



TICKET	BCO-1812-0131
DATE	12/27/2018
CREW INFORMATION	
SUPERVISOR	Derek Scott
PUMP UNIT	445067
NUMBERS	
ARRIVAL (D&T)	12/27/18 6:55 AM
DEPARTURE (D&T)	12/27/18 10:35 AM

[illegible][illegible]

Date Signed

COUNTY	COMPANY	API Number
Weld	PDC ENERGY	05-123-25912
WELL NAME	RIG	JOB TYPE
Wells Ranch 13-10	Ranger 14	Plug to Abandon
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.41181 -104.43039	Derek Scott	Eduardo Chavez
EMPLOYEES		

WELL PROFILE

Max Treating Pressure (psi):	Bottom Hole Static Temperature (°F):
Bottom Hole Circulating Temperature (°F):	Well Type:

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	10.5		0	1802		
Tubing	2.375	4.7		0	1802		

CEMENT DATA

Stage 1:
 Type: **Balanced Plug**
 From Depth (ft): **1205** To Depth (ft): **1802**
 Volume (sacks): **40** Volume (bbls): **9.5**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% Type 3	14.8	1.33	6.32

Stage 2:
 Type: **Surface Plug**
 From Depth (ft): **0** To Depth (ft): **642**
 Volume (sacks): **51** Volume (bbls): **12**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% Type 3	14.8	1.33	6.32

Stage 3:
 Type: **Top Off**
 From Depth (ft): **0** To Depth (ft): **0**
 Volume (sacks): **7** Volume (bbls): **1.5**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% Type 3	14.8	1.33	6.32

Stage 4:
 Type:
 From Depth (ft): To Depth (ft):
 Volume (sacks): Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

SUMMARY


	Stage 1	Stage 2
Preflushes:		
16 bbls of Fresh Water	4.7	
Calculated Displacement (bbl):	4.7	
Actual Displacement (bbl):		
Total Preflush/Spacer Volume (bbl):	N/A	N/A
Total Slurry Volume (bbl):	N	
Total Fluid Pumped		
43.7		
Returns to Surface:		
Cement 1 bbls		

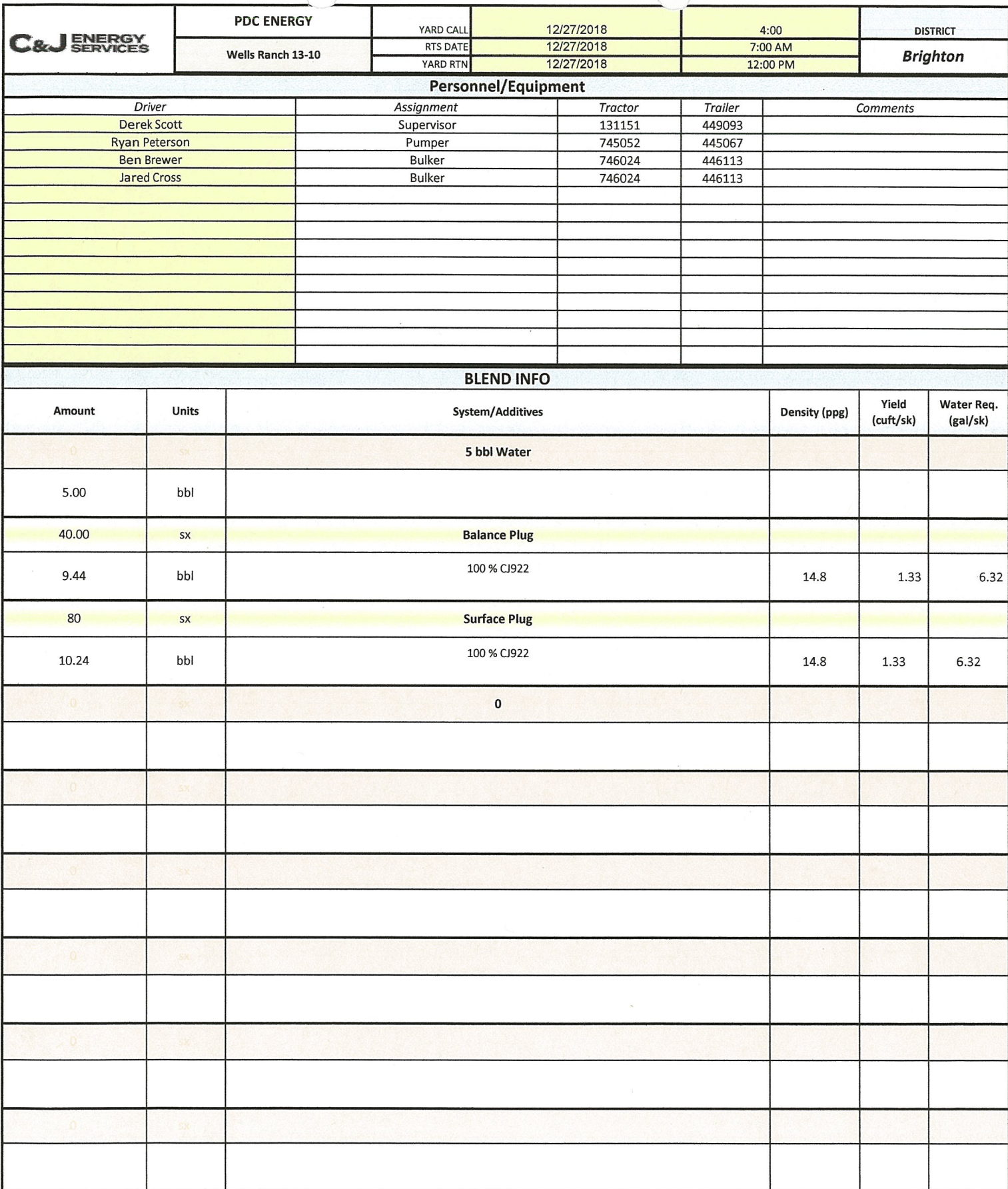
Job Notes (fluids pumped / procedures / tools / etc.):

Job went well.

Customer Representative Signature:

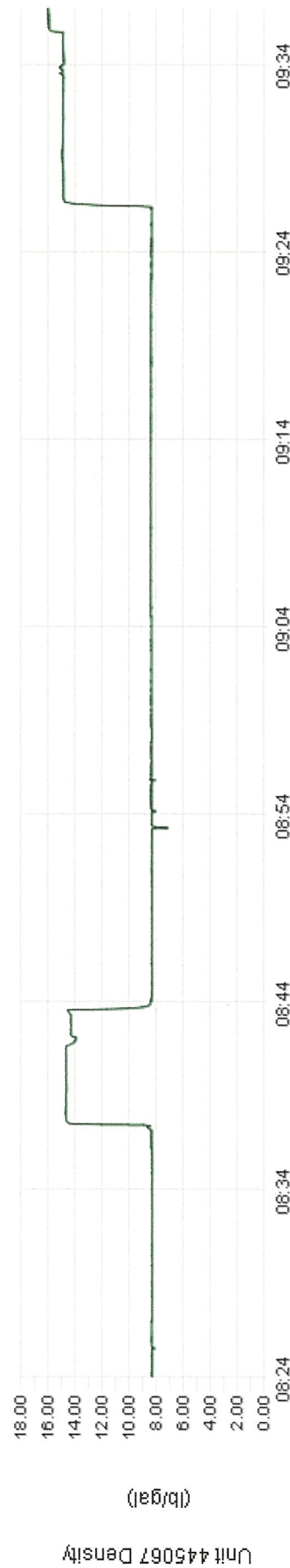
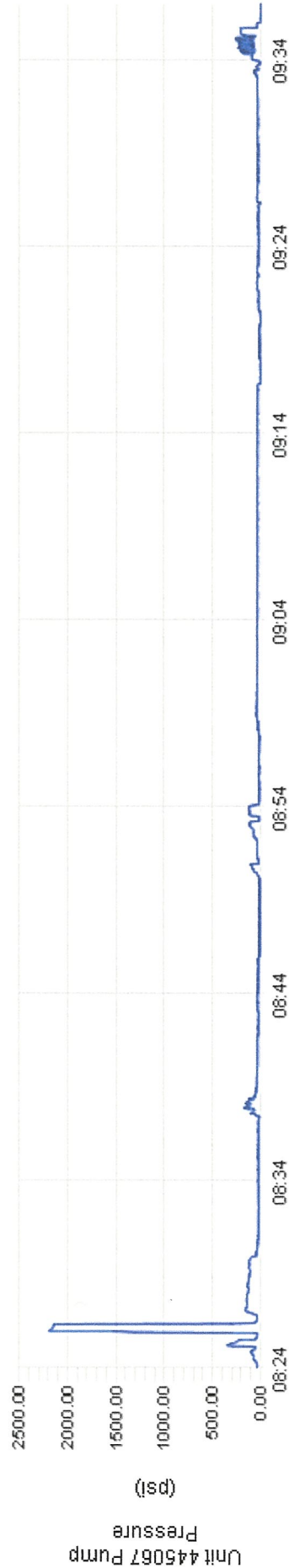
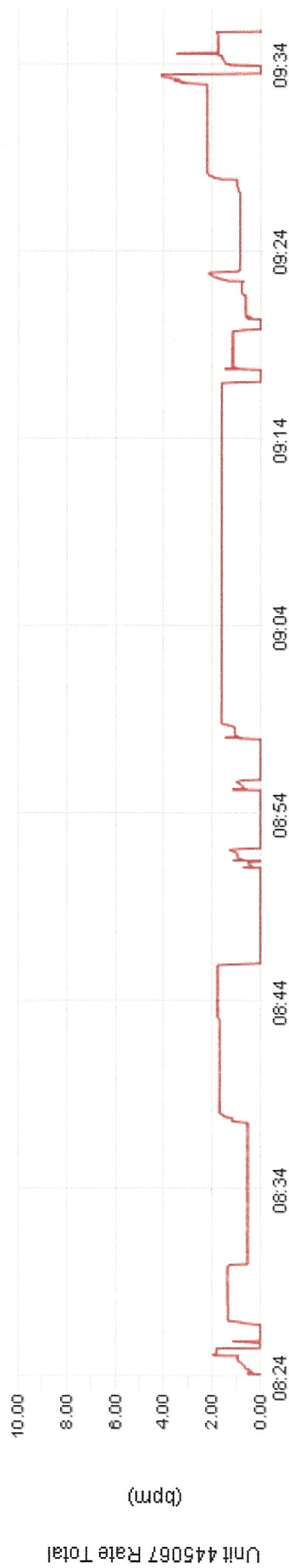
 Thank You For Using
 CJES O-TEX Cementing

	PDC ENERGY		YARD CALL	12/27/2018	4:00	DISTRICT			
	Wells Ranch 13-10		RTS DATE	12/27/2018	7:00 AM	Brighton			
			YARD RTN	12/27/2018	12:00 PM				
CUSTOMER INFORMATION			WELL INFORMATION		WELL DATA		1.08c TUBULAR DATA		
Customer Name	PDC ENERGY		API #:	05-123-25912	Casing Size	4.5	Size	Grade	
Customer #:	1000700		Field Name:	Wattenberg	Depth	1802	2 3/8	Weight	
AFE #:			Well Name:	Wells Ranch 13-10	TVD		4.7		
Cust Rep on Loc:	Eduardo Chavez		Well Type:	Oil	MD		1802		
Cust Phone #:	970-397-0599		Formation:		OH		Casing		
Order Placed By:	Eduardo Chavez		Rig Contractor:	Ranger	OH Depth		4.5" 10.5# (0' to 1802')		
Phone #:			Rig Name/Num.:	Ranger 14	BHST	60°F	CEMENTING PLUG		
Proposed Job Amt:	\$4,715.68		Rig Phone:		BHCT	0°F	Qty	Size	
JOB INFORMATION			County:	Weld	Est. BHST/BHCT		60°F / 0°F (API) (0.00°F/100ft)		
Ticket #:	BCO-1812-0131		State:	CO	MD / TVD	1,802 ft / 1,802 ft		TOP CONNECTION	
PO #:			Latitude:	40.41181	Mud Weight & Type			Size	Type
Order Taken By:	Laeger		Longitude:	-104	Open Hole			2 3/8	Swage
Order Date:	12/26/2018		Township:	NWSW 10 5N63W	Previous Casing	4.5 in. 10.5# (0 to 1,802 ft)		JOB TYPE	
CJES Acct. Manager:	Cody Michel		Quote Number:	1-BCO_181226104815	Plug to Abandon				
CJES Engineer	Cody Michel								
COMMENTS									
SPECIAL JOB INSTRUCTIONS									
100# Sugar									
DIRECTIONS TO WELL									
Directions to well with program									
Emergency Contacts									
Nearest Hospital			Greeley, Co			Phone Number:		911	
Police Department			Greeley, Co			Phone Number:		911	
Fire Department			Greeley, Co			Phone Number:		911	
Designated Emergency Vehicle			C&J Pickup			Vehicle Location: On location			
MSDS on Dash of Emergency Vehicle? (y/n)			Yes, on computer						
Muster Area #1		Lease Entrance							
Muster Area #2		Wind depending							
Cell Phone Service on location? (y/n)		Yes							
If not, nearest working phone									
Iron Tracking									
		Taken Out			Returned				
Iron Type	Taken By	Date Out	Time Out	Returned By	Date In	Time In			



4 of 5
12/27/2018

Client	PDC Energy	Supervisor	Derek Scott
Ticket No.	18120131	Unit No.	445067
Location	NWSW 10-5N-63W	Service District	Brighton, CO
Comments	See job log	Job Date	12/27/2018
Client Rep	Eduardo Chavez		
Well Name	Wells Ranch 13-10		
Job Type	Abandonment Plugs		





Daily Work Ticket

Report #

Customer Name PDC Energy		Customer AFE #		Date: 12/27/2018	
Mailing Address		City	State CO	Zip	County WELD
Field		Lease		Well WELLS RANCH 13-10	Order #
Work Description	Workover <input checked="" type="checkbox"/>	Rod <input type="checkbox"/>	Rod & Tubing <input type="checkbox"/>	Re-entry <input type="checkbox"/>	
	Swabbing <input type="checkbox"/>	Tubing <input checked="" type="checkbox"/>	Completion <input type="checkbox"/>	P & A <input checked="" type="checkbox"/>	

Description	Qty.	Rate Hr/Day/Ea	Total	Workover Equipment	Qty.	Rate Hr/Day/Ea	Total
Riq & Crew	6.00			BOP	1.00		
Extra Labor	6.50			Pump	@		
Riq Fuel	@			Tank	@		
Pump Fuel	@			Base Beam	1.00		
Cementing Services	@			Pipe Handler	@		
Extra Cement - Cementing Services	@			Loader	@		
P & A Bidded Cost	@			Pipe Racks	@		
ReCharge Items				Power Swivel	@		
Crew Travel	0.50			JU/Washington H	@		
Tool Pusher	@			Rod/TBG Tongs	@		
Per Diem	@			Adapter Flange	@		
Stripper Rubbers	@			Catwalk	@		
Pipe Wipers	1.00			Swabbing Equipment			
Tong Dies	@			Swab Cups - Size	@		
Slip Dies	@			OSR	@		
Safety Valve	@			Swabbing Acid	@		
Fishing Tools-Recharge	@			Fishing Tools	@		
Pipe Dope	@			Extra Tank	@		
Handling Equipment	@			Permits	@		
Gas Monitors and Pack	1.00						
Description				Discount:	\$0.00 (0.00%)		
Miscellaneous	@			TOTAL BILLABLE AMOUNT			

Description of Work Start Time 06:00 am Stop Time 12:30 pm

crew travel to location held safety meeting warm up rig and pump load the hole and circulate pressure test the plug to 1000 psi [good test] rig up cementers mix and pump 40 sxs @ 1800 , lay down 38 jts pump second plug @ 620, pump 55 sxs up to surface, lay down last 20 jts top of wash up equipment rig down tongs and work floor nipple down bop rig down rig pick up pump and hard line move off.

Payroll Section					
Employee	Rev Hours	Travel Hours	Non Rev Hours	Total	
Tool Pusher Hernandez Arana, Jesus	0.00	0.00	0.00	0.00	
Operator Garcia, Marco	6.00	0.50	0.00	6.50	
Derrick Hasoon, Leon	6.00	0.50	0.00	6.50	
FloorHand Medrano, Saul	6.00	0.50	0.00	6.50	
FloorHand Als, Jeremiah	6.00	0.50	0.00	6.50	

No Unreported Incidents Per My
Signature

Ranger Tool Pusher

Customer/Agent



Daily Work Ticket

Report #

Customer Name PDC Energy		Customer AFE #		Date: 12/26/2018	
Mailing Address	City	State CO	Zip	County WELD	
Field	Lease	Well WELLS RANCH 13- 10		Order #	
Work Description	Workover <input checked="" type="checkbox"/>	Rod <input type="checkbox"/>	Rod & Tubing <input type="checkbox"/>	Re-entry <input type="checkbox"/>	
	Swabbing <input type="checkbox"/>	Tubing <input checked="" type="checkbox"/>	Completion <input type="checkbox"/>	P & A <input checked="" type="checkbox"/>	

Description	Qty.	Rate Hr/Day/Ea	Total	Workover Equipment	Qty.	Rate Hr/Day/Ea	Total
Riq & Crew	11.0			BOP	1.00		
Extra Labor	12.0			Pump	1.00		
Riq Fuel	@			Tank	1.00		
Pump Fuel	@			Base Beam	1.00		
Cementing Services	@			Pipe Handler	@		
Extra Cement - Cementing Services	@			Loader	@		
P & A Bidded Cost	@			Pipe Racks	@		
ReCharge Items				Power Swivel	@		
Crew Travel	1.00			JU/Washington H	@		
Tool Pusher	@			Rod/TBG Tongs	@		
Per Diem	@			Adapter Flange	@		
Stripper Rubbers	@			Catwalk	@		
Pipe Wipers	1.00			Swabbing Equipment			
Tong Dies	@			Swab Cups - Size	@		
Slip Dies	@			OSR	@		
Safety Valve	@			Swabbing Acid	@		
Fishing Tools-Recharge	@			Fishing Tools	@		
Pipe Dope	1.00			Extra Tank	@		
Handling Equipment	@			Permits	@		
Gas Monitors and Pack	1.00						
Description				Discount: \$0.00 (0.00%)			
Miscellaneous	@			TOTAL BILLABLE AMOUNT			

Description of Work Start Time 06:00 am Stop Time 06:00 pm

crew travel to location held safety meeting warm up rig and pump, rig up rig- rig up pump and hard line check well pressure 1200 psi on casing, 950 psi on tubing, 0, psi on surface, bleed off pressure, pump down casing roll gas out and circulate hole to clean nipple down tree, nipple up bop rig up work floor and tongs pull out the hanger trip out 30 stands to derrick tally out, lay down 155 jts on trailer, rig up wire line did gauge ring run, set plug @ 6370, dump 2 sxs of cement on top of plug rig down wire line, trip in with 30 stands lay down 2 jts leave 58 jts in hole @ 1800 ft, shut in well drain pump and lines crew travel back home

Payroll Section					
Employee	Rev Hours	Travel Hours	Non Rev Hours	Total	
Tool Pusher Hernandez Arana, Jesus	0.00	0.00	0.00	0.00	
Operator Garcia, Marco	11.00	1.00	0.00	12.00	
Derrick Hascon, Leon	11.00	1.00	0.00	12.00	
FloorHand Medrano, Saul	11.00	1.00	0.00	12.00	
FloorHand Als, Jeremiah	11.00	1.00	0.00	12.00	

No Unreported Incidents Per My
Signature

Ranger Tool Pusher

Customer/Agent



Field Ticket #	23464	Date
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No. 23464

12/28/2018

Sater Tools and Services LLC, 2424 6th Ave greeley Co. 80631 **Office 970-356-4644** **Fax 970-356-0185**

[illegible]

Authorized Agent: _____ Date: _____

WALTER
CORPORATION

Walter Corporation, LLC 33250 CR 53 Gill, CO 80624

Office: 970.301.2028

Fax: 970.284.6682

Field Ticket # 23465

No. 23465

Date 12/28/2018

[illegible]

Authorized Agent: _____

Date: _____

