

ALLIED OIL & GAS SERVICES, LLC 054739

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell KS

DATE <u>11-11-13</u>	SEC. <u>24</u>	TWP. <u>18S</u>	RANGE <u>24W</u>	LOCATED BY <u>W EDGE</u>	JOB START <u>11:15</u>	JOB FINISH <u>11:45</u>
LEASE <u>UNWEL TRUST</u>	WELL # <u>4</u>	LOCATION <u>WESS CITY W</u>	STATE <u>KANSAS</u>			
OLD OR NEW (Circle one) <u>NEW</u>				LOCATION <u>1 1/4 N 1/4 W INTO</u>	COUNTY <u>WESS</u>	STATE <u>KANSAS</u>

CONTRACTOR Scott Howard Dag. Rig # 8

OWNER _____

TYPE OF JOB _____
 HOLE SIZE 12 1/4 T.D. 280
 CASING SIZE 8 5/8 DEPTH 230
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER Gibson G.
 # 366 HELPER Ben GB.
 BULK TRUCK DRIVER Danny GB.
 # 344
 BULK TRUCK DRIVER _____

REMARKS:

ran 5 new joints of 234
2 5/8 CSG. Set @ 220'
Required C. RL. of cement
of 160 SX Com 3 @ 21
D. Spaced 13 BBL BEHIND
Cement, @ SHUT IN @
200#
Cement P.D. Circulate!
Thanks

CHARGE TO: Richard Drilling & General Partnership

STREET _____ CITY _____ STATE _____ ZIP _____

CEMENT AMOUNT ORDERED <u>160 SX Com</u>	COMMON _____ @ _____	POZMIX _____ @ _____	GEL _____ @ _____	CHLORIDE _____ @ _____	ASC _____ @ _____	HANDLING _____ @ _____	MILEAGE _____ @ _____	TOTAL _____
<u>3 3/4 CC</u>	<u>2 1/2 GEL</u>							

SERVICE

DEPTH OF JOB _____	PUMP TRUCK CHARGE _____ @ _____
EXTRA FOOTAGE _____	MILEAGE _____ @ _____
MANIFOLD _____	MANIFOLD _____ @ _____
TOTAL _____	TOTAL _____

PLUG & FLOAT EQUIPMENT

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
TOTAL _____	TOTAL _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cement 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 Scott Howard

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Scott Howard



CEMENTING LOG

STAGE NO.

Date 11-19-13 District Claiborne Ticket No. 61056
 Company Richlin Drilling Rig 5202401010
 Lease Demol Barbercrows Well No. KS
 County West State MS
 Location Westley RR 1222 Field

CEMENT DATA:
 Spacer Type: Fresh water Amt: Sks Yield ft³/sk Density 6.34 PPG
 LEAD: Pump Time hrs. Type Excess
 Amt: Sks Yield ft³/sk Density PPG
 TAIL: Pump Time hrs. Type 60% class Excess
 Amt: 250 Sks Yield 1.40 ft³/sk Density 14.5 PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size Type Weight Collar

WATER: Lead gals/sk Tail gals/sk Total Bbls.
 Pump Trucks Used 366 - 1000
 Bulk Equip. 3000 - 1000 - 1000

Casing Depths: Top Bottom

Drill Pipe: Size 4 1/2 Weight 16.6 Collars
 Open Hole: Size T.D. ft. P.B. to ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 1.0637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. Lin. ft./Bbl.
 Drill Pipe: Bbls/Lin. ft. 1.0142 Lin. ft./Bbl. 70.72
 Annulus: Bbls/Lin. ft. Lin. ft./Bbl.
 Perforations: From ft. to ft. Amt

Float Equip. Manufacturer Depth
 Shoe: Type Depth
 Float: Type Depth
 Centralizers: Quantity Plugs Top Btm.
 Stage Collars
 Special Equip.
 Disp. Fluid Type Freshwater Amt Bbls Weight 6.34 PPG
 Mud Type various Amt Bbls Weight 9.2 PPG

COMPANY REPRESENTATIVE

CEMENTER Dustin C

TIME	PRESSURES PSI	FLUID PUMPED DATA			RATE Bbls Min.	REMARKS
		DRILL PIPE CASING	ANNULUS	TOTAL FLUID		
						DN to Camp - Rig up
						Had safety meeting
						Ran 4 1/2" Drill pipe
						fill hole in 6" drill pipe
						hook up cement pump
						1.1500 - 50 SKS
						2.630 - 50 SKS
						3.250 - 50 SKS
						4.50 - 20 SKS
						5. KH - 10 SKS
						6. MH - 20 SKS
						Plug Down 515 PM
						Rig Down

FINAL DISP PRESS: PSI BUMP PLUG TO PSI BLEEDBACK BLS THANK YOU

ALLIED OIL & GAS SERVICES, LLC 061058

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: 6002/Boyle/KS

DATE <u>11-19-13</u>	SEC. <u>24</u>	TWP. <u>15S</u>	RANGE <u>24W</u>	LOCATION <u>West side R Rd</u>	COUNTY <u>Wes</u>	STATE <u>KS</u>
LEASE <u>Umarel Brothers</u>	WELL # <u>4</u>	LOCATION <u>West side West side R Rd</u>		COUNTY <u>Wes</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>OLD</u>	LOCATION <u>1/2 mi before</u>		COUNTY <u>Wes</u>	STATE <u>KS</u>		

CONTRACTOR Southwind Drilling & S OWNER _____
 TYPE OF JOB Regrug Plug
 HOLE SIZE _____ T.D. _____
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1560
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 011
 PERFS. _____
 DISPLACEMENT Freshwater 1000
 EQUIPMENT _____

PUMP TRUCK CEMENTER Dustin Chambers
 # 366 HELPER Ben Neumeier
 BULK TRUCK DRIVER Keith Weathers
 # 344-170
 BULK TRUCK DRIVER _____

REMARKS:
C-11 hole with Riq Award
1 1560-50 SKS
2 530-50 SKS
3 250-50 SKS
4 60-70 SKS
5 AM - 30 SKS
6 MH - 20 SKS
Play Down 5:15 pm

CHARGE TO: Richlin Drilling
 STREET _____
 CITY _____ STATE _____ ZIP _____
 PRINTED NAME X Deere II 1077
 SIGNATURE X [Signature]
Thank You!!

CEMENT AMOUNT ORDERED 250 SKS 604. class 2
424. ps 2 44. gel 1/4 cts

COMMON @ _____
 POZMIX @ _____
 GEL @ _____
 CHLORIDE @ _____
 ASC @ _____
 HANDLING @ _____
 MILEAGE @ _____
 TOTAL _____

SERVICE _____
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE @ _____
 MILEAGE @ _____
 MANIFOLD @ _____
 TOTAL _____

PLUG & FLOAT EQUIPMENT
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL _____
 SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

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