

ALLIED OIL & GAS SERVICES, LLC 065421

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Liberal, ks

DATE <u>2-4-15</u>	SEC. <u>8</u>	TWP. <u>26S</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>4:08 AM</u>	JOB START <u>7:05 AM</u>	JOB FINISH <u>5:45 PM</u>
LEASE <u>Belford</u>	WELL# <u>4-9</u>	LOCATION <u>Sublette, ks. North 24 miles to CR-50</u>			COUNTY <u>Purray</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			9.5 miles west - 2 miles South - east into				

CONTRACTOR Tomcat 4
TYPE OF JOB Production
HOLE SIZE 7 7/8 T.D. 5290
CASING SIZE 5 1/2 DEPTH 5287.92
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT 42.17
CEMENT LEFT IN CSG. 42.17 ft
PERFS.
DISPLACEMENT 125 bbls

OWNER Casillas Petroleum
CEMENT
AMOUNT ORDERED 50 SKS 60/40 Poz Class A
225 SKS ASBC Class A

EQUIPMENT
PUMP TRUCK CEMENTER Edgar Rodriguez
903-501 HELPER Alex Ayala
BULK TRUCK
955-554 DRIVER Jose Garcia (Pere)
BULK TRUCK
DRIVER

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
<u>Hi Vis Supp</u>	<u>12 bbls</u>	@	<u>58.70</u> <u>704.40</u>
<u>Allied 60/40 Poz Class A</u>	<u>50 SKS</u>	@	<u>18.92</u> <u>946.00</u>
<u>ASBC Class A</u>	<u>225 SKS</u>	@	<u>23.50</u> <u>5287.50</u>
<u>Kol Seal</u>	<u>1125 #</u>	@	<u>0.98</u> <u>1102.50</u>
<u>ft-160</u>	<u>64 #</u>	@	<u>18.90</u> <u>1209.60</u>
	@		
	@		
	@		

REMARKS:

4162.50 / 45% TOTAL 9250.00

SERVICE

DEPTH OF JOB		<u>5287.92'</u>
PUMP TRUCK CHARGE 1	<u>3099.25</u>	<u>3099.25</u>
<u>. Light 50mi</u>	@ <u>4.40</u>	<u>220.00</u>
<u>Heavy 50mi</u>	@ <u>7.70</u>	<u>385.00</u>
MILEAGE		
MANIFOLD	<u>1</u>	@ <u>275.00</u> <u>275.00</u>
<u>Handling</u>	<u>348.61 ft3</u>	@ <u>2.48</u> <u>864.54</u>
<u>Drumage</u>	<u>743.67 ton</u>	@ <u>2.75</u> <u>2045.09</u>
<u>Additional hrs</u>	<u>1</u>	@ <u>440.00</u> <u>440.00</u>
<u>3298.00 / 45%</u>	TOTAL	<u>7328.88</u>

CHARGE TO: Casillas Petroleum
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>Guide Shoe</u>	<u>1</u>	@ <u>281.00</u>	<u>281.00</u>
<u>APU Insert Float Valve</u>	<u>1</u>	@ <u>335.00</u>	<u>335.00</u>
<u>Cement Basket</u>	<u>1</u>	@ <u>395.00</u>	<u>395.00</u>
<u>Centralizers</u>	<u>16</u>	@ <u>57.00</u>	<u>912.00</u>
<u>Top Rubber Plug</u>	<u>1</u>	@ <u>85.00</u>	<u>85.00</u>
<u>903.60 / 45%</u>	TOTAL		<u>2008.00</u>

SALES TAX (If Any) _____
TOTAL CHARGES 18,586.88
DISCOUNT 8364.10 / 45% IF PAID IN 30 DAYS

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.

PRINTED NAME Terry Sarte
SIGNATURE Terry Sarte

Net = 10,222.78 ✓



CEMENTING LOG

Date 2/4/2015 District Liberal # 21 Ticket No. 65421
 Company Casillas Petroleum Rig Tomcat 4
 Lease Bedford "B" Well No 4-9
 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 _____ Bottom 5287.92

Drill Pipe: BBLS/LIN. FT _____ LIN. FT/BBL _____
 Open Hole: BBLS/LIN. FT _____ LIN. FT/BBL _____
 Capacity Factors: BBLS/LIN. FT _____ LIN. FT/BBL _____
 Casing BBLS/LIN. FT 0.0238 LIN. FT/BBL _____
 Open Holes BBLS/LIN. FT _____ LIN. FT/BBL 32.4066
 Drill Pipe BBLS/LIN. FT _____ LIN. FT/BBL _____
 Annulus BBLS/LIN. FT _____ LIN. FT/BBL _____
 Perforations From _____ ft to _____ ft Amt _____

CEMENT DATA

Spacer Type _____ HiVis Sweep _____
 Amt. _____ Sks Yield _____ ft³/sk Density 8.5 PPG

LEAD: Time _____ hrs. Type AMDC Class A 60/40 Poz
4% gel Excess 25%
 Amt. 50 Sks Yield 1.41 ft³/sk Density 13.8 PPG

TAIL: Time _____ hrs. Type ASBC Class A 100%
6 lb NaCl, 5.5% gypseal, 2% gel, 0.3% fl-160, 5 lb kol seal Excess 25%
 Amt. 225 Sks Yield 1.58 ft³/sk Density 14.5 PPG

WATER Lead 6.8 Gal/sk Tail 7.1 Gal/sk Total 187 BBLs

Pump Trucks Used: 903-501
 Bulk Equipment 955-554

Float Equipment: Manufacturer WEATHERFORD
 Shoe: Type REGULAR GUIDE SHOE Depth _____
 Float: Type AFU INSERT FLOAT VALVE Depth _____
 Centralizers: Quantity 16 Plugs Top 1 Bottom _____
 Stage Collars 1 CEMENT BASKET
 Special Equipment _____
 Disp: Fluid Type FRESH WATER Amt 125 bbls Weight 8.33 PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE Jay Senter

CEMENTER Edgar A. Rodriguez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
4:00 am						Got to location. Spoted trucks. Rig up iron On 1-31-2015
4:15						Rig running casing
5:45						Casing on bottom
6:00						Rig up floor so they can circulate
6:45						Performed safety meeting
6:55						Stab cement head and rig up lines to it.
7:05	50		12.5		2	Plug rat & mouse hole with 50 sks of cmt (12.5 bbls @13.9)
7:34	2300					Test lines to 2500 psi
7:39	190		5		2	Pump 5 bbls of fresh water
7:40	200		12		5	Pump 12 bbls of HiVis Sweep
7:42	220		5		5	Pump 5 bbls of fresh water
7:43	140		63		5	Pump 225 sks of cmt (63 bbls @14.5)
8:07						Shutdown / Clean lines / Drop plug
8:14	180				7	Pump 125 bbls of displacement
8:26	290		78		6	Displacement reached cmt
8:32	1030		115		3	Slow rate to bump plug
8:36	1180		125		3	Bumped plug. Landed at 1180 psi and took up to 1750 psi
8:40						Check floats. 1 bbl back
8:45						End job. Full returns during entire job
8:50						Rig down
9:50 am						Crew leave location

FINAL DISP. PRESS. 1180 PSI BUMP PLUG TO 1750 PSI BLEEDBACK 1-Jan BBLs **THANK YOU**