



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

PRESSURE PUMPING

Job Log

Customer:	Obrien Energy	Cement Pump No.:	38117, 19919 8Hrs.	Operator TRK No.:	78938
Address:		Ticket #:	1718 13208 L	Bulk TRK No.:	14354, 19578 Santiago
City, State, Zip:		Job Type:	Z42 Cement Production Casing		
Service District:	1718 Liberal, Ks.	Well Type:	OIL		
Well Name and No.:	SHINOGL 2-20	Well Location:	20	County:	33
				State:	29

Type of Cmt	Sacks	Additives	Truck Loaded On		
Premium / Common	50	NEAT	14354, 19578 Santiago		Back
AA2	170	5% W-60, 10% SALY, .6% C-15, 1/4# DEFOAMER, 5# GILSONITE			Back
					Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	15.6	1.18	5.22	59	Man Hours:	8.5
Tail:	14.8	1.52	6.64	258.4	# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (8BLS)	Pumps		Pressure (PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
9:15							CALLED OUT FOR JOB
13:45							ON LOC.
2:00 PM							SAFETY MEETING
12:00 AM							RIG UP
3:15 PM							WAIT ON RIG
18:30							CIRCULATE
							RIG TO P.T.
7:19 PM							PRESSURE TEST TO 2500PSI
19:21							PUMP 500GAL, MUD FLUSH
19:30							CEMENT RAT AND MOUSE
19:51	3.5	45.7 slurry				90	PUMP 170SX AA2 @ 14.8#
20:06							SHUTDOWN / W.P. / DROP PLUG
20:15	6	30				100	DISPLACE
	6	40				100	
	6.1	50				110	
	6.1	60				100	
	6.1	70				100	
	6	80				380	
20:33	2	90				570	SLOW RATE
20:39		100.7				610	LAND PLUG PRESSURE UPT TO 1500PSI
20:41							RELEASE FLOAT --- HELD
							JOB COMPLETE

Size Hole	7 7/8"	Depth			TYPE	PLUG CONTAINER	
Size & Wt. Csg.	4 1/2" 10.5#	Depth	6376'	New / Used	Packer	Depth	
tbg.		Depth			Retainer	Depth	
Top Plugs		Type			Perfs	CIBP	

Customer Signature: <i>[Signature]</i>	Basic Representative:	Daniel Beck
	Basic Signature:	<i>Daniel Beck</i>
	Date of Service:	5/15/2016



PAGE 1 of 1	CUST NO 1002969	YARD # 1718	INVOICE DATE 05/17/2016
INVOICE NUMBER 92124218			

Pratt (620) 672-1201
 B O'BRIEN ENERGY RESOURCES
 I 18 CONGRESS ST SUITE 207
 L PORTSMOUTH
 L NH US 03801
 T
 O ATTN: Kimberley Proctor

J LEASE NAME Shinogle 2-20
 O LOCATION
 B COUNTY Meade
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
4093570.0	19570		Net - 30 days	06/16/2016

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 05/10/2016 to 05/10/2016</i>				
0040935700				
171813655L Cement-New Well Casing/Pi 05/10/2016 Cement Surface Casing				
A-Con' Blend	325.00	EA		
Premium Plus Cement	150.00	EA		
Calcium Chloride	1,200.00	EA		
Celloflake	119.00	EA		
C-51	62.00	EA		
"Guide Shoe - Regular, 8 5/8" (Blue)"	1.00	EA		
"Flapper Type Insert Float Valve, 8 5/8"	1.00	EA		
Antelope Strd Bow Cent. 8 5/8 X 12 1/4	3.00	EA		
"Cmt Basket, Canvas 8 5/8"	1.00	EA		
"Top Rubber Cmt Plug, 8 5/8""	1.00	EA		
"Unit Mileage Chg (PU, cars one way)"	30.00	MI		
Heavy Equipment Mileage	90.00	MI		
"Proppant & Bulk Del. Chgs., per ton mil	671.00	EA		
Blending & Mixing Service Charge	475.00	BAG		
Plug Container Util. Chg.	1.00	EA		
Depth Charge; 1001'-2000'	1.00	EA		
"Service Supervisor, first 8 hrs on loc.	1.00	EA		

*Pd. 5/31/2016
#12463*

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL
DALLAS, TX 75284-1903	FORT WORTH, TX 76102	