

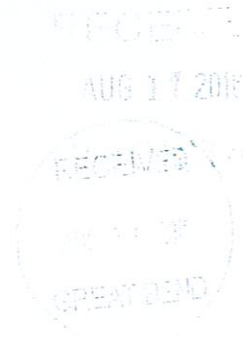
P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
8/11/2016	29590

BILL TO
Abercrombie Energy, LLC 5510 Oil Center Road South Great Bend, KS 67530



- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#4-12	Schowalter	Scott	Wild West	SWD	Development	Squeeze perms/Ca...	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				50	Miles	5.00	250.00
577D	Pump Charge - Shallow Squeeze (< 1500 Ft.)				1	Job	800.00	800.00
325	Standard Cement				275	Sacks	12.25	3,368.75T
278	Calcium Chloride				8	Sack(s)	40.00	320.00T
290	D-Air				2	Gallon(s)	42.00	84.00T
275	Cotton Seed Hulls				1	Sack(s)	30.00	30.00T
581D	Service Charge Cement				275	Sacks	1.50	412.50
583D	Drayage				656.25	Ton Miles	0.75	492.19
	Subtotal							5,757.44
	Sales Tax Scott County						8.50%	323.23
<p>1334005 SCHOW CEMENT SQUEEZE - 24 AK APPROVAL T/P</p>								
We Appreciate Your Business!							Total	\$6,080.67

SC7 8-15-16



TICKET 00599

CHARGE TO: Abe-embie
 ADDRESS:
 CITY, STATE, ZIP CODE:

PAGE 1 OF 1

SERVICE LOCATIONS: Ado City Kb WELL/PROJECT NO: Schwabter 412 SWD LEASE: Scott COUNTY/PARISH: Scott City STATE: Ks CITY: Scott City DATE: 11 Aug-16 OWNER:
 TICKET TYPE: SERVICE SALES CONTRACTOR: SWD RIG NAME/NO: location SHIPPED VIA: OT ORDER NO.:
 WELL TYPE: Development WELL CATEGORY: WLD WEST JOB PURPOSE: squeeze plugs/casing leaks DELIVERED TO: location WELL PERMIT NO.: 12-18-32 WELL LOCATION:

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT							
575		1			50	Mi			5.00	250.00
577		1		MILEAGE	1	sq			800.00	800.00
325		1		Pump Charge	275	sk			12.125	3368.75
278		1		Standard cement	400	lb		sk	40.00	320.00
290		1		calcium chloride	2 gal				42.00	84.00
275		1		D-Air	1	sk			30.00	30.00
781		1		cotton seed balls	275	sk			1.50	412.50
		1		service charge	26250	lb		056.25 TMI	0.75	4981.19
				Drayage						

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

DATE SIGNED: [Signature] TIME SIGNED: A.M. P.M.
 SWIFT OPERATOR: [Signature] APPROVAL: [Signature]

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

SURVEY: OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? YES NO CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 5757.44
 TOTAL: 1608.67

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: [Signature] APPROVAL: [Signature]
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 11 AUG 16 PAGE NO.

CUSTOMER

A. Perdomo

WELL NO.

LEASE

JOB TYPE

cement perf / casing leak

TICKET NO.

29520

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								275 sk Standard cement w/ 2% CC 2 3/4" perf's 432-86 stickset zone packer set 4490 suspected casing leak approx 3900'
	0830 0845	2	14				200	on loc TRK 114 pump down BS - packer set 14 bbl to flood - inj into leak @ 2000
	0905	2	4				200	pump down tubing inj rate - perf's
	0906	3	15				200	Mix STD cement 26cc w/ 100# balls well on vac - shut in tubing 75% wash out pump & line
	0920	3	14				500	Displace cement w/ fresh H ₂ O catch pressure
			15				1500	Kickout - falls off
	0940		15				1200	holding 1200psi Release pressure pull 20 joints to 3800' wash tools. { 3.7 bbl cement left in 4 1/2 } 230'
	1015							lost holes - bottom cement holding - casing leak 3859-3891 set packer 3736'
	1050						50	pressure BS to 500 psi - shut in wait on water
	1145	2	2 1/2				400	Re do inj rate 2 bpm @ 400
	1148	2	22				φ	Mix STD cement w/ 100# @ 15 bpm on vacuum - wash up tools
	1202	2 1/2	5				400	Displace cement w/ fresh H ₂ O catch pressure
		1	15 1/2				500	Kickout @ 14 bbl - not on vacuum Kickout - packer clear

continued:

CUSTOMER Arcocon Oil WELL NO. 4-12 SWD LEASE Schwabert JOB TYPE squeeze pipe/casing leak TICKET NO. 29590

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1225	1225						500	holding 500 psi
1230	1230		20					Release pressure to truck - chisel up open packer bypass - Reverse hole clean - no cement plugs -
	1240							pull tubing from hole set CIBP
	1455							perforate anhydrite layer - 2317-2319' Run in tubing to 2204'
	1536	2	2			450	500	pressure 55 to 500 psi - shut in inj rates in puffs
	1545	2	22			900		Mix SiD cement (20% ^{ck} 100 @ 1576 pps) falls to \emptyset - shut in wash out pump & line
	1601	2 1/2				600		Displace w/ fresh H ₂ O catch pressure
	1607	1 1/2	9			1000		- Displace cement to packer - falls to 700
			9 1/2			700		- pump 1/2 bbl - total 9 1/2 shut in tubing
	1612							Wash truck
	1621					400		open tubing 400 psi
						900		Pump up to 900 psi - holding
	1630		25					open by PAFS Reverse hole clean - no cement plugs -
	1640							pull tool Back up
	1700							Job complete
								Thur 11/10 Blinn Flat & ISAAC

275 gal
total
500 gal