



CUSTOMER	PDC ENERGY
DISTRICT	3021
ADDRESS	821 WCR 27, Brighton, CO 80603
PHONE	303-857-7948

AFE # PA001327		PO:	
LEASE NAME / NUMBER		API WELL NUMBER	
Zahourek 32-31		512327286	
SECTION	TOWNSHIP	RANGE	COUNTY, STATE
31	7N	63W	WELD, COLORADO
WELL PERMIT NUMBER			
JOB TYPE		CM-P2A-PERM.	
Vehicle Type		Single	

TICKET	BCO-2001-0026
DATE	1/7/2020
CREW INFORMATION	
SUPERVISOR	Francisco Flores
PUMP UNIT	44-5063
NUMBERS	
ARRIVAL (D&T)	1/7/20 10:00 AM
DEPARTURE (D&T)	1/7/20 3:00 PM

Service & Equipment Charges

[illegible]

Materials & Products 13

[illegible]

Customer Stamp

Customer Name Printed

Customer Signature

Date Signed _____



Job Summary

Ticket Number	Ticket Date
TN# BCO-2001-0026	1/7/2020

COUNTY	COMPANY	API Number
WELD	PDC ENERGY	512327286
WELL NAME	RIG	JOB TYPE
Zahourek 32-31	Ensign 354	CM-P2A-PERM.
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.5325 -104.47669	Francisco Flores	Hector Terrazas

EMPLOYEES
<i>Tyler Ingalls</i>
<i>Kevin Pyfer</i>

WELL PROFILE

Max Treating Pressure (psi):	1000	Bottom Hole Static Temperature (*F):	
Bottom Hole Circulating Temperature (*F):		Well Type:	Oil

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	10	750	542		
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	8.625	24		542	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	10.5		1900	750		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		1900	0		

CEMENT DATA

Stage 1:	From Depth (ft):	1900	To Depth (ft):	1379	
	Type: Balance Plug				
	Volume (sacks):	35	Volume (bbls):	8.3	
Cement & Additives:			Density (ppg)	Yield (ft^3/sk)	Water Req.
100% CJ922			14.8	1.33	6.32

Stage 2:

Type: Surface Plug

From Depth (ft):

800

To Depth (ft):

0

Volume (sacks):

240

Volume (bbls):

57

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% CJ922	14.8	1.33	6.32

Stage 3:	From Depth (ft):	32	To Depth (ft):	0	
	Type: Top Off				
	Volume (sacks):	8	Volume (bbls):	2	
Cement & Additives:			Density (ppg)	Yield (ft^3/sk)	Water Req.
100% CJ922			14.8	1.33	6.32

SUMMARY

Preflushes:	10 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of		Actual Displacement (bbl):	5.3	
	bbls of			5.3	
Total Preflush/Spacer Volume (bbl):			Plug Bump (Y/N):		Bump Pressure (psi):
Total Slurry Volume (bbl):			Lost Returns (Y/N):		(if Y, when)
Total Fluid Pumped					
Returns to Surface:		Cement	2 bbls		

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

Balance plug- End of tubing@1900'. Mix & pump 35sx@14.8ppg 1.33Y. 521' of coverage inside production casing. ETOC@1379'. Surface plug- End of tubing@800'. Casing cut@750'. Mix & pump 240sx@14.8ppg 1.33Y. 50' of coverage inside production casing. 208' of O.H. coverage. 542' of surface casing. Brought cement to surface. Pumped job per customers request. Job went well. Thank you!

Thank You For Using
NexTier Completion Solutions

Customer Representative Signature: _____

NEXTier1/7/2020



CUSTOMER P. O. NUMBER

SERVICE ORDER

3004

PAGE

1 of 1

* Service charges include a daily per diem of \$30.00/employee and a daily catering charge (when provided by SureFire Wireline) of \$25.00/employee.

SureFire Wireline

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

DATE

01/06/2020

SERVICE(S) AND/OR EQUIPMENT REQUESTED

CUSTOMER	COMPANY	PDC ENERGY		
FURNISHED	LEASE	Zahourek	WELL NUMBER	32-31
LEASE/WELL	API:	05-123-27286		
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

INVOICE MAILING ADDRESS

CITY

STATE

ZIP CODE

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE

X

Thank you for using SureFire Wireline!!

Total runs, all pages

5

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

UNIT NUMBER		OPERATION TYPE:		WELL TYPE:		ROUND TRIP MILEAGE						
803		DAYLIGHT		WORKOVER								
		TRIP: FIRST		HOISTING TYPE: WORKOVER RIG								
WIRELINE DEPTH		MAX. WELLHEAD PRESSURE		PSI		BOTTOM HOLE PRESSURE:						
						PSI						
Desc. NO.	PERF. INTERVAL	PLUG DEPTH	OPERATION	ITEM	QUAN.	UNIT PRICE	DISC. PRICE	AMOUNT	SERVICE	FIRST READING	LAST READING	FOOTAGE DEL.
1			P - Packoff	each	1				Plug			
2		6904'	P - Plug or Retainer - setting (3rd party)	each	1				Perf			
3		6904'	P - Dump Bailer Cement (2 SXs)	per run	1							
4		6620'	P - Plug or Retainer - setting (3rd party)	each	1							
5		6620'	P - Dump Bailer Cement (2 SXs)	per run	1							
6	Cut - 750'		P - Jet Cutters (all)	each	1							
7												
8												
9												
10												
</												

STANDARD PRICING

Runs for this job
5

TOTAL D

ESTIMATED TOTAL C

THE SERVICE(S) AND/OR EQUIPMENT COVERED BY THIS SERVICE ORDER HAVE BEEN

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE

Hector

LOGS
RECEIVED
AT WELL

CUST. T

SUREFIRE ENGINEER

Meisner, Jacob

SIZE	WEIGHT	CASING/TUBING RECORD	PERM. DEPTH DATUM	GROUND LEVEL	ELEV.	ELEV K.B.
		FROM TO				
		Casing 1	LOG MEAS. FROM	WHICH IS	ABOVE PERM DATUM	D.F. G.L.
		Casing 2	Fluid Type	Fluid Weight	Fluid Level	REMARKS
		Tubing		lbs/gal	feet	District doing job: Kersey, CO
		Liner				Line of Business: Completions
		Drill Pipe	Bottom Hole Temperature	Degrees F		Type of Job: Vertical Perf. and Logging
SUREFIRE ENGINEER NAMES		WORK WITNESSED BY NAME		Class: Vert. Domestic		
Meisner, Jacob		Hector T.		District job is in: Kersey, CO		
Crew 1				AFE#:		
Crew 2				Engineer: Meisner, Jacob		
Crew 3				MSA#:		
Crew 4						
Crew 5						
Crew 6						