

AFE #			PO:		
LEASE NAME / NUMBER			API WELL NUMBER		
Rotharmel 21-32			05-123-27370		
SECTION	TOWNSHIP	RANGE	COUNTY, STATE		
32	7	66	Weld, CO		
WELL PERMIT NUMBER			JOB TYPE		
			Plug to Abandon		

TICKET	BCO-1901-0035
DATE	1/9/2019
CREW INFORMATION	
SUPERVISOR	Jeff Kopp
PUMP UNIT	445033
NUMBERS	
ARRIVAL (D&T)	1/9/19 6:58 AM
DEPARTURE (D&T)	

[illegible][illegible]

Customer Name Printed _____

Customer Signature _____

Date Signed _____



Job Summary

Ticket Number	Ticket Date
TN# BCO-1901-0035	1/9/2019

COUNTY	COMPANY	API Number
Weld	PDC ENERGY	05-123-27370
WELL NAME	RIG	JOB TYPE
Rotharmel 21-32	Ranger 3	Plug to Abandon
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.53672 -104.80569	Jeff Kopp	Eduardo Chavez
EMPLOYEES		

WELL PROFILE

Max Treating Pressure (psi):	1000	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)
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
Production	4 1/2	10.5		1724	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
Tubing	2 3/8	4.7		1724	0		

CEMENT DATA

Stage 1:	From Depth (ft):	1724	To Depth (ft):	0
Type: Surface Plug	Volume (sacks):	114	Volume (bbls):	27
	Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
		14.8	1.33	6.32

Stage 2:	From Depth (ft):	62	To Depth (ft):	0
Type: Top Off	Volume (sacks):	17	Volume (bbls):	4
	Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
		14.8	1.33	6.32

Stage 3:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	
	Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

Stage 4:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	
	Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

SUMMARY

Preflushes:	11 bbls of Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of	Actual Displacement (bbl):		
	bbls of			
Total Preflush/Spacer Volume (bbl):	11	Plug Bump (Y/N):	N/A	Bump Pressure (psi): N/A
Total Slurry Volume (bbl):	31	Lost Returns (Y/N):	N	(if Y, when)
Total Fluid Pumped	42			
Returns to Surface:	Cement 1 bbls			

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

Job went well. Pumped per customers request.

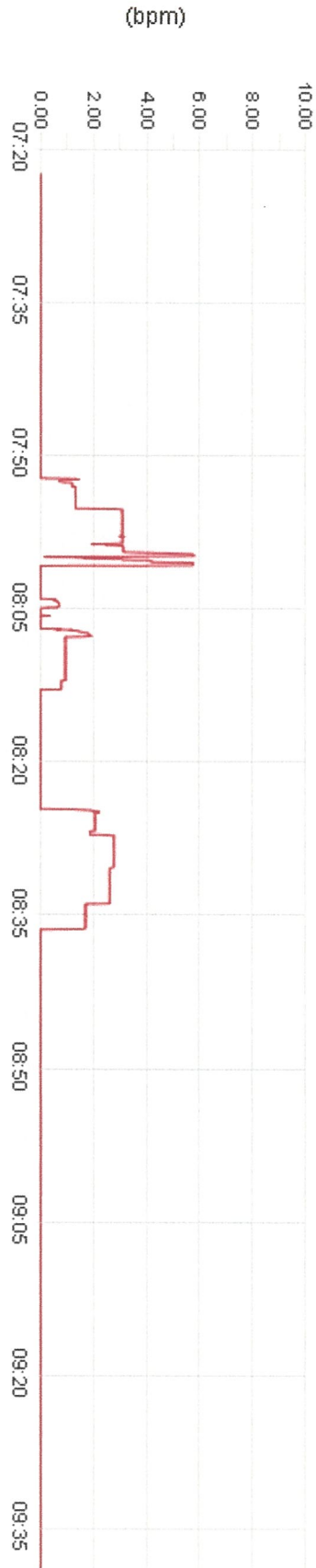
Customer Representative Signature:

Thank You For Using
CJES O-TEX Cementing

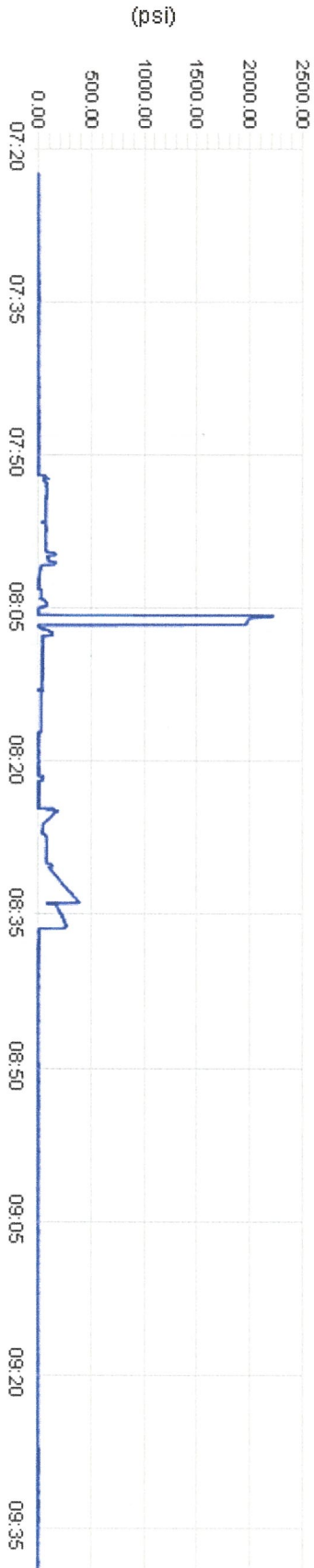


Client	PC Energy	Client Rep	Eduardo Chavez	Supervisor	Jeff Kopp
Ticket No.	19010035	Well Name	Rotharmel 21-32	Unit No.	445033
Location	NENW 32 7N66W	Job Type	Abandonment Plugs	Service District	Brighton Co
Comments		Job Date	01/09/2019		

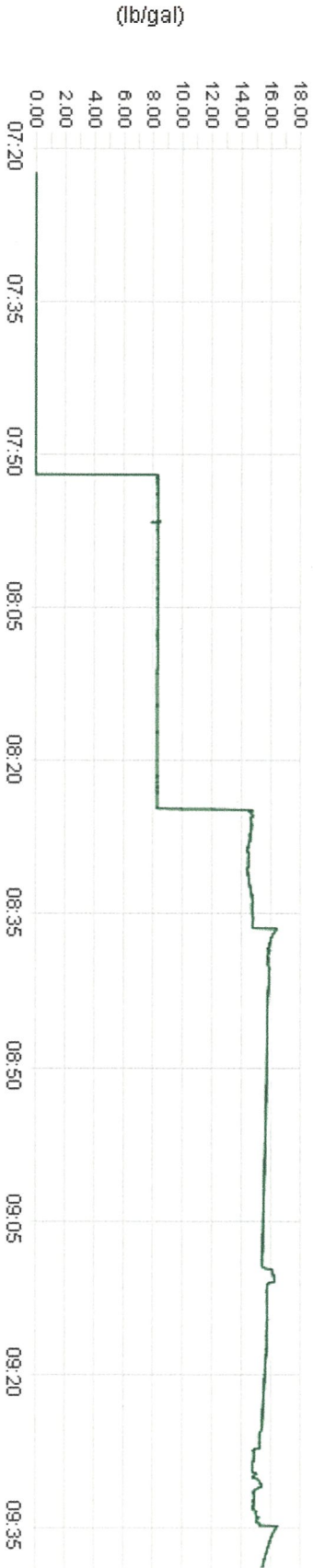
Unit 445033 Rate Total



Unit 445033 Pump Pressure



Unit 445033 Density



RANGER ENERGY SERVICES, LLC

WIRELINE DIVISION

3333 Center Dr
Milliken, Co



Service Date:

Company Name: PDC		Company Address:		Field Ticket Number: 30001951
Well Name: ROTHARMEL 21-32	Field: WATTENBERG	County: WELD	State: COLORADO	Rig Name & Number: RANGER #3
SERVICE NOTES: RIH WITH 3.63" GAUGE RING @ 7370' SET STS CIBP @ 7325' WITH 2SX CEMENT, SET STS CIBP @ 7000' WITH 2SX CEMENT			Date: 1/8/2019	Wireline Unit # 233 Engineer: A.REAGAN Operator: J.JOHNSON Operator: T. VAN NEST

RUN	CODE	DESCRIPTIONS	QTY	UNIT PRICE	DISCOUNT	AMOUNT
1	1000-001	Set Up Charge Cased Hole Unit	1			
	3000-001	Packoff Operation Charge0#-1000#	1			
	2000-003	API Type 6BX, 5,000 lb. WP 13-3/8" and smaller	1			
	8000-009	Junk Catcher / Gauge Ring Depth Charge	7370			
	8000-010	Junk Catcher / Gauge Ring Operation Charge	1			
	8000-001	Bridge Plug Depth Charge	7325			
	8000-002	Bridge Plug Operation Charge	1			
	8000-015	Setting Tool Rental, per tool	1			
	7000-006	Dump Bailer Depth Charge	7325			
	7000-007	Dump Bailer Operation Charge	1			
	8000-001	Bridge Plug Depth Charge	7000			
	8000-002	Bridge Plug Operation Charge	1			
	8000-015	Setting Tool Rental, per tool	1			
	7000-006	Dump Bailer Depth Charge	7000			
	7000-007	Dump Bailer Operation Charge	1			
	8000-014	Standard Set Power Charge	2			

Customer Signature:	Customer Name Printed: BERNIE CHAVEZ	Ranger Energy Services Representative Signature: JOEL JOHNSON
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The above estimated charges and data shown are subject to change by Ranger Energy Services, LLC. Payment terms are net 30 Days.



Field Ticket #
23966
Date
1/8/2019

23966

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

Bill To Customer:		PO#	Lease Name:	Rotharmel	Well #:	21-32
Address:			County:	CO	Invoice Ref. #:	
City:	CO	Zip:	Field:	St:	OCSG #:	
State:	CO	80620	Legal Description:	4-1/2 11.6#		
Ordered By:	Eduardo Chavez	27+74	Service Man:	MERCED TERRAZAS		
NO.	RENTALS/SALES	QTY	PRICE	DSC	TOTAL	
1	Rental of TIW valve	1				
2	Rental of 7-1/16 5K BOP adopter flange	1				
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
			Subtotal Taxable Charges			
SERVICE MANS TIME						
			Subtotal Non-Taxable Charges			
MILEAGE						
			Mileage	30		
			Subtotal Non-Taxable Charges			
Terms: Net 30 Days						

Authorized Agent: Eduardo Chavez

Date: _____