

ALLIED OIL & GAS SERVICES, LLC 052819

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Liberal Ks

DATE <u>02-09-15</u>	SEC <u>33</u>	TWP <u>26S</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00</u>	JOB FINISH <u>12:00 a.m.</u>
LEASE <u>PPU</u>	WELL # <u>97</u>	LOCATION <u>Sublete N. to CR 50, W to Finney</u>			COUNTY <u>Finney</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)		<u>CR DD, N 5 Miles to Tom Cat Ry</u>					

CONTRACTOR Tom Cat Drilling #74 OWNER CASILLAS PETROLEUM CORP

TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 1650 ft
 CASING SIZE 8 7/8 24 # DEPTH 1649.7 ft
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 1200 PSI MINIMUM
 MEAS. LINE SHOE JOINT 42.3 ft
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 103 BBls

CEMENT
 AMOUNT ORDERED 600 sk ALWC 'A' 3% CC,
516 sk Kof Seal, 516 sk Flo Seal,
200 sk Class 'A' 3% CC, 1/4 Flo Seal
 COMMON 'A' 200 sk @ 17.90 3,580.00
 POZMIX @
 GEL @
 CHLORIDE 2130 Lb @ 1.10 2,343.00
 ASC @
 ALWC 'A' 600 sk @ 19.85 11,928.00
 Kof Seal 3000 Lb @ .98 2,940.00
 Flo Seal 350 Lb @ 2.97 1,039.50
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EQUIPMENT
 PUMP TRUCK CEMENTER Ruben Chavez
 # 531-541 HELPER Ricardo Landa
 BULK TRUCK
 # 994-642 DRIVER Jose Calderon
 BULK TRUCK
 # 705-842 DRIVER Tony Holguin
 (Antonio)

REMARKS:

9823.73 / 45 % TOTAL 21,830.50

SERVICE

Mat Handling 954.84 ct @ 2.48 - 2,368.00
 PUMP TRUCK CHARGE 2,213.75
Dragage 1990.30 T.M @ 2.75 5,473.33
 MILEAGE Heavy 50 M @ 7.70 385.00
 MANIFOLD 1 head 1 @ 275.00
Light Vehicle 50 M @ 4.40 220.00
Stand by hours 1 @ 440.00 440.00
Circulating Iron 1 @ 1,200.00
5658.79 / 45 % TOTAL 12,575.08

CHARGE TO: CASILLAS PETROLEUM CORP.
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

Guide Shoe 1 @ 460.00
AFU Insert Float 1 @ 447.00
Cement Basket @ 560.00
Centralizer 4 @ 75.00 300.00
Top rubber plug 1 @ 131.00
854.10 / 45 % TOTAL 1,898.00

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 36,303.58
 DISCOUNT 16,336.62 / 45 % IF PAID IN 30 DAYS

PRINTED NAME Terry Souter
 SIGNATURE Terry Souter

NET = 19,966.96

CEMENTING LOG

Date 2/9/2015 District Liberal # 21 Ticket No. 52819
 Company CASILLAS PETROLEUM CORP. Rig TOM CAT # 4
 Lease PPU Well No 97
 County FINNEY CO. State KS.
 Location _____
 Field _____
 Casing Data Conductor PTA Squeeze Misc.
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight 24 # Collar _____

CEMENT DATA
 Spacer Type H20 5 BBLS
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____
 LEAD: Time _____ hrs. Type ALWC CLASS A
3%CC, 5LB/SK KOLSEAL, .5LB/SK F.S. Excess 100%
 Amt. 600 Sks Yield 2.06 ft³/sk Density 12.41 PPG
 TAIL: Time _____ hrs. Type CLASAS A NEAT
3%CC, 1/4 LB/SK FLOSEAL Excess 100%
 Amt. 200 Sks Yield 1.2 ft³/sk Density 15.63 PPG
 WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total 180 BBLS

Casing Depths Top _____ Bottom 1649.7 FT.

Pump Trucks Used: 531-541
 Bulk Equipment 994-642
705-842

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 1649.7 FT
 Float: Type AFU INSERTFLOAT Depth 1607.4 FT
 Centralizers: Quantity 4 Plugs Top 1 Bottom _____
 Stage Collars _____
 Special Equipment 1 CEMENT BASKET
 Disp: Fluid Type H20 Amt 102.5 bbls Weight 8.33 PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE *[Signature]*

CEMENTER Ruben Chavez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLS/MIN	
7:00 PM.						Got to location spot trucks and rig up.
10:10						Have a prejob safety meeting
10:31	180		2	2	2	Pump 2 bbls h20 to fill up pumping lines
10:34						Pressure test pumping lines to 2000 psi
10:37	180		5	3	5	Start pumping spacer 5 bbls h20
10:40	180		225	220	6	Start pumping lead cement 600 sk, 220 bbls slurry.
11:16	50		267.8	42.8	5	Start pumping tail cement, 42.8 bbls slurry.
11:26						Shut down
						Wash pumping lines
						Drop the plug
11:29					5	Start displacement
11:37	240		307.8	40	5.5	Catch up cement
11:47	500		360.8	53	3	Slowdown pumping rate to 3 bbpm.
11:50	650		370.8	10		Finished displacement
	1180					Bump the plug at 1180
11:55	1180					release the pressure float held good.
						Circulate 50 bbls slurry to pit
						Job finished
						Rigdown
						Thankyou

FINAL DISP. PRESS. 650 PSI BUMP PLUG TO 1180 PSI BLEEDBACK 0.5 BBLS **THANK YOU**