



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		
Production	4.5	10.5		1900	750		
Tubing	2.375	4.7		1900	0		

CEMENT DATA

Stage 1:
Type: **Balance Plug**

From Depth (ft): **1900** To Depth (ft): **1379**
Volume (sacks): **35** Volume (bbls): **8.3**

Cement & Additives:	Density (ppg)	Yield (ft³/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:
Type: **Top Off**

From Depth (ft): **32** To Depth (ft): **0**
Volume (sacks): **8** Volume (bbls): **2**

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

SUMMARY

Preflushes:	10 bbls of Fresh Water	Calculated Displacement (bbl):	5.3	Stage 1	Stage 2
	0 bbls of 	Actual Displacement (bbl):	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: _____



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.		DATE 01/06/2020
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 FURNISHED LEASE/WELL INFORMATION	COMPANY	PDC ENERGY		
	LEASE	Zahourek	WELL NUMBER	32-31
	API:	05-123-27286		
	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			

<input checked="" type="checkbox"/>	Thank you for using SureFire Wireline!!	Total runs, all pages	5
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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	ROUND TRIP MILEAGE
TRIP: FIRST	HOISTING TYPE: WORKOVER RIG		

Desc. NO.	PERF. INTERVAL	PLUG DEPTH	OPERATION	ITEM	QUAN.	PSI		PSI		SERVICE	FIRST READING	LAST READING	FOOTAGE DEL.
						UNIT PRICE	DISC.	DISC. PRICE	AMOUNT				
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	TOTAL D	ESTIMATED TOTAL C
Runs for this job	5	NO

Was catering provided by Surefire Wireline West?
NO

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