

ALLIED OIL & GAS SERVICES, LLC KB 053447

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Liberal Ks.

DATE <u>08-21-12</u>	SEC. <u>5</u>	TWP. <u>26</u>	RANGE <u>29</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00</u>	JOB FINISH <u>5:00</u>
REMIK LEASE	WELL# <u>S-111</u>		LOCATION <u>S. Ingalls Ks</u>			COUNTY <u>Gray</u>	STATE <u>Ks.</u>
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR <u>Kevin Lig</u>	OWNER																																						
TYPE OF JOB <u>Surface</u>																																							
HOLE SIZE <u>12 1/4</u>	T.D. <u>1515 feet</u>																																						
CASING SIZE <u>9 5/8 36 #</u>	DEPTH <u>1517 feet</u>																																						
TUBING SIZE	DEPTH																																						
DRILL PIPE	DEPTH																																						
TOOL	DEPTH																																						
PRES. MAX <u>1100 PSI</u>	MINIMUM																																						
MEAS. LINE	SHOE JOINT																																						
CEMENT LEFT IN CSG. <u>42'</u>																																							
PERFS.																																							
DISPLACEMENT <u>114 BBLs H2O</u>																																							
EQUIPMENT																																							
PUMP TRUCK CEMENTER <u>Ruben Chavez</u>																																							
# <u>531/541</u> HELPER <u>Cesar Pavia</u>																																							
BULK TRUCK																																							
# <u>456/251</u> DRIVER <u>Twa - Eddy</u>																																							
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# <u>470/528</u> DRIVER <u>Ricardo Estrada</u>																																							
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REMARKS:

Plug cement + rat hole with 50sk 60/40 4% 6cl on water disposal well # - S-15111 Remik
* Mix + pump 600sk cement and displaced with 114 BBLs H2O, 25 BBLs slurry circulate to pt. Bump Plug at 1600 PST. 1/2 BBLs Bleed back Flow hold.
Thank you

CHARGE TO: Sandoz Oil Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>1515 feet</u>
PUMP TRUCK CHARGE	<u>1,925.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>heavy Vn. 50 @ 7.00</u>	<u>350.00</u>
MANIFOLD + Head <u>1 @ 200.00</u>	<u>200.00</u>
light Vehic - M. <u>50 @ 4.00</u>	<u>200.00</u>
	@
TOTAL	<u>2,675.00</u>

PLUG & FLOAT EQUIPMENT

<u>9 5/8</u>			
Float Collar	1	@ <u>1,089.00</u>	<u>1,089.00</u>
Flapper Float chee	1	@ <u>852.00</u>	<u>852.00</u>
Centralizer	10	@ <u>75.00</u>	<u>750.00</u>
Thread locks	2	@ <u>71.00</u>	<u>142.00</u>
Joint clamps	2	@ <u>48.00</u>	<u>96.00</u>
Top Rubber plug	1	<u>158</u>	<u>158.00</u>
TOTAL			<u>3,087.00</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 22,173.63
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Johnnie Whinery
 SIGNATURE Johnnie Whinery

NET = 17,738.90



CEMENTING LOG

STAGE NO.

Date 08-21-12 District Liberal Ticket No. 53447
 Company Sanchez Oil + Gas Rig _____
 Lease Renick #5-14 Well No. 5-14
 County Gray State Ks.
 Location S.W Ingalls Ks. Field _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 9 5/8 Type _____ Weight 36 # Collar _____

Casing Depths: Top 0 Bottom 1517 feet

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 0.773 Lin. ft./Bbl. 12.93
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.558 Lin. ft./Bbl. 17.92
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: H2O 10 Bbls.
 Amt. 10 Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

Amt. 400 Skys Yield 1.97 ft³/sk Density 12.4 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____

Amt. 200 Skys Yield 1.18 ft³/sk Density 13.6 PPG

WATER: Lead 10.9 gals/sk Tail 5.2 gals/sk Total 129 Bbls.

Pump Trucks Used 531/541
 Bulk Equip. 456/231
470/528

Float Equip: Manufacturer _____
 Shoe: Type Float shoe Depth _____
 Float: Type Float collar Depth _____
 Centralizers: Quantity 10 Plugs Top 1 Btm. _____
 Stage Collars _____
 Special Equip. 2 limit clamp
 Disp. Fluid Type H2O Amt. 114 Bbls. Weight 8.34 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Johnnie W. Dinery

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.	
12:30						Got to location + rig up.
3:45			10	10	4	Pump 10 Bbls H2O - Spacer
3:50	300		192	182	5	Start mixing + pump cement
4:28			306	114	5	Drop plug + start displacement
4:51	600 1100					final displacement Pressure 600 PSI Bump the plug 1100 PSI
						Released pressure + Flow Hold.
						Good job
						Thank you.

FINAL DISP. PRESS: 600 PSI BUMP PLUG TO 1100 PSI BLEEDBACK 1/2 BBLs. THANK YOU