



Job Summary

Ticket Number	Ticket Date
TN# BCO-2001-0049	1/15/2020

COUNTY	COMPANY	API Number
WELD	PDC ENERGY	0512327288
WELL NAME	RIG	JOB TYPE
ZAHOUREK 22-31	Ensign 354	CM-P2A-PERM.
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.53239 -104.48261	Israel Davila	Hector Terrazas

EMPLOYEES		
<i>Garrick Williamson</i>		
<i>Kevin Piefer</i>		
<i>Mike Williams</i>		

WELL PROFILE			
Max Treating Pressure (psi):	1000	Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	old

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	1920		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		0	1920		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

CEMENT DATA

Stage 1: From Depth (ft): **1400** To Depth (ft): **1920**
 Type: **Balance Plug**
 Volume (sacks): **35** Volume (bbls): **8**

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

Stage 2: From Depth (ft): **0** To Depth (ft): **744**
 Type: **Surface Plug**
 Volume (sacks): **55** Volume (bbls): **13**

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

Stage 3: From Depth (ft): To Depth (ft):
 Type: **Top Off**
 Volume (sacks): **10** Volume (bbls): **2**

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

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

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

SUMMARY

Preflushes:	5 bbls of Fresh Water	Calculated Displacement (bbl):	5	Stage 1	Stage 2
	 bbls of 	Actual Displacement (bbl):	5		
	 bbls of 				
Total Preflush/Spacer Volume (bbl):	5	Plug Bump (Y/N):	N/A	Bump Pressure (psi):	N/A
Total Slurry Volume (bbl):	23	Lost Returns (Y/N):	N (if Y, when)		
Total Fluid Pumped	33				
Returns to Surface:	Cement	2 bbls			

Job Notes (fluids pumped / procedures / tools / etc.): Pumped 35 sx @ 14.8, 1.33 yield from 1400' to 1912' in 4.5" 10.5# casing. Displace 5 bbls to balance. Rig pulls tubing to 744'. Pump 55 sx @ 14.8, 1.33 yield from 744' to surface. Rig removes tubing. Top off Casing with 10 sx.

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

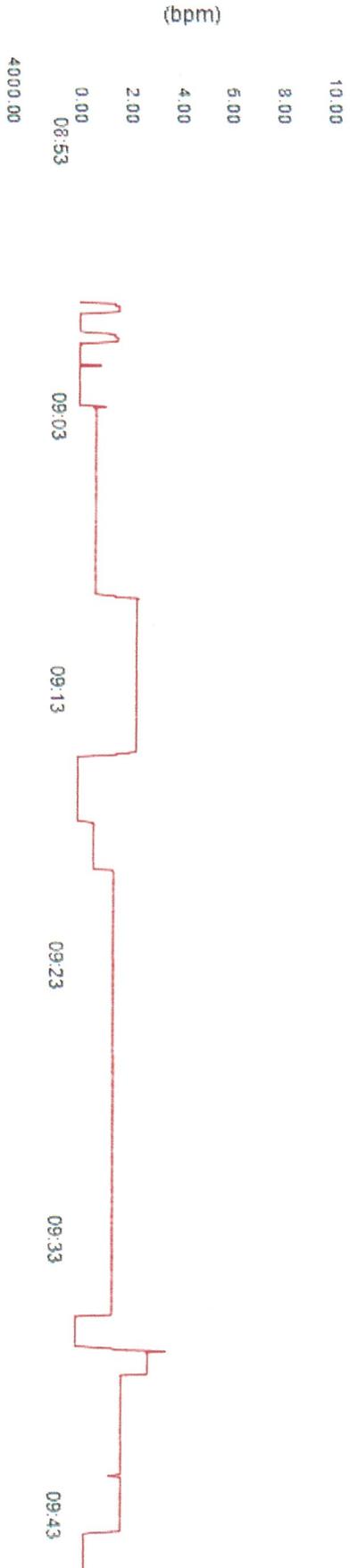


Client
Ticket No. 20010049
Location Sec 31-7N-63W
Comments See job log

Client Rep Hector
Well Name Zahourek 22-31
Job Type Abandonment Plugs

Supervisor Izzy
Unit No. 445070
Service District Brighton
Job Date 01/15/2020

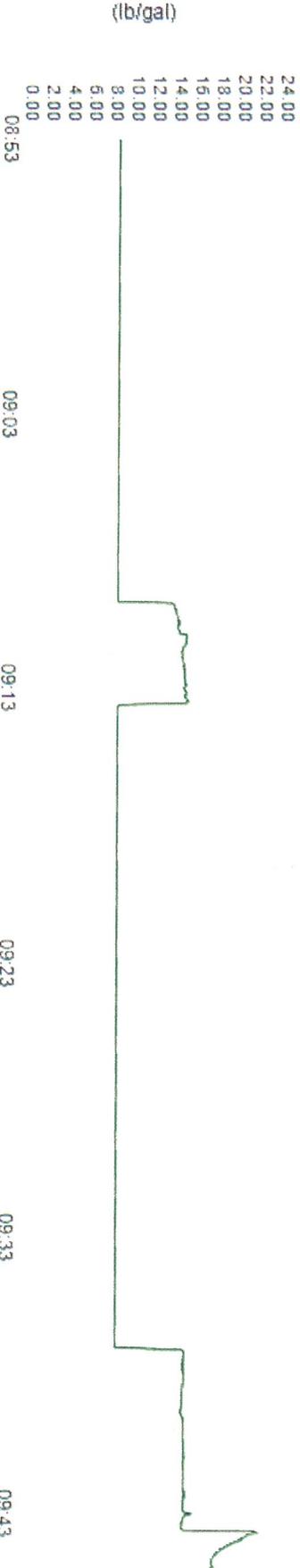
Unit 445070 Rate Total



Unit 445070 Pump Pressure



Unit 445070 Density





CUSTOMER P. O. NUMBER	SERVICE ORDER	PAGE
	3009	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.		DATE
SureFire Wireline You are hereby requested to perform or attempt to perform the following service(s) or furnish the following equipment:		01/14/2020

SERVICE(S) AND/OR EQUIPMENT REQUESTED

CUSTOMER	COMPANY	PDC ENERGY		
FURNISHED	LEASE	Zahourek	WELL NUMBER	22-31
LEASE/WELL	API:	05-123-27288		
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 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	Thank you for using SureFire Wireline!!	Total runs, all pages	4
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THE ESTIMATED CHARGES AND DATA SHOWN ARE SUBJECT TO CORRECTION BY SUREFIRE WIRELINE WEST COLORADO ACCOUNTING

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

WIRELINE DEPTH	MAX. WELLHEAD PRESSURE	PSI	BOTTOM HOLE PRESSURE:	PSI
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Desc. No.	PERF. INTERVAL	PLUG DEPTH	OPERATION	ITEM	QUAN.	UNIT PRICE	DISC.	DISC. PRICE	AMOUNT	SERVICE	FIRST READING	LAST READING	FOOTAGE DEL.
1			P - Packoff	each	1					Plug			
2		6881'	P - Plug or Retainer - setting (3rd party)	each	1					Perf			
3		6881'	P - Dump Bailer Cement (2 SXs)	per run	1								
4		6580'	P - Plug or Retainer - setting (3rd party)	each	1								
5		6580'	P - Dump Bailer Cement (2 SXs)	per run	1								
6													
7													
8													
9													
10													

STANDARD PRICE	ESTIMATED TOTAL
Runs for this job	4
TOTAL	

Was catering provided by Surefire Wireline West?
NO

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE	LOCS RECEIVED AT WELL	CUSTOMER
<i>[Signature]</i>	Hector	Meisner, Jacob

SIZE	WEIGHT	CASING/TUBING RECORD	TYPE	FROM	TO	PERM. DEPTH DATUM	GROUND LEVEL	ELEV.	ELEV K.B.
		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				Bottom Hole Temperature	Degrees F		Line of Business: Completions
		Drill Pipe							Type of Job: Vertical Perf. and Logging
SUREFIRE ENGINEER NAMES		WORK WITNESSED BY NAME						Class: Vert. Domestic	
Meisner, Jacob		Crew 1		Hector T.				District job is in: Kersey, CO	
		Crew 2						AFE#:	
		Crew 3						Engineer: Meisner, Jacob	
		Crew 4						MSA#:	
		Crew 5							
		Crew 6							