



Job Summary

Ticket Number	Ticket Date
TN# BCO-2004-0010	4/3/2020

COUNTY	COMPANY	API Number
WELD	PDC ENERGY	0512321803
WELL NAME	RIG	JOB TYPE
WELLS RANCH 42-5	Ensign 312	CM-P2A-PERM.
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.43031 -104.45375	Kacey Laeger	Matthew McGraw

EMPLOYEES		
<i>James Payne</i>		
<i>Jared Cross</i>		
<i>Cabe Culbertson</i>		

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)
Surface	8 5/8	24	J55	0	367		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	10.5	J55	0	1648		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Work string	2 3/8	4.7	J55	0	1648		

CEMENT DATA

Stage 1:	From Depth (ft):	0	To Depth (ft):	1648
Type: Shoe Plugs	Volume (sacks):	102	Volume (bbls):	24
Cement & Additives: Density (ppg) Yield (ft ³ /sk) Water Req.				

Stage 2:	From Depth (ft):	0	To Depth (ft):	150
Type: Surface Plug	Volume (sacks):	28	Volume (bbls):	6.6
Cement & Additives: Density (ppg) Yield (ft ³ /sk) Water Req.				

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

Stage 4:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	
Cement & Additives: Density (ppg) Yield (ft ³ /sk) Water Req.				

SUMMARY

Preflushes:	4 bbls of Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of	Actual Displacement (bbl):		
	bbls of	Plug Bump (Y/N):		Bump Pressure (psi):
Total Preflush/Spacer Volume (bbl):	4	Lost Returns (Y/N):		(if Y, when)
Total Slurry Volume (bbl):	30.6			
Total Fluid Pumped	34.6			
Returns to Surface:	Cement 1 bbls			

Job Notes (fluids pumped / procedures / tools / etc.): **Pressure test , pump 4 bbls h20 , pump 24bbls cemen t14.8 # to surface stop let rig trip out ofhole tie on surface casing squeeze 6.6bbls stop ,wash up, rig out leave loaction**

Customer Representative Signature: **Thank You For Using NexTier Completion Solutions**



Client
Ticket No.
Location
Comments

PDC
BCO-2004-0010
Brighton

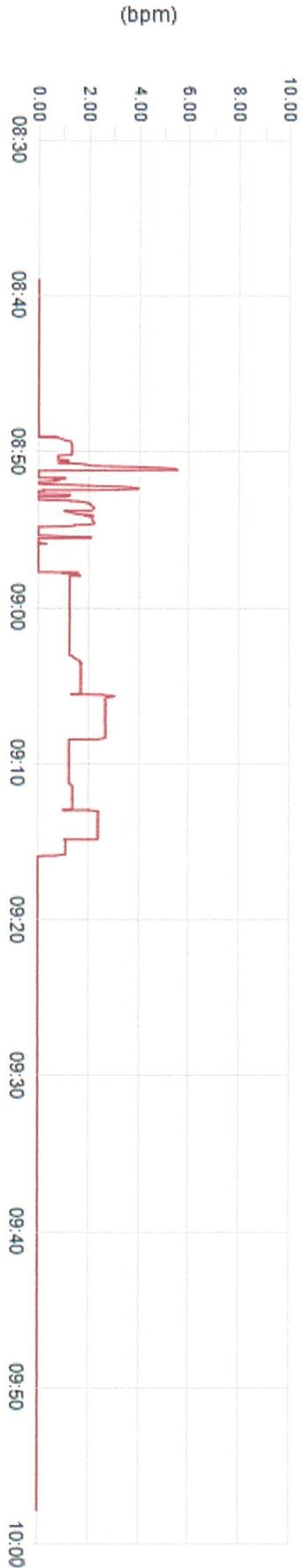
Client Rep
Well Name
Job Type

Mat Mcgraw
Wells Ranch 42-5
Abandonment Plugs

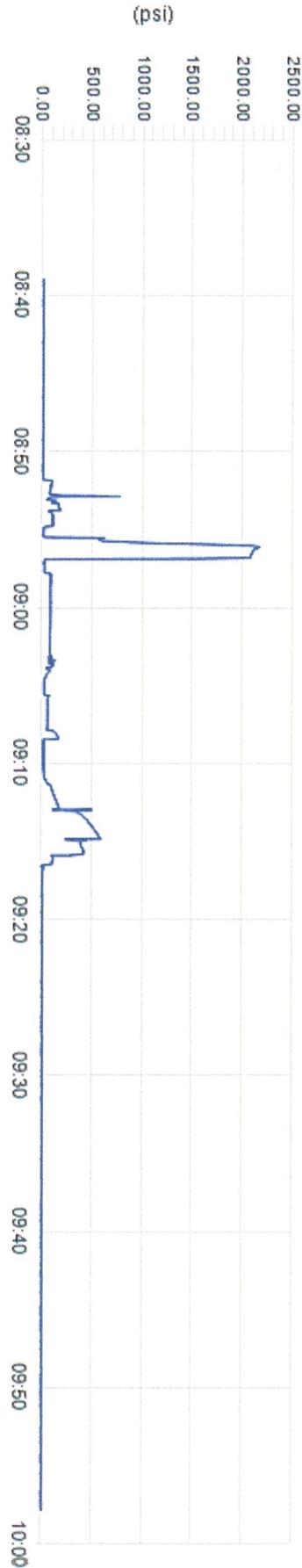
Supervisor
Unit No.
Service District
Job Date

Kacey Laeger
945063
Brighton
04/03/2020

Unit 945063 Rate Total



Unit 945063 Pump Pressure



Unit 945063 Density





CUSTOMER P. O. NUMBER	SERVICE ORDER 3049	PAGE 1 of 1
DATE 4/2/2020		

SureFire Wireline
You are hereby requested to perform or attempt to perform the following service(s) or furnish the following equipment:

SERVICE(S) AND/OR EQUIPMENT REQUESTED

CUSTOMER	COMPANY	PDC Energy, Inc		
FURNISHED	LEASE	0 Wells Ranch	WELL NUMBER	0 42-5
LEASE/WELL	API:	0		
INFORMATION	FIELD	Wattenberg	PARISH/COUNTY	WELD
			STATE	Colorado

THE UNDERSIGNED, HEREINAFTER REFERRED TO AS CUSTOMER AGREES TO PAY YOU FOR THE ABOVE SPECIFIED SERVICE(S) (INCLUDING LEASED EQUIPMENT) AND ANY ADDITIONAL SERVICE(S) REQUESTED, AT THE FIELD OFFICE OF SUREFIRE WIRELINE WEST COLORADO LLC., IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF YOUR CURRENT PRICE SCHEDULE. IN CONSIDERATION OF THE PRICES AS ARE SET OUT IN YOUR CURRENT APPLICABLE PRICE SCHEDULE WE CHOOSE TO BE BOUND BY THE TERMS AND CONDITIONS SET OUT IN THE CURRENT PRICE SCHEDULE (ALSO PRINTED ON THE REVERSE SIDE HEREOF), INCLUDING THE ASSUMPTION BY US OF THE LIABILITIES AND RESPONSIBILITIES CONTAINED IN THE RESPONSIBILITIES HEREIN ASSUMED BY US. WHEN SIGNED BY AN AGENT ON BEHALF OF CUSTOMER, SAID AGENT REPRESENTS THAT HE HAS FULL AUTHORITY FROM HIS PRINCIPAL TO EXECUTE SAME, IN THE ABSENCE OF AUTHORITY, THE SIGNER AGREES THAT HE SHALL BE OBLIGATED HEREUNDER AS CUSTOMER.

CUSTOMER NAME: PDC Energy, Inc

INVOICE MAILING ADDRESS: _____ CITY: _____ STATE: _____ ZIP CODE: _____

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE: _____

X Thank you for using SureFire Wireline!! Total runs, all pages **6**

THE ESTIMATED CHARGES AND DATA SHOWN ARE SUBJECT TO CORRECTION BY SUREFIRE WIRELINE WEST COLORADO ACCOUNTING

UNIT NUMBER: 803 OPERATION TYPE: DAYLIGHT WELL TYPE: WORKOVER TRIP: FIRST HOISTING TYPE: WORKOVER RIG ROUND TRIP MILEAGE: _____

Desc. NO.	PERF. INTERVAL	PLUG DEPTH	OPERATION	ITEM	QUAN.	UNIT PRICE	DISC.	DISC. PRICE	AMOUNT	SERVICE	FIRST READING	LAST READING	FOOTAGE DEL.
1			P - 5K Packoff	each	1					Plug			
2		6443'	P - Plug or Retainer - setting (3rd party)	each	1					Perf			
3			P - Dump Bailer (2 sxs Cement)	per run	1								
4		2500'	P - Plug or Retainer - setting (3rd party)	each	1								
5			P - Dump Bailer (2 sxs Cement)	per run	1								
6			P - Radial Cement Bond Log (2000'-6000')	each	1								
7	150-151'		P - Squeeze Gun - 1st Gun	each	1								
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													

STANDARD PRICING

Runs for this job: 6

CIBP & 2SX CMT 6443'

CIBP & 2SX CMT 2500'

CBL3500'-surface; 1-SqzGun

ESTIMATED TOTAL C

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE: MATT MCGRAW

SIGNATURE OF SUREFIRE WIRELINE ENGINEER: Schuman, Shawn

SIZE	WEIGHT	TYPE	FROM	TO	PERM. DEPTH DATUM	GROUND LEVEL	ELEV.	ELEV. K.B.
4 1/2		Casing 1						
		Casing 2						
		Tubing						
		Liner						
		Drill Pipe						

LOG MEAS. FROM	WHICH IS	ABOVE PERM DATUM	D.F.	G.L.
Fluid Type	Fluid Weight	Fluid Level	REMARKS	
	lbs/gal	feet	District doing job: Kersey, CO	
Bottom Hole Temperature			Line of Business: Completions	
Degrees F			Type of Job: Vertical P and A	
SUREFIRE ENGINEER NAMES			Class: Vert. Domestic	
Schuman, Shawn Crew 1			District job is in: Kersey, CO	
SUREFIRE OPERATORS			AFE#:	
Redfeam, Jeremiah Crew 3			Engineer: Schuman, Shawn	
Carlson, Ben Crew 4			MSA#:	
Crew 5				
Crew 6				