

# ALLIED OIL & GAS SERVICES, LLC 052818

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Liberal KS

DATE <u>02-5-19</u>	SEC. <u>16</u>	TWP. <u>27S</u>	RANGE <u>34 W.</u>	CALLED OUT	ON LOCATION	JOB START <u>3:30</u>	JOB FINISH <u>4:30 a.m.</u>
LEASE <u>JONES</u>	WELL # <u>2-16</u>	LOCATION <u>Sublete ks, N to CR 50, W.</u>		COUNTY <u>Haskell</u>	STATE <u>KS</u>		
OLD OR (NEW) (Circle one)		<u>9 Miles to CRDD, N 1 1/2 M, Left at C.B.</u>					

CONTRACTOR H2 Drilling #2 OWNER W+5 to Rig. CASILLAS PETROLEUM CORP

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4</u>	T.D. <u>1600 ft</u>	CEMENT
CASING SIZE <u>8 5/8 2 1/2</u>	DEPTH <u>1676.65 ft</u>	AMOUNT ORDERED <u>600 sk ALWCA 3% CC,</u>
TUBING SIZE	DEPTH	<u>516 sk Kol Seal, 516 sk Flo Seal,</u>
DRILL PIPE	DEPTH	<u>200 sk 'A' 3% CC, 1/416 sk Flo side.</u>
TOOL	DEPTH	
PRES. MAX <u>1200 PSI</u>	MINIMUM	COMMON <u>'A' 200 sk @ 17.90 3,580.00</u>
MEAS. LINE	SHOE JOINT <u>43.12 ft</u>	POZMIX @
CEMENT LEFT IN CSG. <u>2.7 BBIS</u>		GEL @
PERFS.		CHLORIDE <u>2130 lb @ 1.10 2,343.00</u>
DISPLACEMENT <u>104.0 BBIS</u>		ASC @

EQUIPMENT

PUMP TRUCK CEMENTER <u>J Ruben Chavez</u>		ALWCA <u>600 sk @ 19.55 11,928.00</u>
# <u>531-541</u> HELPER <u>R Chavez / Ricardo Landa</u>		<u>Kol Seal 3000 lb @ .98 2,940.00</u>
BULK TRUCK		<u>Flo Seal 350 lb @ 2.97 1,039.50</u>
# <u>774-744</u> DRIVER <u>Jose Calderon</u>		
BULK TRUCK		
# <u>868-467</u> DRIVER <u>Ramon Escarcega</u>		
<u>{549-550}</u> <u>Alex Corona - Pumper</u>		
<u>Pump Truck</u>		

REMARKS: Stand by hours 4, recharge only 2.

9823.73 / 45% TOTAL 21,830.50

SERVICE

Mat. Handling <u>954.84 C.F. @ 2.48 - 2,368.00</u>	
PUMP TRUCK CHARGE <u>2,213.75</u>	
Dragage <u>1990.30 T.M @ 2.75 - 5473.33</u>	
MILEAGE <u>heavy 50 M. @ 7.20 385.00</u>	
MANIFOLD <u>thead 1 @ 275.00</u>	
Light Vehicle <u>50 M. @ 4.40 220.00</u>	
Stand by hours <u>2 @ 440.00 880.00</u>	

CHARGE TO: CASILLAS PETROLEUM CORP

5316.79 / 45% TOTAL 11,815.08

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

Guide shoe <u>1 @ 460.00</u>	
AFU Insert Float <u>1 @ 447.00</u>	
Cement Basket <u>1 @ 560.00</u>	
Centralizer <u>4 @ 75.00 300.00</u>	
Top Rubber plug <u>1 @ 131.00</u>	

884.10 / 45% TOTAL 1,898.00

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 35,543.58

DISCOUNT 15,994.61 / 45% IF PAID IN 30 DAYS

PRINTED NAME Rubén Gonzalez

SIGNATURE Rubén Gonzalez

**NET = 19,548.97**

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.



# CEMENTING LOG

Date 2/4/2015 District Liberal # 21 Ticket No. 52818  
 Company CASILLAS PETROLEUM CORP. Rig H2-DRILLING # 2  
 Lease JONES Well No 2-16  
 County HASKEL State KS.  
 Location \_\_\_\_\_  
 Field \_\_\_\_\_  
 Casing Data  Conductor  PTA  Squeeze  Misc.  
 Surface  Intermediate  Production  Liner  
 Size 8 5/8 Type J-55 Weight 24# Collar \_\_\_\_\_

## CEMENT DATA

Spacer Type 5 BBLs H2O  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density 8.33 PPG \_\_\_\_\_  
 LEAD: Time \_\_\_\_\_ hrs. Type ALWC CLASS A  
3%CC, 1/2 LB/SK FLOSEAL, 5LB/SK KOLSEAL Excess 100%  
 Amt. 600 Sks Yield 2.06 ft<sup>3</sup>/sk Density 12.41 PPG \_\_\_\_\_  
 TAIL: Time \_\_\_\_\_ hrs. Type CLASS A NEAT  
3%CC, 1/4 LB/SK FLOSEAL Excess 100%  
 Amt. 200 Sks Yield 1.2 ft<sup>3</sup>/sk Density 15.63 PPG \_\_\_\_\_  
 WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total 180 BBLs \_\_\_\_\_

Casing Depths Top \_\_\_\_\_ Bottom 1676.68 FT

Pump Trucks Used: 531-541  
 Bulk Equipment 774-744  
868-467

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 0.0637 LIN. FT/BBL 15.698  
 Open Holes BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Drill Pipe BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Annulus BBLs/LIN. FT 0.0735 LIN. FT/BBL 13.605  
 BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Perforations From \_\_\_\_\_ ft to \_\_\_\_\_ ft Amt \_\_\_\_\_

Float Equipment: Manufacturer WEATHERFORD  
 Shoe: Type GUIDESHOE Depth 1676.68 FT  
 Float: Type AFU INSERT FLOAT Depth 1633.56 FT.  
 Centralizers: Quantity 4 Plugs Top 1 Bottom \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equipment \_\_\_\_\_  
 Disp: Fluid Type H2O Amt 104 bbls Weight 9.4 PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_

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

CEMENTER \_\_\_\_\_

Ruben Chavez

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
8:30 PM.						Got to location and rig up
1:30						HAVE PRE-JOB SAFETY MEETING
3:17	170		2	2	2	Pump 2 bbls h2o
3:20						Pressure test pumping lines to 2000 psi
3:22	240		5	3	5	Start pumping spacer h2o-5 bbls
3:25	240		225	220	6	Start pum ping lead cement, 600 SK, 220 bbls slurry.
4:02	210		267.8	42.8	4	Start pum pin g tail cement, 42.8 bbls slurry.
4:15						Shut down
						Wash pu mping lines
						Drop the plug
4:18					5	Start displacement
4:26	240		307.8	40	5	Catch up cement
4:37	500		361.8	54	3	Slowdown pumping rate to 3 bpm.
4:40	0:00		371.8	10		Finished displacement
	1100					Bump the plug at 1100 PSI
4:45	1100					Release pressure, float held good
						Circulate 10 BBLs SLURRY TO PIT
						Job finished
						Rig down
						Thankyou

FINAL DISP. PRESS. 600 PSI BUMP PLUG TO 1100 PSI BLEEDBACK 0.5 BBLs THANK YOU