

# ALLIED OIL & GAS SERVICES, LLC KB 052473

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Liberal

DATE <u>9/28/12</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>0400 9/27/12</u>	JOB START <u>2100</u>	JOB FINISH <u>2200</u>
LEASE <u>Miller</u>	WELL # <u>#8-11A</u>		LOCATION <u>Copeland</u>			COUNTY <u>Gray</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Kena: 55  
 TYPE OF JOB Intermediate  
 HOLE SIZE 8 3/4 T.D. 4867  
 CASING SIZE 7 DEPTH  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX 3000 MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 36'  
 PERFS.  
 DISPLACEMENT 185

OWNER  
 CEMENT  
 AMOUNT ORDERED  
~~200~~ <sup>13</sup> Sts Allied Light  
~~150~~ Sts A 2% Gel, 3% SALT, 16% FL-100, 15% Mate  
 COMMON 200 Sts A @ 197.10 3580.00  
 POZMIX @  
 GEL 8 Sts @ 23.40 187.20  
 CHLORIDE @  
 ASC @  
 Allied Lt. Taper 150 Sts @ 146.50 21975.00  
 Fract Seal 38 lb @ 2.97 112.86  
 FL-100 191 lb @ 18.90 3609.90  
 Sodium Meta. 28 lb @ 3.30 92.40  
 Salt 3 Sts @ 26.35 79.05  
~~1~~ @  
 Silscrite 1450 lb @ 0.98 1421.00  
 @  
 HANDLING 382 Ft @ 2.48 947.36  
 MILEAGE Drayage 839 @ 2.60 2181.40  
 TOTAL 12,312.81

**EQUIPMENT**

PUMP TRUCK CEMENTER Stephen Hanza  
 # 531-541 HELPER Ruben Chavez  
 BULK TRUCK  
 # 470-528 DRIVER Angel Tapia  
 BULK TRUCK  
 # DRIVER Visente Torres

**REMARKS:**

On location for 42 hrs only charged 12 hrs

Lost circulation on Csg gain in @ 4400

**SERVICE**

DEPTH OF JOB 4000-5000'  
 PUMP TRUCK CHARGE 2765.75  
 EXTRA FOOTAGE @  
 MILEAGE Heavy 50 @ 7.70 385.00  
 MANIFOLD @  
 Light Vehicle 50 @ 4.40 220.00  
 Additional Hrs 12 @ 440.00 5280.00

TOTAL 8650.75

CHARGE TO: Sanchez  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

Top Rubber Plug 7" 1 @ 99.45 99.45  
Centralizer 1.5 @ 65.52 98.280  
Float Collar 1 @ 886.86 886.86  
Floor Shoe 1 @ 712.53 712.53  
 @

TOTAL 2081.64

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 23,650.20

PRINTED NAME Johnnie Whiney

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Johnnie Whiney

Net = 17,757.65

Date 9-28-12 District Liberal Ticket No. 52473  
 Company Sanchez Rig \_\_\_\_\_  
 Lease Miller 88-111 Well No. \_\_\_\_\_  
 County Gray State KS  
 Location \_\_\_\_\_ Field \_\_\_\_\_

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 7" Type 355 Weight 24 Collar 8ool

Casing Depths: Top \_\_\_\_\_ Bottom 4816.7

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:

Casing: Bbbs/Lin. ft. 0.382 Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbbs/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbbs/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbbs/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Bbbs/Lin. ft. 0.2108 Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENT DATA:

Spacer Type: H2O  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type Class A 60S/251  
6%ogel .6% FL-160 .25# Floerol Excess \_\_\_\_\_  
 Amt. 150 Skys Yield 1.80 <sup>2# Gisonite</sup> ft<sup>3</sup>/sk Density 12.80 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type Class A  
2%ogel 3% salt .6% FL-160 .15# Floerol Excess \_\_\_\_\_  
 Amt. 200 Skys Yield 1.43 <sup>5# Gisonite</sup> ft<sup>3</sup>/sk Density 14.60 PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbbs.

Pump Trucks Used 54K - Arquel Tapia  
 Bulk Equip. 470-528 - Vicente

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbbs. Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
9/27/12 0400						Arrive on location
9/28/12 1815						TEST Lined Pump Lead CMT Pump Tail CMT
1825	1200		44		4	
1840	1300		46		4	
1900	1700					DISPLACE Bump Plug
1950	2300		185		7.72	

FINAL DISP. PRESS: 1700 PSI BUMP PLUG TO 2300 PSI BLEEDBACK 2 BBLs. THANK YOU