

ALLIED OIL & GAS SERVICES, LLC 065420

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Ubranal, ks

1-31-15

DATE <u>2-1-15</u>	SEC. <u>29</u>	TWP. <u>26S</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>6:30 PM</u>	JOB START <u>3:22am</u>	JOB FINISH <u>5:13 am</u>
LEASE <u>PPU</u>	WELL # <u>85 A</u>	LOCATION <u>Sublette, ks</u>			COUNTY <u>Finnly</u>	STATE <u>ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR H2 Drilling #2
 TYPE OF JOB Production
 HOLE SIZE 7 7/8 T.D. 5250
 CASING SIZE 5 1/2 DEPTH 5238.74
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 22.06
 CEMENT LEFT IN CSG. 22.06 ft
 PERFS.
 DISPLACEMENT 124 bbls

OWNER Casillas Petroleum
 CEMENT AMOUNT ORDERED 50 Skts 60/40 Po2-Class A
250 Skts ASBC Class A

EQUIPMENT
 PUMP TRUCK CEMENTER Edgar Rodriguez
 # 549-550 HELPER Alex Arala
 BULK TRUCK DRIVER José Andres Zubia
 # 774-744
 BULK TRUCK DRIVER

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
<u>Hi Vis Sweep</u>	<u>12 bbl</u>	<u>@ 58.70</u>	<u>704.40</u>
<u>60/40 Po2-Class A</u>	<u>50 skts</u>	<u>@ 18.92</u>	<u>946.00</u>
<u>ASBC-Class A</u>	<u>250 skts</u>	<u>@ 23.50</u>	<u>5875.00</u>
<u>Kol Seal</u>	<u>1250 #</u>	<u>@ 0.93</u>	<u>1225.00</u>
<u>PI-160</u>	<u>71 #</u>	<u>@ 18.90</u>	<u>1341.90</u>
	@		
	@		
	@		
	@		

REMARKS:

4541.54 / 45% TOTAL 10,092.30

SERVICE

DEPTH OF JOB		<u>5238.74</u>
PUMP TRUCK CHARGE	<u>1</u>	<u>3097.25</u> <u>3097.25</u>
	<u>Light Semi</u>	<u>@ 4.40</u> <u>220.00</u>
MILEAGE	<u>Heavy Semi</u>	<u>@ 7.70</u> <u>385.00</u>
MANIFOLD	<u>1</u>	<u>@ 275.00</u> <u>275.00</u>
	<u>Handling</u>	<u>381.46 ft³</u> <u>@ 2.48</u> <u>946.03</u>
	<u>Dragee</u>	<u>813.88 ton</u> <u>@ 2.75</u> <u>2238.16</u>
	<u>Additional Hrs</u>	<u>6</u> <u>440.00</u> <u>2640.00</u>
		<u>4411.55 / 45%</u> TOTAL <u>9803.44</u>

PLUG & FLOAT EQUIPMENT

<u>Guide Shoe</u>	<u>1</u>	<u>281.00</u>	<u>281.00</u>
<u>API Inset Float</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>Centralizer</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>Turbolizer</u>	<u>4</u>	<u>@ 95.00</u>	<u>380.00</u>
		<u>1074.60 / 45%</u>	TOTAL <u>2388.00</u>

SALES TAX (If Any)
 TOTAL CHARGES 22,283.74
 DISCOUNT 10 027.68 / 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 Rodney Gonzales
 SIGNATURE Rodney Gonzales

Net = 12,256.06



CEMENTING LOG

Date 2/1/2015 District Liberal # 21 Ticket No. 65420
 Company Casillas Petroleum Rig H 2 Drilling #2
 Lease P P U Well No 85 A
 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 _____

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 1.4 ft³/sk Density 13.89 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. 250 Sks Yield 1.58 ft³/sk Density 14.5 PPG
 WATER Lead 6.7 Gal/sk Tail 7.1 Gal/sk Total 187 BBLs

Casing Depths Top _____ Bottom 5238.74

Pump Trucks Used: 549-550
 Bulk Equipment 774-744

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 _____
 BBLs/LIN. FT _____ LIN. FT/BBL _____
 Perforations From _____ ft to _____ ft Amt _____

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 4 TURBOLIZERS
 Disp: Fluid Type FRESH WATER Amt 124 bbls Weight 8.33 PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE *Edgar A. Rodriguez* CEMENTER Edgar A. Rodriguez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
6:30 pm						Got to location. Spotted trucks. Rig up iron On 1-31-2015
7:30						Rig running casing
1:20 am						Casing on bottom
1:30						Rig up floor so they can circulate
2:50						Performed safety meeting
3:10						Stab cement head and rig up lines to it.
3:22	40		12		2	Plug rat & mouse hole with 50 sks of cmt (12 bbs @13.9)
3:50	2750					Test lines to 2500 psi
3:54	80		5		2	Pump 5 bbls of fresh water
3:56	170		12		5	Pump 12 bbls of HIVis Sweep
3:59	180		5		5	Pump 5 bbls of fresh water
4:00	150		70		5	Pump 250 sks of cmt (70 bbls @14.5)
4:21						Shutdown / Clean lines / Drop plug
4:29	160				6	Pump 124 bbls of displacement
4:44	220		80		6	Displacement reached cmt
5:00	1020		105		2	Slow rate to bump plug
5:08	1340		120		2	Bumped plug. Landed at 1340 psi and took up to 1830 psi
5:10						Check floats. 1 bbl back
5:13						End job. Full returns during entire job
5:25						Rig down
6:45 am						Crew leave location

FINAL DISP. PRESS. 1340 PSI BUMP PLUG TO 1830 PSI BLEEDBACK 1-Jan BBLs **THANK YOU**