



PAGE 1 of 1	CUST NO 1003197	INVOICE DATE 11/25/2013
INVOICE NUMBER 1717 - 91345198		

Liberal (620) 624-2277
 B PETRO SANTANDER USA INC
 I 11130 E 7 MILE RD
 L GARDEN CITY
 L KS US 67846
 T
 O **ATTN:** PAM OR PETE

J LEASE NAME Mackey #11
O LOCATION
B COUNTY Finney
S STATE KS
I JOB DESCRIPTION Frac Job-New Well
T JOB CONTACT
E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40665738	70192		Net - 30 days	12/25/2013

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 11/22/2013 to 11/22/2013				
0040665738				
171704050A Frac Job-New Well 11/22/2013				
ProGel LG 250	2,800.00	EA	0.22	618.80
ProFrac LG 2500	18,000.00	EA	0.27	4,914.00
Bio-3, Powdered Biocide	1.00	EA	43.16	43.16
Breaker 10L	1.00	EA	113.75	113.75
NE-150L	21.00	EA	27.30	573.30
580 ME Surfactant	11.00	EA	27.30	300.30
Claymax	32.00	EA	22.75	728.00
20-40 mesh Northern White Sand	260.00	BAG	18.20	4,732.00
Heavy Equipment Mileage	400.00	MI	4.55	1,820.00
"Unit Mileage Chg (PU, cars one way)"	80.00	MI	2.76	221.00
"Proppant & Bulk Del. Chgs., per ton mil	1,495.00	EA	1.04	1,554.80
Triplex Frac Pump Charge	2.00	EA	3,575.00	7,150.00
Liquid Chemical Additive Unit	1.00	EA	1,170.00	1,170.00
Densimeter	1.00	EA	390.00	390.00
Treatment Van	1.00	EA	1,430.00	1,430.00
Blender, 11-20 BPM	1.00	EA	2,275.00	2,275.00
20-40 mesh or smaller Prop Pump Charge	260.00	EA	0.26	67.60
.1 to 4 ppg Proppant concentration chrg	1,000.00	EA	0.01	143.00
Frac Valve Rental	1.00	EA	325.00	325.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	113.75	113.75
Cambelt Sand Lizard	1.00	EA	650.00	650.00

RECEIVED
 BATCH CM13119
 BAS110
 DEC 02 2013

ACCT.# 7200117 ACCT NAME W/S
 LOC.# 4001 LOC NAME Oper.
 PROP.# 1097 PROP NAME Mackey #112
 AFE# 0506 BILLING# 01

PLEASE REMIT TO: BASIC ENERGY SERVICES, LP PO BOX 841903 DALLAS, TX 75284-1903	SEND OTHER CORRESPONDENCE TO: BASIC ENERGY SERVICES, LP 801 CHERRY ST, STE 2100 FORT WORTH, TX 76102	SUB TOTAL 29,333.46 TAX 0.00 INVOICE TOTAL 29,333.46
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BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET
1717 04050 A

DATE _____ TICKET NO. _____

DATE OF JOB: 11-22-13	DISTRICT: 1717	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:	
CUSTOMER: Petro Santander		LEASE: Mackey		11 WELL NO.				
ADDRESS:		COUNTY: Finney		STATE: KS				
CITY:		STATE:		SERVICE CREW: Sun W Heador Greg Mario Eder Ricardo Bama				
AUTHORIZED BY: Jerry Bennett		JOB TYPE: ZBZ						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
39878	8	12978	8					7:00
12945		70330				ARRIVED AT JOB		10:30
30325	-	70192	-			START OPERATION		12:30
20394		70230				FINISH OPERATION		1:20
19830	-					RELEASED		2:30
19917	-					MILES FROM STATION TO WELL		80

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Aurel Sanchez*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
Sy162	Progel LG250	gal	2800		952.00
Sy142	Profrac LG2500	gal	18000		7560.00
C604	Bio-3 Biocide	lb	1		66.40
C507	Breaker 10-2	gal	1		175.00
C1806	UB-150	gal	21		882.00
C7315	S80MB	gal	11		462.00
C704	Claymax	gal	32		1120.00
pk211	20-40 mesh Sand	cwt	260		7280.00
e101	Heavy Equipment Mileage	mi	400		2800.00
e100	Unit Mileage Charge Pickups	mi	80		340.00
e113	Prop Delivery Charge	tm	1495		2392.00
e434	1500HP Triplex	ea	2		11000.00
e717	Computerized Chemical Unit	job	1		1800.00
e729	Densimeter	ea	1		600.00
T101	Treatment Van	job	1		2200.00
b701	Blender 11-20 BPM	ea	1		3500.00
p800	20/40 mesh Prop charge	cwt	260		104.00
p900	11 to 40 mesh Prop charge	gal	11,000		220.00
e706	3" Flue Valve	ea	1		500.00
SUB TOTAL					29,333.46

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE: *[Signature]*
FIELD SERVICE ORDER NO. _____

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer PetroSantander	Lease No.	Date 11-22-13
Lease Mackey	Well # 11	
Field Order # 4050	Station 1717	Casing 3 1/2
Type Job ZBZ	Depth 4798	County Finney
	Formation Marrow	State KS
		Legal Description

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 3 1/2	Tubing Size 2 7/8	Shots/Ft 4		Acid		RATE	PRESS	ISIP 960
Depth 103'	Depth 4645	From 4752	To 4876	Pre Pad	Max			5 Min. 805
Volume 2.45	Volume 2.19	From 4780	To 4798	Pad 7000 gal Pad	Min			10 Min. 735
Max Press 500	Max Press 3000	From	To	Frac 11,000 gal Profrac 2500	Avg			15 Min. 699
Well Connection 2 7/8	Annulus Vol.	From	To		HHP Used			Annulus Pressure 0
Plug Depth	Packer Depth 4645	From	To	Flush 1300 gal Progel 200'	Gas Volume			Total Load 4.58

Customer Representative Aural Dancin	Station Manager Jerry Bennett	Treater Stork, Z
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Service Units	39878	20394	17945	30325	12978	70330	70192	70230	19830	19917
Driver Names	Juan	Ricardo	Greg	Edgar	Mario		Hector		Norma	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:30					On location
10:35					Safety Meeting & Rigup
12:34		3000	—	—	Primeup Psi Test
12:34		30	1	✓	Start 7,000 gal Pad
12:42		2400	10	80	Loaded
12:42		2050	40	18	established Rate
12:49		2522	167	18	Start 3000 gal 1# 20140
12:51		2418	197	18	1# 20140 OIB
12:53		2355	238	18	Start 3000 gal 2# 20140
12:55		2313	268	18	2# 20140 OIB
12:57		2367	309	18	Start 3000 gal 3# 20140
12:59		2349	339	18	3# 20140 OIB
1:01		2539	380	18	Start 2000 gal 4# 20140
1:03		2607	410	18	4# 20140 OIB
1:04		2663	428	18	Start Flush
1:05		2540	458	—	Shutdown
1:05		960			ISIP
1:10		805			5
1:15		735			10
1:20		699			15

Thank you Liberal Frac Crew

PETROSANTANDER
MACKEY 11 - MARROW - PROFRAC 2500

