



Service Contract Receipt
SCHLUMBERGER TECHNOLOGY CORPORATION

Service Contract Number
E7RM-00422

Invoice Mailing Address: CRESTONE PEAK RESOURCES OPERATING, LLC-EDI ONLY 1801 CALIFORNIA ST, STE 2500 DENVER 80202-2638		Left District	Date: 28-Dec-2020	Time: 7:00 AM
		Arrive Location	Date: 28-Dec-2020	Time: 8:00 AM
		Start Job	Date: 28-Dec-2020	Time: 8:15 AM
		Complete Job	Date: 28-Dec-2020	Time: 11:45 AM
		Leave Location	Date: 28-Dec-2020	Time: 12:00 PM
		Arrived District	Date: 28-Dec-2020	Time: 1:00 PM
		Service Description Remedial Squeeze		
Customer PO 1	Contract	Well Name & Number Kats B Unit 2		Field
AFE	Cust Ref	County / Parish / Block / Borough		State / Province
Customer or Authorized Representative Carl Rayas		Schlumberger Location CHEYENNE WY PLANT 2070		Legal Location
API / UWI	Pricebook BYNP / RPS_GEOREF_USL_2018_USD			Rig Workover Rig
Service Instructions: Sqz from 7556 ft to 7242 ft 5 bbl water/ 31.3 bbl cmt @15.8ppg 115sks 1.53y 6.35gps/ 25 bbl disp. Plug 1 from 4825 ft to 4470ft 5 bbl water/ 5.5 bbl cmt @15.8ppg 1.53y 6.35gps 20sks/ 17 bbl disp.				

THE ESTIMATED CHARGES AND DATA SHOWN BELOW ARE SUBJECT TO CORRECTION BY SCHLUMBERGER

Item	Description	Quantity	UOM	Price	Discount	Amount
Products						
D065	D065, TIC Dispersant	26	LB	5.280	78.00%	30.20
D066	D066, Silica Flour	4606	LB	0.760	78.00%	770.12
D208	ScavengerPlus D208	3	LB	87.360	78.00%	57.66
D800	D800, Mid-Temperature Retarder	55	LB	8.050	78.00%	97.40
D907	CLASS G CEMENT	140	CF	54.150	78.00%	1,667.82
D047	LIQUID ANTIFOAM	10	GA	98.650	78.00%	217.03
Products Subtotal:						12,910.17
Discount:						10,069.94
Products Total:						2,840.23
Services						
102871201	Time Period 1: hours per crew, on location, outside operating time	4	HR	2,900.00	65.00%	4,060.00
Services Subtotal:						11,600.00
Discount:						7,540.00
Services Total:						4,060.00

Total (Before Discount):	24,510.17		
Discount:	17,609.94		
Special Discount:	0.00	Estimated Total (USD):	6,900.23

Estimated Total (USD): 6,900.23

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DATE RECEIVED	
Date	12/29/2020
Well Name	Kats B Unit 2
AFE/LOE	16192931.1
BillCat	9621
Signature	carl rayas

Signature of Customer Authorized Representative:

Signature of Schlumberger Representative:

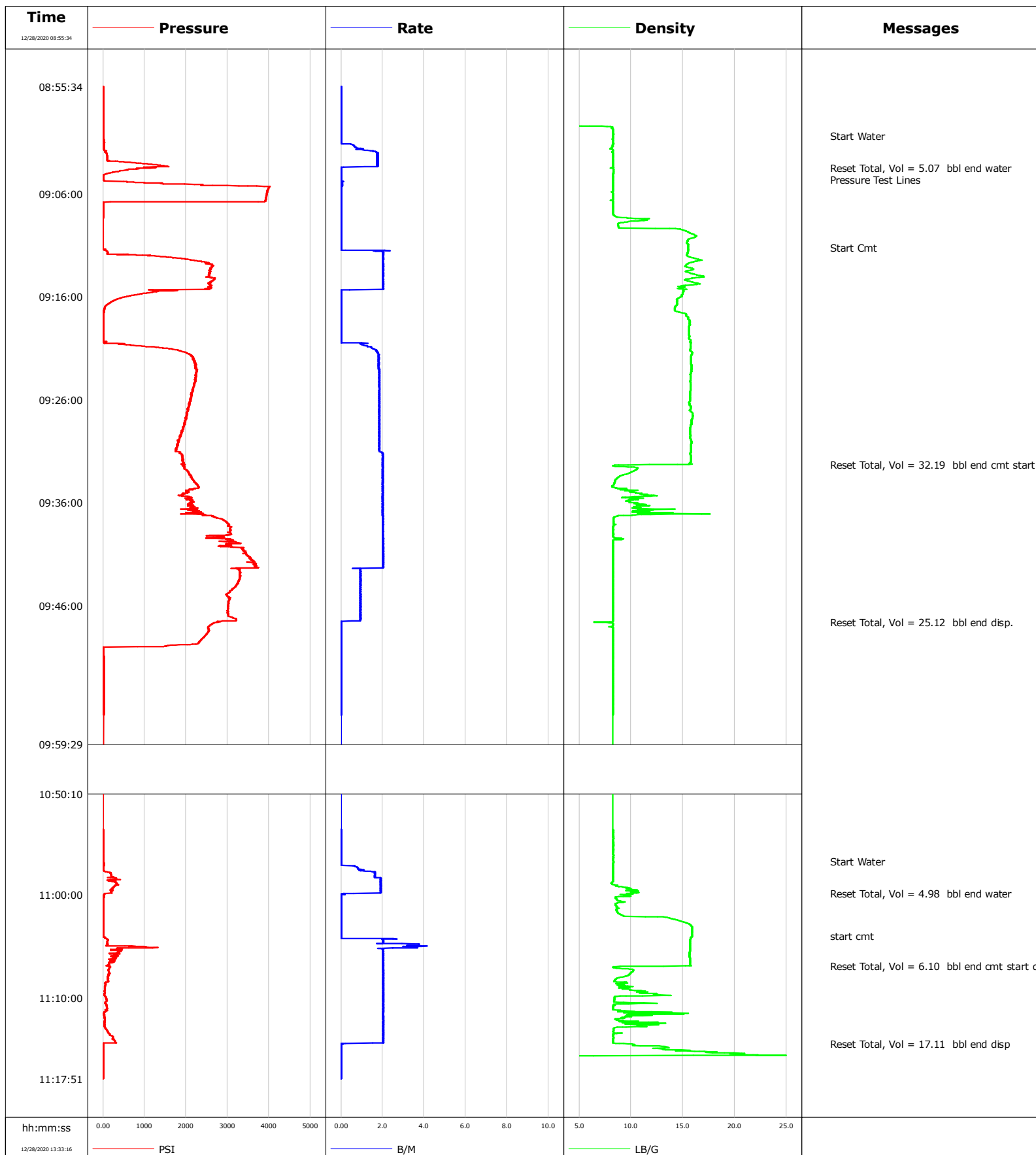
Carl Rayas

Date

Richard White

Date

Well	Kats B Unit 2	Client	Crestone
Field	DJ	SIR No.	E7RM-00422
Engineer	Richard White	Job Type	P A
Country	United States	Job Date	12-28-2020



				Customer Crestone		Job Number E7RM-00424		
Well Kats B Unit 2			Location (legal) CWY		Schlumberger Location Cheyenne		Job Start Dec/28/2020	
Field DJ		Formation Name/Type		Deviation deg	Bit Size in	Well MD 2800.0 ft	Well TVD 2800.0 ft	
County Weld		State/Province Colorado		BHP psi	BHST 90 degF	BHCT 80 degF	Pore Press. Gradient lb/gal	
Well Master 1234		API/UWI						
Rig Name Workover		Drilled For Oil and Gas		Service Via Land		Casing/Liner		
Offshore Zone		Well Class Old		Well Type Other				
Drilling Fluid Type Other		Max. Density 8.40 lb/gal		Plastic Viscosity cP		Tubing/Drill Pipe		
Service Line Cementing		Job Type P & A Stub						
Max. Allowed Tub. Press psi		Max. Allowed Ann. Press psi		WH Connection 2 3/8" 4.7# T/S		Perforations/Open Hole		
Service Instructions Plug from 2800 ft to 2437 ft 5 bbl water 21.9 bbl cmt @15.8ppg 1.23y 100sks 5.23gps 37.2 bbl disp.		Top, ft		Bottom, ft		shot/ft		
		ft		ft		ft		
		ft		ft		ft		
		ft		ft		ft		
		Treat Down Casing		Displacement 37.2 bbl		Packer Type		Packer Depth ft
		Tubing Vol. bbl		Casing Vol. bbl		Annular Vol. bbl		Openhole Vol. bbl
Casing/Tubing Secured <input type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job		
Lift Pressure psi				Shoe Type		Squeeze Type		
Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Depth ft		Tool Type		
No. Centralizers		Top Plugs		Bottom Plugs		Stage Tool Type		
						Tool Depth ft		
Cement Head Type				Stage Tool Depth ft		Tail Pipe Size in		
Job Scheduled For Dec/28/2020		Arrived on Location Dec/28/2020		Leave Location Dec/28/2020		Collar Type		
						Tail Pipe Depth ft		
						Collar Depth ft		
						Sqz. Total Vol. bbl		
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density PSI	Volume BBL	Message		
12/28/2020	16:33:02	0	0.0	0	0.0	Started Acquisition		
12/28/2020	16:38:02	0	0.0	0	0.0			
12/28/2020	16:43:02	710	0.0	0	0.0			
12/28/2020	16:43:04	710	0.0	0	0.0	Start mwater		
12/28/2020	16:47:50	751	0.0	0	0.0	Reset Total, Vol = 5.25 bbl end water		
12/28/2020	16:48:02	751	0.0	0	0.0			
12/28/2020	16:50:13	746	0.0	0	0.0	Start cmt		
12/28/2020	16:53:02	929	2.0	0	0.0			
12/28/2020	16:58:02	604	2.0	0	0.0			
12/28/2020	17:00:52	476	2.0	0	0.0	Reset Total, Vol = 21.78 bbl end cmt start disp		
12/28/2020	17:03:02	380	2.0	0	0.0			
12/28/2020	17:08:02	307	2.0	0	0.0			
12/28/2020	17:13:02	229	2.0	0	0.0			
12/28/2020	17:17:25	279	0.0	0	0.0	Reset Total, Vol = 37.19 bbl end disp		

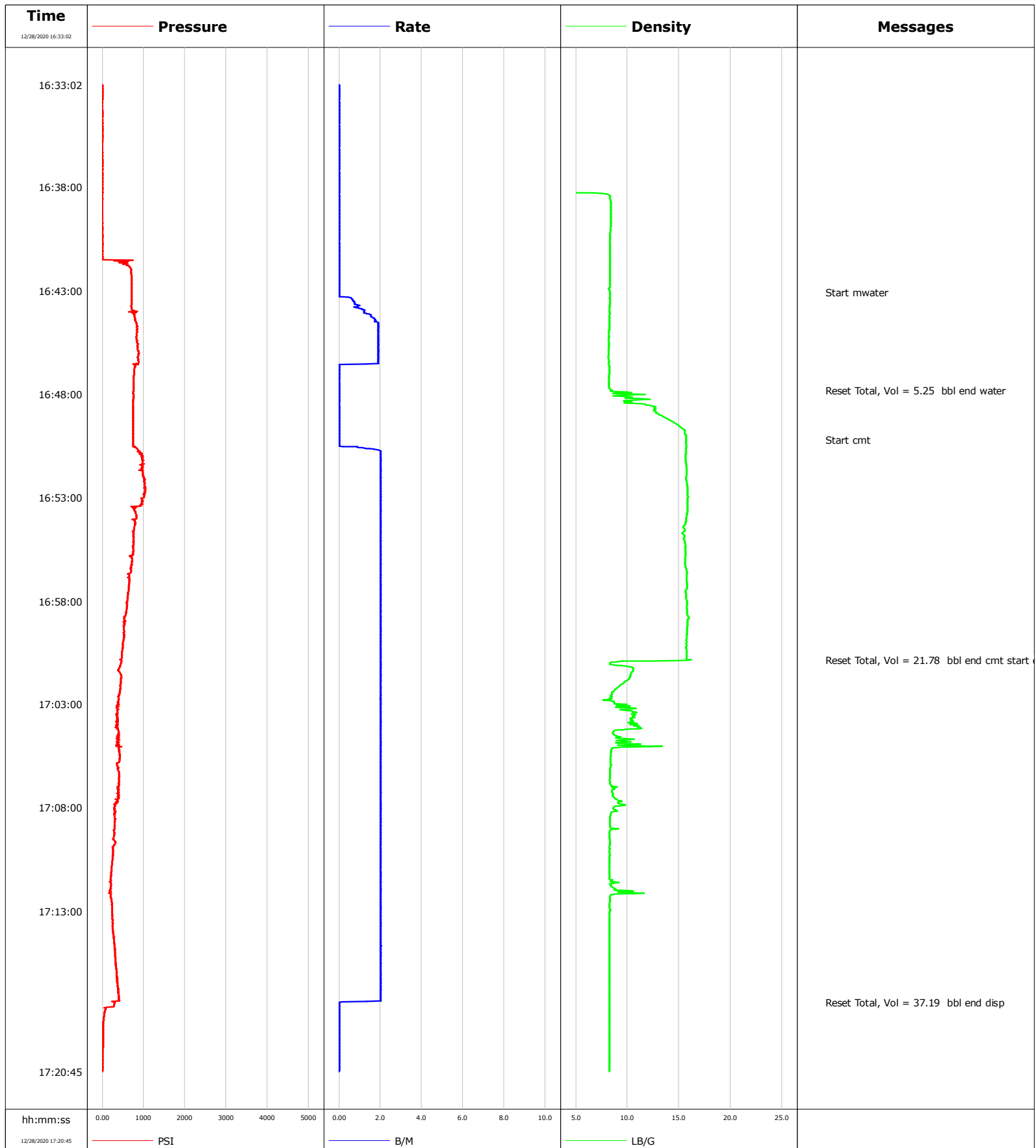
Well Kats B Unit 2	Field DJ	Job Start Dec/28/2020	Customer Crestone	Job Number E7RM-00424
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Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl					
Slurry 2.0	N2		Mud	Maximum Rate 2.0	Total Slurry 21.9	Mud 0.0		Spacer 5.0	N2	
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum 1057	Final 9	Average 510	Bump Plug to	Breakdown	Type		Volume bbl		Density lb/gal	
Avg. N2 Percent %		Designed Slurry Volume 0.0 bbl		Displacement 37.2 bbl		Mix Water Temp degF		Cement Circulated to Surface? <input type="checkbox"/>		Volume bbl
								Washed Thru Perfs <input type="checkbox"/>		To ft
Customer or Authorized Representative Carl R.				Schlumberger Supervisor Richard White				Circulation Lost <input type="checkbox"/>		Job Completed <input checked="" type="checkbox"/>
								-		-

Well Kats B Unit 2
Field DJ
Engineer Richard White
Country United States

Client Crestone
SIR No. E7RM-00424
Job Type P A Stub
Job Date 12-28-2020





Service Contract Receipt
SCHLUMBERGER TECHNOLOGY CORPORATION

Service Contract Number
ELK3-00006

Invoice Mailing Address: CRESTONE PEAK RESOURCES OPERATING, LLC-EDI ONLY 1801 CALIFORNIA ST, STE 2500 DENVER 80202-2638		Left District	Date: 29-Dec-2020	Time: 7:00 AM
		Arrive Location	Date: 29-Dec-2020	Time: 8:00 AM
		Start Job	Date: 29-Dec-2020	Time: 8:15 AM
		Complete Job	Date: 29-Dec-2020	Time: 9:45 AM
		Leave Location	Date: 29-Dec-2020	Time: 10:00 AM
		Arrived District	Date: 29-Dec-2020	Time: 11:00 AM
		Service Description Remedial Squeeze		
Customer PO 1	Contract	Well Name & Number Kats B Unit 2	Field	
AFE	Cust Ref	County / Parish / Block / Borough	State / Province	
Customer or Authorized Representative Carl Rayas		Schlumberger Location CHEYENNE WY PLANT 2070	Legal Location	
API / UWI	Pricebook BYNP / WCF_GEOREF_USL_2018_USD	Rig Workover Rig		
Service Instructions: Shoe Plug from 1105 ft to 670 ft 5 bbl water 27.6 bbl cmt @15.8ppg 135sks 1.15y 5gps 2.3 bbl disp				

THE ESTIMATED CHARGES AND DATA SHOWN BELOW ARE SUBJECT TO CORRECTION BY SCHLUMBERGER

Item	Description	Quantity	UOM	Price	Discount	Amount
Products						
D907	CLASS G CEMENT	140	CF	54.150	78.00%	1,667.82
S001	S001, Calcium Chloride	131	LB	2.040	78.00%	58.79
Products Subtotal:						7,848.24
Discount:						6,121.63
Products Total:						1,726.61
Services						
102871201	Time Period 1: hours per crew, on location, outside operating time	2	HR	2,900.00	65.00%	2,030.00
Services Subtotal:						5,800.00
Discount:						3,770.00
Services Total:						2,030.00
Total (Before Discount):		13,648.24				
Discount:		9,891.63				
Special Discount:		0.00		Estimated Total (USD):		3,756.61

Estimated Total (USD): 3,756.61

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Crestone Peak Resources - DJ Basin	
Date	12/29/2020
Well Name	Kats B Unit 2
AFE/LOE	16192931.1
BillCat	9621
Signature	carl rayas

Signature of Customer Authorized Representative:

Signature of Schlumberger Representative:

Carl Rayas

Date

Richard White

Date



Job Summary

Ticket Number
TN# **BCO-2012-0048** Ticket Date
12/31/2020

COUNTY	COMPANY	API Number
BROOMFIELD (CO)	CRESTONE PEAK RESOURCES	0501418577
WELL NAME	RIG	JOB TYPE
KATS 'B' UNIT 2	Ensign	CM-P2A-PERM.
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.010366 104.986103	Jeff Kopp	Carl Rayas

EMPLOYEES		
<i>Winston V</i>	<i>Troy T</i>	
<i>Jeremiah M</i>		
<i>Anthony M</i>		

WELL PROFILE			
Max Treating Pressure (psi):	1000	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		0	740		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2 3/8	4.7		0	740		
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):	0	To Depth (ft):	740
Type: Surface Plug	Volume (sacks):	229	Volume (bbls):	47

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
	15.8	1.15	5.00

Stage 2:	From Depth (ft):	0	To Depth (ft):	16
Type: Top Off	Volume (sacks):	5	Volume (bbls):	1

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
	15.8	1.15	5.00

Stage 3:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	

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

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):	Stage 1	Stage 2
		Actual Displacement (bbl):		
Total Preflush/Spacer Volume (bbl):	5	Plug Bump (Y/N):	N/A	Bump Pressure (psi):
Total Slurry Volume (bbl):	48	Lost Returns (Y/N):	N	(if Y, when)
Total Fluid Pumped	53			
Returns to Surface:	Cement	1 bbls		

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

Job pumped per customers request. Job went well.

Customer Representative Signature:

*carl rayas*Thank You For Using
NexTier Completion Solutions