

ALLIED OIL & GAS SERVICES, LLC 054840

Federal Tax I.D.# 20-5975804

EMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE <u>11-29-13</u>	SEC. <u>24</u>	TWP. <u>15</u>	RANGE <u>25</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00 AM</u>	JOB FINISH <u>6:30 AM</u>
LEASE <u>Albers C</u>	WELL# <u>1</u>	LOCATION <u>Wabecney KS 20S 10W 1/2 N</u>			COUNTY <u>Trego</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>Einto</u>			

CONTRACTOR American Eagle #2
 TYPE OF JOB Long string
 HOLE SIZE 7 1/2 T.D. 4630
 CASING SIZE 5 1/2 14" DEPTH 4632.92
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL PC DEPTH 1982
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 18.98
 CEMENT LEFT IN CSG. 18.98
 PERFS.
 DISPLACEMENT 112 1/2 bbl

OWNER
 CEMENT AMOUNT ORDERED 180 ASC
 COMMON @
 POZMIX @
 GBL @
 CHLORIDE @
 ASC @ 20.90 3762.00
Mad. Glush 12-bbl @ 58.70 704.40
 HANDLING 214.58 fm @ 2.48 532.17
 MILEAGE 984.25 4/m @ 2.60 1259.05
 TOTAL 6257.62

EQUIPMENT

PUMP TRUCK CEMENTER Robert Y.
 # 409 HELPER Nathan D
 BULK TRUCK
 # 378 DRIVER Joc G
 BULK TRUCK
 # DRIVER

REMARKS:

run 110 jts of 5 1/2 14" csg receive circulation
 mix 12 bbl mad. Glush 30 sks in Rot hole
 mix 150 sks ASC down hole displace
 112 1/2 bbl of water land plug at
 1500 # release plug held land plug
 at 5:35 AM

Thank you !!!

CHARGE TO: Tengasco
 STREET
 CITY STATE ZIP

SERVICE

DEPTH OF JOB 4630
 PUMP TRUCK CHARGE 2810.84
 EXTRA FOOTAGE @
 MILEAGE 50 HVMI @ 7.70 385.00
 MANIFOLD @
50 LVMI @ 4.40 220.00
 TOTAL 3415.84

PLUG & FLOAT EQUIPMENT

5 1/2 WF float shoe @ 339.30 339.30
latch down @ 398.75 398.75
Port collar @ 1831.25 1831.25
6 centralizers @ 28.40 170.40
3 baskets @ 159.40 478.20
 TOTAL 3217.90

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)
 TOTAL CHARGES 12891.36
 DISCOUNT 2418.37 IF PAID IN 30 DAYS

PRINTED NAME
 SIGNATURE Keith Kachis

net \$ 10472.99



CEMENTING LOG

STAGE NO.

Date 120.14 District Russell Ticket No. 55016
 Company Teagasco Rig Fischer
 Lease Albuis Well No. C-#1
 Country Togo State KS
 Location Walter neg. K's Field _____
20 south 10 west Van east into
 CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type CSG Weight #15.5 Collar _____

2 1/8 TBG in @ 1989 - in 5 1/2 CSG
#15.5.
 Casing Depths: Top 0' Bottom 1989'
Port Collar set @ 1981'

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ TD _____ ft. PB. to _____ ft.
 CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
TBG Bbls/Lin. ft. _____ Lin. ft./Bbl. 1.0088
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____

CEMENT DATA:
 Spacer Type _____
 Amt. 400 Skis Yield _____ ft³/sk Density _____ PPG
60% + 4% gel + 4% Flt - seal
15% gel on the side.
 LEAD Pump Time 2 min hrs. Type LD/MS
 Excess _____
 Amt. 210 Skis Yield 1.42 ft³/sk Density _____ PPG
 TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skis Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.
 Pump Trucks Used #417 - Danny S.
 Bulk Equip. #493 - Jesse C.

CEMENTER Danny Plannental

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
9:30am						On location - Safety Meeting set up truck.
9:45am						Run 66 Jts 2 1/8 TBG @ 1989.
10:00am						Port Collar set @ 1981'
10:15am			1.14 ^{1/2} _{1/2}		1 ^{1/2} _{1/2}	Pressure to #800 PSI - tested (Good)
10:25am			4.41 ^{1/2} _{1/2}		3 ^{1/2} _{1/2}	Circulated Hole @ 4 ^{1/2} _{1/2}
11:05am			2 ^{1/2} _{1/2}		3 ^{1/2} _{1/2}	Mixed 3sk gel circulated Hole to Surface.
11:30am			34.5 ^{1/2} _{1/2}		3 ^{1/2} _{1/2}	Mixed 210 sk 60% + 4% gel + 4% Flt - seal. @ 34.5 ^{1/2} _{1/2} . Displaced 11.48 ^{1/2} _{1/2} - cement circulated to Surface.
12:00am			22 ^{1/2} _{1/2}		3 ^{1/2} _{1/2}	Washed around short way @ 22 ^{1/2} _{1/2} Job complete.
12:30am			6 ^{1/2} _{1/2}		3 ^{1/2} _{1/2}	Washed truck.

ALLIED OIL & GAS SERVICES, LLC 054835

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell KS

DATE <i>11-20-13</i>	SEC. <i>24</i>	TWP. <i>15</i>	RANGE <i>25</i>	CALLED OUT	ON LOCATION	JOB START <i>3:30 pm</i>	JOB FINISH <i>4:00 pm</i>
LEASE <i>Albers C</i>		WELL # <i>1</i>		LOCATION <i>Wabeceny KS 20S 10W 1/2N</i>		COUNTY <i>Trego</i>	STATE <i>KS</i>
OLD OR <input checked="" type="radio"/> NEW (Circle one)		Finto					

CONTRACTOR <i>American Eagle #2</i>		OWNER
TYPE OF JOB <i>surface</i>		
HOLE SIZE <i>12 1/4</i>	T.D. <i>264</i>	CEMENT
CASING SIZE <i>8 3/8 23'</i>	DEPTH <i>264</i>	AMOUNT ORDERED <i>170 com 32acc 2 3/4 gel</i>
TUBING SIZE	DEPTH	
DRILL PIPE	DEPTH	
TOOL	DEPTH	
PRES. MAX	MINIMUM	COMMON <i>170</i> @ <i>17.90</i> <i>3043.00</i>
MEAS. LINE	SHOE JOINT <i>15</i>	POZMIX @
CEMENT LEFT IN CSG. <i>15</i>		GEL @ <i>23.40</i> <i>70.20</i>
PERFS.		CHLORIDE <i>6</i> @ <i>64.00</i> <i>384.00</i>
DISPLACEMENT <i>15 3/4</i>		ASC @

EQUIPMENT

PUMP TRUCK CEMENTER <i>Robert Y</i>	
# <i>417</i> HELPER <i>Woody O</i>	
BULK TRUCK	
# <i>378</i> DRIVER <i>Jesse C</i>	
BULK TRUCK	
# DRIVER	

HANDLING <i>183.51</i> <i>CP</i>	@ <i>2.48</i>	<i>455.11</i>
MILEAGE <i>419.00</i> <i>4m</i>	@ <i>2.60</i>	<i>1089.40</i>
		TOTAL <i>5041.71</i>

REMARKS:

*run bit of 8 3/8 23' csg receive circulation
mix 170 com 32acc 2 3/4 gel displace 15 3/4
but water shut in*

SERVICE

DEPTH OF JOB	<i>264</i>	
PUMP TRUCK CHARGE	<i>1512.25</i>	
EXTRA FOOTAGE	@	
MILEAGE <i>50 HVMI</i>	@ <i>7.70</i>	<i>385.00</i>
MANIFOLD	@	
<i>50 LVMI</i>	@ <i>4.40</i>	<i>220.00</i>
		TOTAL <i>2117.25</i>

cement did circulate to surface

Thank you!

CHARGE TO: *Tengasco*
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
		TOTAL _____

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SALES TAX (if Any)	_____
TOTAL CHARGES	<i>7158.96</i>
DISCOUNT <i>1789.74</i>	IF PAID IN 30 DAYS
<i>net \$ 5369.22</i>	

PRINTED NAME _____
SIGNATURE *Keith Karlus*