



Job Summary

Ticket Number	Ticket Date
TN# BCO-2001-0069	1/17/2020

COUNTY	COMPANY	API Number
WELD	PDC ENERGY	512327302
WELL NAME	RIG	JOB TYPE
ZAHOUREK 12-31	Ensign 354	CM-P2A-PERM.
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.53183 -104.48664	Israel Davila	Hector Terazzas

EMPLOYEES		
<i>Garrick Williamson</i>		
<i>Kevin Piefer</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	1910		
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	1910		

CEMENT DATA

Stage 1:	From Depth (ft):	1400	To Depth (ft):	1910
Type: Balance Plug	Volume (sacks):	35	Volume (bbls):	8
Cement & Additives:				
Type III				
	Density (ppg)	14.8	Yield (ft³/sk)	1.33
	Water Req.	6.32		

Stage 2:	From Depth (ft):	0	To Depth (ft):	745
Type: Surface Plug	Volume (sacks):	60	Volume (bbls):	14
Cement & Additives:				
Type III				
	Density (ppg)	14.8	Yield (ft³/sk)	1.33
	Water Req.	6.32		

Stage 3:	From Depth (ft):		To Depth (ft):	
Type: Top Off	Volume (sacks):	10	Volume (bbls):	2
Cement & Additives:				
Type III				
	Density (ppg)	14.8	Yield (ft³/sk)	1.33
	Water Req.	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:	8 bbls of Fresh Water	Calculated Displacement (bbl):	5	Stage 1	Stage 2
	bbls of	Actual Displacement (bbl):	5		
Total Preflush/Spacer Volume (bbl):	8	Plug Bump (Y/N):	n/a	Bump Pressure (psi):	n/a
Total Slurry Volume (bbl):	24	Lost Returns (Y/N):	n	(if Y, when)	
Total Fluid Pumped	37				
Returns to Surface:	Cement	1	bbls		

Job Notes (fluids pumped / procedures / tools / etc.): Pumped 35 sx @ 14.8, 1.33 yield from 1910' to 1400'. Displace to balance plug. Rig pulls tubing to 745'. Pump 60 sx @ 14.8 from 745' to surface. Rig removes tubing. Top off 4.5" casing with 10 sx.

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

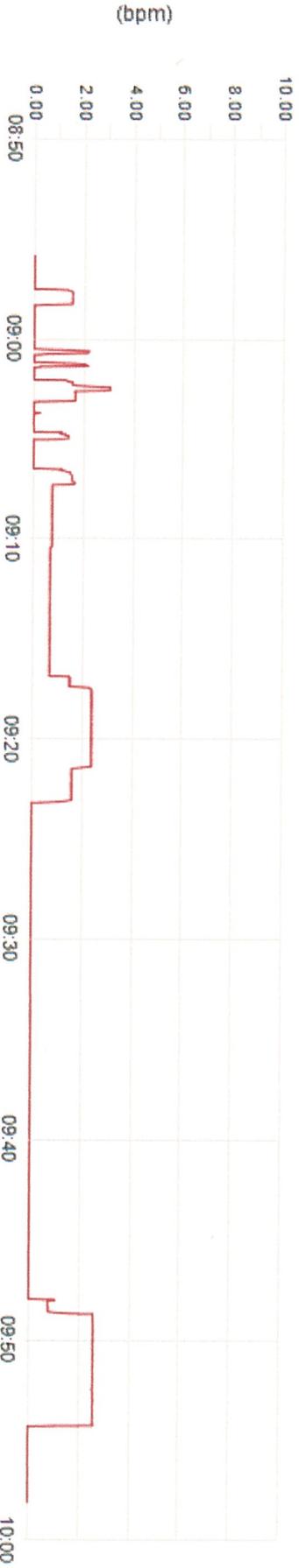


Client PDC
Ticket No. 20010069
Location Sec 31-7N-63W
Comments See job log

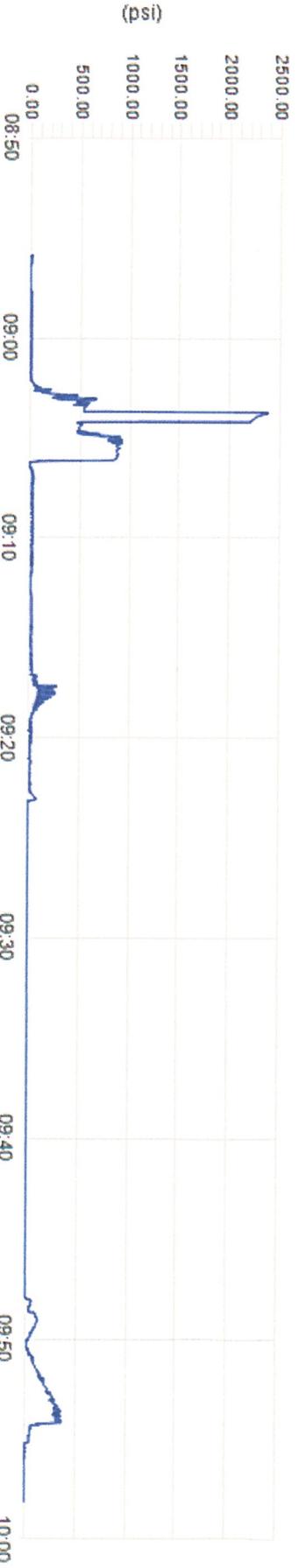
Client Rep Hector
Well Name Zahourek 12-31
Job Type Abandonment Plugs

Supervisor Izzy Davila
Unit No. 445070
Service District Brighton
Job Date 01/17/2020

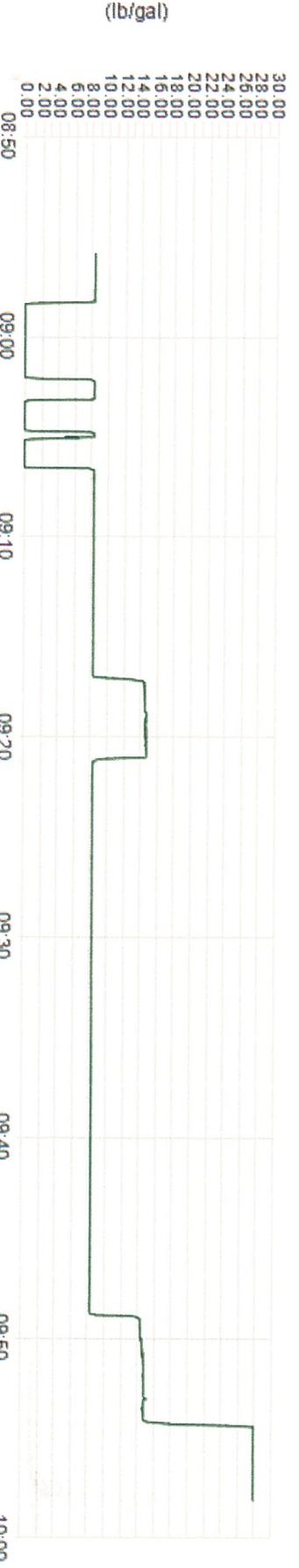
Unit 445070 Rate Total



Unit 445070 Pump Pressure



Unit 445070 Density





CUSTOMER P. O. NUMBER	SERVICE ORDER	PAGE
	3011	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 01/16/2020

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		
FURNISHED	LEASE	Zahourek	WELL NUMBER	12-31
LEASE/WELL	API:	05-123-27302		
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 THEREUNDER 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 4

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:	HOISTING TYPE:	
	FIRST	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. PRICE	AMOUNT	NO. GUNS	SHOTS FIRED	TYPE CHRG.	SIZE
1			P - Packoff	each	1							
2		6890'	P - Plug or Retainer - setting (3rd party)	each	1							
3		6890'	P - Dump Bailer Cement (2 SXs)	per run	1							
4		6595'	P - Plug or Retainer - setting (3rd party)	each	1							
5		6595'	P - Dump Bailer Cement (2 SXs)	per run	1							
6												
7												
8												
9												
10												

STANDARD PRICING TO TOTAL D

Runs for this job 4

ESTIMATED TOTAL C

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE
 Hector
 LOGS RECEIVED AT WELL
 CUSTOMER'S SIGNATURE
 Meisner, Jacob

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

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 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		