

	BAS NERGY SER	IC VICES	1700 S. Country Estates Raod Liberal, KS 67901 PH (620)-624-2277FAX (620) 624-2280	SERVICE ORDER - 1718  Date: 2/27			
Well Name:				Location:			
River Bend #8				34,24,32			
County - State:	Marie Salver			RRC#:			
Finney, Ks							
Type Of Service:	**************************************			Customer's Order #:			
Z42 - Cement F		asing		62983			
	Customer: N		gy				
Basic Energy Services. PARTICULAR PURPOS	attorney fees. These , warrants only title to SE OR OTHERWISE	terms and con the products, WHICH EXTER	ormer agrees to pay interest thereon after default at 19% per annum. In the event it becomes necessified a shall be governed by the laws of the state where services are performed or equipment or mature supplies and materials and that the same are free from defects in workmanship. THERE ARE NO WAY ID BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Basic Energy Sevel arising out of the sale or use of any products, supplies, or materials upon their return to Basic Energy Services be liable for seven the product of the sale or use of any products, supplies, or materials upon their return to Basic Energy Services be liable for seven the products of the sale or use of supplies and the sale of the sale of the sale of such them.	renais are rumisned.  ARRANTIES, EXPRESS OR IMPLIED, MERCHANTABILITY, FITNESS FOR A rivices, liability and Customer's exclusive remedy in any cause of action (whether grows pervious); is expressly limited to the replacement of such products, supplied.	herin		
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CODE	OTV	LIOM			TOTAL		
CODE	QTY 105	UOM	DESCRIPTION		TOTAL 1155.00		
CL104	105	Sk	DESCRIPTION 50/50 POZ	PRICE 1			
CL104 CL104	105 140	Sk Sk	DESCRIPTION  50/50 POZ  50/50 POZ	PRICE 11.00	1155.00 1540.00		
CL104 CL104 CC113	105	Sk	DESCRIPTION 50/50 POZ	PRICE 11.00 11.00	1155.00		
CL104 CL104 CC113 CC148	105 140 1242	Sk Sk Lb	DESCRIPTION  50/50 POZ  50/50 POZ  Gypsum	PRICE 11.00 11.00 0.75	1155.00 1540.00 931.50		
CL104 CL104 CC113 CC148 CC105	105 140 1242 51	Sk Sk Lb Lb	DESCRIPTION  50/50 POZ  50/50 POZ  Gypsum  C-17	PRICE 11.00 11.00 0.75 20.00	1155.00 1540.00 931.50 1020.00		
CL104 CL104 CC113 CC148 CC105 CC102	105 140 1242 51 52	Sk Sk Lb Lb	DESCRIPTION  50/50 POZ  50/50 POZ  Gypsum  C-17  C-41P	PRICE 11.00 11.00 0.75 20.00 4.00	1155.00 1540.00 931.50 1020.00 208.00		
CL104 CL104 CC113 CC148 CC105 CC102 CC201	105 140 1242 51 52 62	Sk Sk Lb Lb Lb	DESCRIPTION  50/50 POZ  50/50 POZ  Gypsum  C-17  C-41P  Celloflake	PRICE 11.00 11.00 0.75 20.00 4.00 3.70	1155.00 1540.00 931.50 1020.00 208.00 229.40		
CL104 CL104 CC113 CC148 CC105 CC102 CC201	105 140 1242 51 52 62 1225	Sk Sk Lb Lb Lb Lb Lb Lb	DESCRIPTION  50/50 POZ  50/50 POZ  Gypsum  C-17  C-41P  Celloflake  Gilsonite	PRICE 11.00 11.00 11.00 20.00 4.00 3.70 0.67	1155.00 1540.00 931.50 1020.00 208.00 229.40 820.75 737.50 4500.00		
CL104 CL104 CC113 CC148 CC105 CC102 CC201 CC111 CF451	105 140 1242 51 52 62 1225	Sk Sk Lb Lb Lb Lb Lb Lb Lb Lb	DESCRIPTION  50/50 POZ  50/50 POZ  Gypsum  C-17  C-41P  Celloflake  Gilsonite  Salt	PRICE 11.00 11.00 11.00 20.00 4.00 3.70 0.67 0.50	1155.00 1540.00 931.50 1020.00 208.00 229.40 820.75 737.50		
CL104 CL104 CC113 CC148 CC105 CC102 CC201 CC201 CC111 CF451 CF851	105 140 1242 51 52 62 1225	Sk Sk Lb Lb Lb Lb Lb Lb Lb Ea	DESCRIPTION  50/50 POZ  50/50 POZ  Gypsum  C-17  C-41P  Celloflake  Gilsonite  Salt  Two Stage Cement Collar, 5 1/2" (Blue)	PRICE 11.00 11.00 11.00 0.75 20.00 4.00 3.70 0.67 0.50 4500.00 425.00 420.00	1155.00 1540.00 931.50 1020.00 208.00 229.40 820.75 737.50 4500.00 425.00		
CL104 CL104 CC113 CC148 CC105 CC102 CC201 CC111 CF451 CF851 CF951	105 140 1242 51 52 62 1225 1475	Sk Sk Lb Lb Lb Lb Lb Lb Lb Ea Ea	DESCRIPTION  50/50 POZ  50/50 POZ  Gypsum  C-17  C-41P  Celloflake  Gilsonite  Salt  Two Stage Cement Collar, 5 1/2" (Blue)  5 1/2" Float Shoe(Blue)	PRICE 11.00 11.00 11.00 0.75 20.00 4.00 3.70 0.67 0.50 4500.00 425.00	1155.00 1540.00 931.50 1020.00 208.00 229.40 820.75 737.50 4500.00 425.00 1600.00		
CL104 CL104 CC113 CC148 CC105 CC102 CC201 CC111 CF451 CF851 CF951 CF1751	105 140 1242 51 52 62 1225 1475 1	Sk Sk Lb Lb Lb Lb Lb Lb Ea Ea Ea	DESCRIPTION  50/50 POZ  50/50 POZ  Gypsum  C-17  C-41P  Celloflake  Gilsonite  Salt  Two Stage Cement Collar, 5 1/2" (Blue)  5 1/2" Float Shoe(Blue)  5 1/2" Float Collar(Blue)	PRICE 11.00 11.00 11.00 0.75 20.00 4.00 3.70 0.67 0.50 4500.00 425.00 420.00 80.00 320.00	1155.00 1540.00 931.50 1020.00 208.00 229.40 820.75 737.50 4500.00 425.00 1600.00		
CODE CL104 CL104 CC113 CC148 CC105 CC102 CC201 CC111 CF451 CF851 CF951 CF1751 CF1801 CC151	105 140 1242 51 52 62 1225 1475 1 1 1	Sk Sk Lb Lb Lb Lb Lb Lb Ea Ea Ea Ea	DESCRIPTION  50/50 POZ  50/50 POZ  Gypsum  C-17  C-41P  Celloflake  Gilsonite  Salt  Two Stage Cement Collar, 5 1/2" (Blue)  5 1/2" Float Shoe(Blue)  5 1/2" Float Collar(Blue)  Centralizer, 5 1/2" (Blue)	PRICE 11.00 11.00 11.00 0.75 20.00 4.00 3.70 0.67 0.50 4500.00 425.00 420.00 80.00	1155.00 1540.00 931.50 1020.00 208.00 229.40 820.75 737.50 4500.00 425.00 1600.00		

7.50 1200.00 E101 160 Mi Heavy Equipment Mileage 245 Blending & Mixing Service Charge 1.40 343.00 CE240 Sk 2.50 2070.00 Proppant and Bulk Delivery Charges, per ton mile E113 828 Tn/Mi CE206 4 Hrs Depth Charge; 5001-6000' 2880.00 2880.00 250.00 250.00 Plug Container Utilization Charge CE504 1 Job 80 Unit Mileage Charge-Pickups, Small Vans & Cars (one way) 4.50 360.00 E100 Mi 175.00 Ea Service Supervisor, first 8 hrs on loc. 1500.00 CE405 Non-pumping Time - All Equipment 500.00 Hr \$25,420.15 Book Total: Taxes: Disc. Price: \$17,170.89 10% Disc \$1,717.09 Additional 10% Discount as per Agreement on Cement Services Adjusted Price \$15,453.80 NO | | | YES THIS JOB WAS SATISFACTORILY COMPLETED PUMP TRUCK NUMBER: 38117,19919 OPERATION OF EQUIPMENT WAS SATISFACTORY PERFORMANCE OF PERSONEL WAS SATISFACTORY CUSTOMER OR HIS AGENT BASIC ENERGY SERVICES

**Customer Comments or Concerns:** 



## Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

## PRESSURE PUMPING Job Log

					OOD LOG						
Customer:	Merit Energy				Cement Pump No.:	38117,199	19 16.5Hrs	Operator TRK No.:	14255 27724		
Address:	gardencity.invoices@meritenergy.cor				Ticket #:	1718 1	7284 L	Bulk TRK No.:	Bulk TRK No.: 14355,37724 Oscar 14355, 37724		
City, State, Zip:	AFE# 62983				Job Type:		Z42 - Cen	nent Production Casing			
Service District:	1718 - Liberal, Ks.				Well Type:			OIL			
ell Name and No.:	River Bend #8				Well Location:	34,24,32	County	Finney	State:	K	
Type of Cmt Sacks			Additives				Truck Loaded On				
50/50 Poz		105	6% Gypsum, 10% Salt, .5% C-1 5# Gilsonite, 1/4# Ce			loflake	14355,37	7724 Oscar	Front	Back	
50/50 Poz		90	6% Gypsum, 10% Salt, .5% C- 5# Gilsonite, 1/4# Co				14355, 37724		Front	Back	
50/50	Poz	50			Rat & Mouse				Front	Back	
Tail 1/	Tail 2:	Weight #1 Gal.	. Cu/Ft/sk		Water Requirements		CU. FT.	Man Hours / Personnel		nnel	
Tail St	age 1:	13.6	1.57		7.18		164.85	TT Man Hours:	65		
Tail St	age 2:	13.6	1.57		7.18		141.3	# of Men on Job: 3			
Time		Volume	Pu	mps	Press	ure(PSI)	Description of Operation and Materia		ls		
(am/pm)	(BPM)	(BBLS)	Т	С	Tubing	Casing					
11:45								ON LOC	ATION		
12:30							SAFETY MEETING				
1:15 PM							RIG UP & WAIT				
5:19 PM							RIG TO CIRCULATE				
6:15 PM							RIG TO PT				
18:32							PRESSURE TEST LINES TO 3000PSI				
18:34	4	11.9				90	PUMP 500GALLONS MUD FLUSH				
6:44 PM		13.9 slurry					PLUG RAT & MOUSE W/ 50SX				
19:08	6.3	29.3 slurry				30	PUMP 105SX TAIL @ 13.6# / STAGE #1				
19:17							SH	HUTDOWN / DROP PLUG / WP			
19:28	2.4	10				20	DISPLACE W/ H20 14.7BBLS				
	7	30				210	DISPLACE W/ MUD 100.4BBLS				
	7.4	40				210					
	7.4	50				200					
	7	60				200					
	7.1	70				210				1	
	7.2	80				190		- Committee			
	7	90				290					
	7	100				430					
19:54	7	105				530	SLOW DOWN RATE TO 2.0BPM @ 260PSI				
	2	110				310					
19:59	2	115.2				390	LAND F	PLUG / PRESS	URE UP TO 1	600PSI	
20:01							RE	LEASE BACK	PLUG HEL	.D	
Size Hole	7 7/8"	Depth					TYPE	F	Plug Container		
Size & Wt. Csg.	5 1/2" 17#	Depth	50	10'	New / Used		DV Tool	4331.79'	Depth		
Landing Press 1	207.5 psi	Landing Press 2	398	.9psi			Retainer		Depth		
Shoe Jt.	43.94'	Туре					Perfs		CIBP		
					Basic Represe		Daniel Beck / Victor Corona				
Customer Signature:					Basic Signature:		Daniel Beck				
					Date of Service	e:	2/27/2019	/27/2019			



## Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

## PRESSURE PUMPING

Job Log

Customer:	V	Merit Energy		Gement Pump No.:	38117,19919 16.5Hrs 1718 17284 L		Operator TRK No.:	968	16	
Address:	gardencity.in	voices@merite	energy.cor	Ticket #:			Bulk TRK No.:	14355,37724 Oscar	14355, 3772	
	AFE# 62983			Job Type:	740 O I Deschartion Coning					
Service District:	17	18 - Liberal Ks		Well Type:	OIL					
II Name and No.:	River Bend #8			Well Location:	34,24,32	County:	Finney	State:	ŀ	
20:07							DROP OPEN	ING TOOL		
8:21 PM						PUM	IP OPENING	TOOL W/ 5201	PSI	
8:30 PM							RIG TO CII	RCULATE		
1:07 AM							RIG T	O PT		
2:05 AM						PF	RESSURE TES	ST TO 3000PS	SI	
2:16	5.8	25.1 slurry			180	PUMP	90SX TAIL @	13.6# / STAG	SE #2	
2:24						SHUTDO	OWN / DROP (	CLOSING PLU	JG / WP	
2:29 AM	7.5	10			160		DISPL	ACE		
	7.5	20			170					
	7.5	30			170					
	7.5	40			170					
	7.5	50			170					
	7.5	60			170			AL 18 TO THE RESERVE OF THE RESERVE		
	7.5	70			170					
	7.5	80			180				*	
2:43	7.5	90			360	SLO	W RATE TO 2	0BPM @ 120	PSI	
2:49	1.9	100.4			310	LAND CL	OSING PLUG /	PRESSURE U	P TO PSI	
2:51 AM						RE	LEASE BACK	PLUG HEI	LD	
							JOB COI	MPLETE		
								Austra		
					gertes					
Size Hole	7 7/8"	Depth				TYPE		Plug Containe	r	
Size & Wt. Csg.	5 1/2" 17#	Depth	5010'	New / Used		DV Tool	4331.79'	Depth		
Landing Press 1		Landing Press 2	398.9psi			Retainer		Depth		
Shoe Jt.	43.94'	Туре	•			Perfs		CIBP		
				•	Basic Representative:		Daniel Beck / Victor Corona			
Customer Signature:					Basic Signature:		Daniel Back			
Oustomer Orginature.					Date of Service:		2/27/2019			

