

# ALLIED OIL & GAS SERVICES, LLC 065455

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Liberal KS

DATE <u>2-17-15</u>	SEC. <u>33</u>	TWP. <u>26</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>6:00am</u>	JOB START <u>12:00pm</u>	JOB FINISH <u>2:00pm</u>
LEASE <u>ppu</u>	WELL # <u>97</u>	LOCATION <u>Vec Garden City MS</u>			COUNTY <u>Finney</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Tom Cat  
TYPE OF JOB Production  
HOLE SIZE 7 1/8 T.D. 5293  
CASING SIZE 5 1/2 DEPTH 5289  
TUBING SIZE DEPTH  
DRILL PIPE DEPTH  
TOOL DEPTH  
PRES. MAX MINIMUM  
MEAS. LINE SHOE JOINT 42.59  
CEMENT LEFT IN CSG.  
PERFS.

OWNER  
CEMENT  
AMOUNT ORDERED 250SK Class A G# Salt  
5.5% Gypseal 2%ogel 5# Kolseal .3%FL-160  
50SK 60-40-4%ogel

DISPLACEMENT 125661

COMMON <u>CB-ASA 250SK</u>	@	<u>23.80</u>	<u>5875.00</u>
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
<u>60-40 4%ogel Class A 50SK</u>	@	<u>18.92</u>	<u>946.00</u>
	@		
	@		
	@		
	@		
<u>Kol-Seal 1250 #</u>	@	<u>.98</u>	<u>1225.00</u>
<u>FL-160 71 #</u>	@	<u>18.90</u>	<u>1341.90</u>
<u>4:Vis Sup 1244</u>	@	<u>58.70</u>	<u>704.40</u>
<u>Liquid Clay Control 1244</u>	@	<u>34.40</u>	<u>412.80</u>
<u>4727.30 / 45%</u>		TOTAL	<u>10505.10</u>

EQUIPMENT  
PUMP TRUCK CEMENTER Lenny Baeza  
# 549550 HELPER Alex Corona (Victor)  
BULK TRUCK  
# 956-841 DRIVER Ramon Escaraga  
BULK TRUCK  
# DRIVER

REMARKS:

**SERVICE**

DEPTH OF JOB <u>500/- 6000</u>		
PUMP TRUCK CHARGE	<u>3099.25</u>	
<u>light vehicle 5000</u>	@ <u>4.40</u>	<u>220.00</u>
MILEAGE <u>800</u>	@ <u>7.70</u>	<u>388.00</u>
MANIFOLD	@	<u>275.00</u>
<u>Handling</u>	@ <u>2.48</u>	<u>946.03</u>
<u>Dravage</u>	@ <u>2.75</u>	<u>2236.16</u>
<u>Additional hours 2 e</u>	@ <u>440.00</u>	<u>880.00</u>
<u>3 (619.55 / 45%)</u>		TOTAL <u>8043.44</u>

CHARGE TO: Casillas Petroleum Corp.  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

<u>Guide shoe</u>		<u>281.00</u>
<u>AFU Insert</u>	@	<u>335.00</u>
<u>Cement basket</u>	@	<u>395.00</u>
<u>Centralizers 16</u>	@ <u>5.70</u>	<u>912.00</u>
<u>Turbolizers 4</u>	@ <u>95.00</u>	<u>380.00</u>
<u>Rubber plug</u>	@	<u>65.00</u>
<u>1074.60 / 45%</u>		TOTAL <u>2388.00</u>

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 \$ 20936.54  
DISCOUNT 9421.44 / 45% PAID IN 30 DAYS  
Net \$ 11,515.10

PRINTED NAME Rodney Gonzales  
SIGNATURE Rodney Gonzales

**CEMENTING LOG**

Date 2/17/2015 District Liberal # 21 Ticket No. 65455  
 Company Casillas Petroleum Corp Rig Tom Cat # 4  
 Lease P P U Well No 97  
 County Finney State Ks

Location \_\_\_\_\_  
 Field \_\_\_\_\_  
 Casing Data     Conductor     PTA     Squeeze     Misc.  
                    Surface         Intermediate     Production     Liner  
 Size 5 1/2 Type \_\_\_\_\_ Weight 15.5 Collar \_\_\_\_\_

Casing Depths    Top 0        Bottom 5289

Drill Pipe:        BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Open Hole:       BBLs/LIN. FT 0.0602 LIN. FT/BBL 16.599  
 Capacity Factors: BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Casing            BBLs/LIN. FT 0.0238 LIN. FT/BBL 42.01  
 Open Holes       BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Drill Pipe        BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Annulus          BBLs/LIN. FT 0.0309 LIN. FT/BBL 32.4  
                       BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Perforations    From \_\_\_\_\_ ft to \_\_\_\_\_ ft Amt \_\_\_\_\_

CEMENT DATA

Spacer Type Super Flush  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
12 bbls

LEAD: Time \_\_\_\_\_ hrs. Type Class A 5# Salt 5.5% Gypseal  
2% Gel 5# Kol-Seal .3% fl-160 Excess \_\_\_\_\_

Amt. 250 Sks Yield 1.58 ft<sup>3</sup>/sk Density 14.5 PPG  
 TAIL: Time \_\_\_\_\_ hrs. Type 60/40/ 4% Gel

Excess \_\_\_\_\_  
 Amt. 50 Sks Yield 1.42 ft<sup>3</sup>/sk Density 13.7 PPG  
 WATER Lead 7.1 Gal/sk Tail 6.9 Gal/sk Total \_\_\_\_\_ BBLs

Pump Trucks Used: 549-550  
 Bulk Equipment 956-841

Float Equipment: Manufacturer Weather Ford  
 Shoe: Type Guide Shoe Depth 5289  
 Float: Type AFU insert float Depth 5246  
 Centralizers:    Quantity 16 Plugs Top \_\_\_\_\_ Bottom \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equipment \_\_\_\_\_  
 Disp: Fluid Type \_\_\_\_\_ Amt \_\_\_\_\_ bbls Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_

COMPANY REPRESENTATIVE Rachy Lopez

CEMENTER Lenny Baeza

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
6:00am						On location @ 6:00am
9:30am						Rigging up to well head
11:30am						Safety meeting with rig crew and company man
12:00pm	2000					Pressure test lines to 3000psi
12:04pm	350		12		3	12 bbls of Superflush ahead of cement (closed valve to casing)
12:08pm	100		20		3	and plugged rat hole and mouse hole
12:20pm	380		90		4	Mixing tail cement total of 250 sk of cement 70 bbls of slurry
1:00pm	0		90		0	Shut down to release the plug and washing pumping lines to the pits
1:10pm	0		90		3	Plug left head and displacement of 124.8 bbls with 2 % KCL water
1:18pm	280		130		6	40bbls gone
1:24pm	540		170		6	80bbls gone
1:32pm	780		190		6	100 bbls gone
1:35pm	1180		204		3	114 bbls gone and slowing down to land the plug
1:46pm	1800		214		3	124 bbls gone and landed the plug 1800 PSI
						HAD FULL RETURNS DURNING JOB
						Leaving location @ 3:00pm