



### Cement Job Summary

21:42	injection test	.5-1.5	5	1400	.5-1100 / 1-1260 / 1.5-1400
21:50	pump H2O	0.5	2	800	Got returns around plug
21:52	Shut down				Rig will drill out plug.
22:00	Crew stand by				
	10/5/2017				
16:50	pre job meeting				
17:06	re rig floor.				
17:10	pump H2O	4	10	0	H2O
17:12	Pump Lead Cement 1	2	20	0	14.8
17:32	pump H2O	4	5		8.32#
17:38	Sting into tool				
17:42	pump H2O	2	30	1680	8.32#
18:00	Shut down				
18:02	Sting out				
18:04	Rig down meeting				
18:40	Rig down complete				
19:20	leave loaction.				

#### COMMENTS:

Total Hours on Location	23	hrs
Rig Hours (Wait on Allied)	0	hrs
Float Collar Depth		ft
Plug Bumped		
Floats Held		
Average Displacement Rate	2	bpm
Mud Weight		lb/gal
Mud Type		

Cement Water Analysis		Guidelines:
Temperature	78	< 95 deg F
pH	7.8	6-8
Sulfates	1000	< 1800
Chlorides	2200	< 3000
Please make a call to managent if any of the water analysis falls outside of the guidelines.		