



JOB SUMMARY

JOB DATE	11/05/15
SUPERVISOR	Matt Buulinski
CITY	Greeley
SALES ORDER NUMBER	C5CO3111

CUSTOMER	Markus Production	CUSTOMER REP.	Brad Bivens	TICKET AMOUNT	
WELL TYPE	Oil	STATE	Colorado	COUNTY	Weld
WELL NAME AND NUMBER	Kettler 1-18	SEC / TWN / RNG	Sec 18 / Twn 5N / 66W	API #	05-123-11745

EMP NAME	EXP. HOUR	EQUIPMENT	R/T MILES	EMP NAME	EXP. HOUR	EQUIPMENT	R/T MILES
Matt Bulinski	5.5						
Bob Hale	5.5						
Jason Gibbs	5.5						

DATE	CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED	LEAVE LOCATION
TIME	11/5/2015	11/5/2015	11/5/2015	11/5/2015	11/5/2015
	6:00 AM	7:00 AM	8:25 AM	12:27 AM	1:30 PM

WELL TUBULAR DATA						Formation/Length/TOC		
TUBULAR NAME	NEW/USED	WEIGHT	SIZE	FROM	TO	Formation/Length/TOC	Length	TOC
Surface	used	24#	8.625"	0'	416'			
Production	used	11.6#	4.5"	0'	2,500'			
Tubing	used	4.7#	2.375"	0'	2,480'			

JOB PROCEDURE AND MATERIALS							
STAGE	FLUID NAME	VOLUME (BBL)	BULK (SK)	FLUID DESCRIPTION	WATER REQ.	YIELD	DENSITY (PPG)
1	Start 2500'	2		H2O			8.33
2	3000 psi Test	0.5		H2O			8.33
3	Spacer 1	5		Injection Test			8.33
4	Spacer 2	10		Circulate the hole			8.43
5	Pump Cement	61.5	300	G-Cement	5	1.15	15.8
6	Displacment	11.6		H2O			8.33
7							
8							
9							
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12							
13							
14							
15							

OTHER JOB NOTES

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____ SIGNATURE _____



JOB LOG

JOB DATE	11/05/15
SUPERVISOR	Matt Buulinski
CITY	Greeley
SALES ORDER NUMBER	C5CO3111

CUSTOMER	Markus Production	CUSTOMER REP.	Brad Bivens	TICKET AMOUNT	
WELL TYPE	Oil	STATE	Colorado	COUNTY	Weld
WELL NAME AND NUMBER	Kettler 1-18	SEC / TWN / RNG	Sec 18 / Twn 5N / 66W	API #	05-123-11745

DATE	TIME	RATE (BPM)	VOL UME	PRES (PSI)	REMARKS
11/05/15	7:00				Arrive to Location/Hazard Hunt before spotting in trucks
11/05/15	7:10				JSA on rigging up trucks and iron to rig
11/05/15	7:15				Rig Up
11/05/15	7:45				Rig Up Complete
11/05/15	8:15				JSA with Company Man, Rig hands, & IWS on Pump Sched.
11/05/15	8:25	1	2	45	Start Job/Load Lines
11/05/15	8:27	0.5	0.5	3000	3000 psi Test to rig floor
11/05/15	8:30	1	2	500	Injection Test
11/05/15	8:35	1.5	10	100	Fresh Water Spacer
11/05/15	8:48	1.5	61.5	150	300sk G-Cmt, 15.8ppg, 1.15yield, 5.0gal/sk verify by Scales
11/05/15	9:28	1.5	11.6	150	H2O Displacment left 3 bbls in casing
11/05/15	9:30				Pressure held @ 130 psi for 45 min
11/05/15	10:15	0.25	0.5	230	Pump 0.5 bbls fresh H2O
11/05/15	11:00			210	Pressure held @ 210 psi for 45 min
11/05/15	11:45	0.25	0.5	800	Pump 0.5 bbls fresh H2O
11/05/15	12:00				Pressure dropped from 800 psi to 470 psi
11/05/15	12:03	0.25	0.5	800	Pump 0.5 bbls fresh H2O
11/05/15	12:20			717	Pressure dropped from 800 psi to 717 psi
11/05/15	12:30				Wash Up/Rig down
11/05/15	1:15				Rig down complete
11/05/15	1:30				JSA on location walk around/clean up, & driving back to yard



JOB SUMMARY

JOB DATE	11/11/15
SUPERVISOR	Matt Bulinski
CITY	Greeley
SALES ORDER NUMBER	C5CO3112

CUSTOMER	Markus Production	CUSTOMER REP.	Brad Bivens	TICKET AMOUNT	
WELL TYPE	Oil	STATE	Colorado	COUNTY	Weld
WELL NAME AND NUMBER	Kettler 1-18	SEC / TWN / RNG	Sec 18 / Twn 5N / 66W	API #	05-123-11745

EMP NAME	EXP. HOUR	EQUIPMENT	R/T MILES	EMP NAME	EXP. HOUR	EQUIPMENT	R/T MILES
Matt Bulinski	3.5						
Bob Hale	3.5						
Jason Gibbs	3.5						

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED	LEAVE LOCATION
	11/11/2015	11/11/2015	11/11/2015	11/11/2015	11/11/2015
TIME	6:00 AM	10:00 AM	11:27 AM	1:08 PM	1:45 PM

WELL TUBULAR DATA						Formation/Length/TOC		
TUBULAR NAME	NEW/USED	WEIGHT	SIZE	FROM	TO	Formation/Length/TOC	depth	
Surface	used	24#	8.625"			Bridge Plug	2900'	
Production	used	11.6#	4.5"			Problem Zone		2789'-2850'
Tubing	used	2.375	1.25"	0'	2,774'	Tubing	2774'	

JOB PROCEDURE AND MATERIALS							
STAGE	FLUID NAME	VOLUME (BBL)	BULK (SK)	FLUID DESCRIPTION	WATER REQ.	YIELD	DENSITY (PPG)
1	Start 2500'	2		H2O			8.33
2	2500psi Test	0.5		H2O			8.33
3	H2O Clean	10		H2O			8.33
6	Resin	1.5		Resin			10
7	Spot 1bbl to Btm	9.5		H2O			8.33
8	Shut in Backside						
9	Squeeze 1bbl	1		H2O			8.33
10	Shutin watch psi						
11	Squeeze			H2O			8.33
12	Shut in watch psi						8.33
13	Squeeze			H2O			
14	Shut in well leave						8.33
15							

OTHER JOB NOTES

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CUSTOMER REPRESENTATIVE _____

SIGNATURE



JOB LOG

JOB DATE	11/11/15
SUPERVISOR	Matt Bulinski
CITY	Greeley
SALES ORDER NUMBER	C5CO3112

CUSTOMER	Markus Production	CUSTOMER REP.	Brad Bivens	TICKET AMOUNT	[REDACTED]
WELL TYPE	Oil	STATE	Colorado	COUNTY	Weld
WELL NAME AND NUMBER	Kettler 1-18	SEC 7 TWN 7 RNG	Sec 18 / Twn 5N / 66	API #	05-123-11745

DATE	TIME	RATE (BPM)	VOLU ME	PRES (PSI)	REMARKS
11/11/15	10:00				Arrive to Location/Hazard Hunt before spotting in trucks
11/11/15	10:05				JSA on rigging up trucks and iron to rig
11/11/15	10:10				Rig Up
11/11/15	10:25				Rig Up Complete
11/11/15	11:00				JSA with Company Man, Rig hands, & Integrity on Pump Sched.
11/11/15	11:27				Start Job/Load Lines
11/11/15	11:30	0.5	0.5	2500	2500psi Test to rig floor
11/11/15	11:33	2	10	250	15bbls H2O to flush csg and gain returns
11/11/15	11:39	2	1.5	250	Pump Resin
11/11/15	11:47	1	9.5	250	Displace and spot resin to 1bbl before end of tubing
11/11/15	11:48				Close in backside and squeeze
11/11/15	11:49	0.5	1	300	Psi built to 300 and shutdown to watch pressure
11/11/15	11:50				psi holding at 150psi
11/11/15	12:17	0.25	0.25	800	Squeeze from 150 to 800psi in .25bbl
11/11/15	12:18	0.25	0.2	1000	Squeeze from 350 up to 1000psi and shutdown.
11/11/15	12:21				Leveled off at 320 psi after 3mins and holding, will wait 60mins
11/11/15	13:08	0.25	0.25	1000	Squeeze up to 1000psi
11/11/15	13:10			650	Close in well at 650psi and will leave 24hrs
11/11/15	13:15				JSA on washing up Pump truck, rigging down iron & trucks
11/11/15	13:20				Wash Up/Rig down
11/11/15	13:30				Rig down complete
11/11/15	13:35				JSA on location walk around/clean up, & driving back to yard



JOB SUMMARY

JOB DATE	11/12/15
SUPERVISOR	Matt Bulinski
CITY	Greeley
SALES ORDER NUMBER	C5CO3113

CUSTOMER	Markus Production	CUSTOMER REP.	Brad Bivens	TICKET AMOUNT	
WELL TYPE	Oil	STATE	Colorado	COUNTY	Weld
WELL NAME AND NUMBER	Kettler 1-18	SEC / TWN / RNG	Sec 18 / Twn 5N / 66W	API #	05-123-11745

EMP NAME	EXP. HOUR	EQUIPMENT	R/T MILES	EMP NAME	EXP. HOUR	EQUIPMENT	R/T MILES
Matt Bulinski	3						
Bob Hale	3						
Jason Gibbs	3						

DATE	CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED	LEAVE LOCATION
	11/12/2015	11/12/2015	11/12/2015	11/12/2015	11/12/2015
TIME	11:00 AM	12:00 PM	1:22 PM	2:25 PM	3:00 PM

WELL TUBULAR DATA						Formation/Length/TOC		
TUBULAR NAME	NEW/USED	WEIGHT	SIZE	FROM	TO	Formation/Length/TOC	depth	
Surface	used	24#	8.625"			Bridge Plug	2900'	
Production	used	11.6#	4.5"			Problem Zone		2789'-2850'
Tubing	used	2.375	1.25"	0'	2885'	Tubing	2885'	
						Cmt Plug		330'

JOB PROCEDURE AND MATERIALS							
STAGE	FLUID NAME	VOLUME (BBL)	BULK (SK)	FLUID DESCRIPTION	WATER REQ.	YIELD	DENSITY (PPG)
1	Start/Load lines						
2	2500psi Test	0.5					
3	Spacer	5		H2O			8.33
6	G-Cement	5.1	25	Cement	5	1.15	15.8
7	Displace	9.7		H2O			8.33
8	Shutdown						
9	Pull stands						
10	Reverse tubing						
11	Squeeze	0.2					
12	Squeeze	0.2					
13	Shutin well						
14							
15							

OTHER JOB NOTES

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SIGNATURE

