

ALLIED OIL & GAS SERVICES, LLC

059047

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend, KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
10-31-12	24	18S	24W		10:30 PM	2:32 AM	2:40 AM
LEASE <u>Ummel Brothers Trng</u>		WELL # <u>3</u>	LOCATION			COUNTY <u>Neosho</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR Southwind # 70
 TYPE OF JOB Surface Casing
 HOLE SIZE 12 1/4" T.D. 222 ft
 CASING SIZE 8 5/8" 24" DEPTH 209.28
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 2051
 CEMENT LEFT IN CSG. 2051/1.27/5.35
 PERFS. _____
 DISPLACEMENT 12.5 Bbls Fresh Water

OWNER Richlan Drilling
 CEMENT AMOUNT ORDERED 150 sacks + 3% Cccl + 2% Gel

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

EQUIPMENT

PUMP TRUCK CEMENTER Charles Ekins
 # 224 HELPER Josh Isaac
 BULK TRUCK DRIVER Alan Generoux
 # 482/112
 BULK TRUCK DRIVER _____
 # _____

REMARKS:

Pump 5 bbls Fresh Water
Pump 36 bbls (150 sacks) Cement
Displace with 12.5 bbls Fresh Water
Leave 1.27 bbls (5.35 sacks) Cement in casing

SERVICE

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

CHARGE TO: Richlan Drilling
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or

Date: 10-31-12 District: Great Bend Ticket No. 059047
 Company: Richman Drilling Rig: Southwind 70
 Lease: Unimel Brothers Trust Well No. 3
 County: Ness State: KS
 Location: North of Ness C. Ly Field: _____

CEMENT DATA:
 Spacer Type: Fresh Water
 Amt. 931 Sks Yield _____ ft³/sk Density 8.34 PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/8 Type _____ Weight 24 Collar _____

LEAD: Pump Time _____ hrs. Type "A" + 3% Cwt
F270 Gel Excess _____
 Amt. 150 Sks Yield 1.34 ft³/sk Density 15.2 PPG

Casing Depths: Top 0 Bottom 209.25

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 6.51 gals/sk Tail _____ gals/sk Total 24 Bbls.

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4" T.D. 222 ft. P.B. to _____ ft.

Pump Trucks Used 224
 Bulk Equip. 4521112

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 10636 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. 1458 Lin. ft./Bbl. 6.5599
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 10735 Lin. ft./Bbl. 13.6034
 Perforations: From _____ ft. to _____ ft. Amt. _____

Floater Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Floater: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type FW Amt. 12.5 Bbls. Weight 8.34 PPG
 Mud Type WRH Weight 8.5 PPG

COMPANY REPRESENTATIVE [Signature]

CEMENTER [Signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS	
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period		RATE Bbls Min.
10:30 AM						Arrive Location	
2:10 AM						Casing on Bottom	
2:20 AM						Circulate	
2:32 AM	40			5	5	3	Fresh Water Spacer
2:34 AM	40			41	36	3	Cement
2:43 AM	40					3	Start Displacement
2:52 AM	60			53.5	12.5	3	Complete Displacement & Start in Rig Down
3:00 AM							Leave Location
3:30 AM							

ALLIED OIL & GAS SERVICES, LLC 059101

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend, KS

DATE <u>11-03-12</u>	SEC. <u>24</u>	TWP. <u>15S</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION <u>2:15 PM</u>	JOB START <u>8:00 AM</u>	JOB FINISH <u>9:00 PM</u>
LEASE <u>Admiral Well Co</u>	WELL # <u>3</u>	LOCATION <u>96W to Hwy C. + J. Turn North on 153 to 11th Road. Turn West 1/2 mi.</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Southwin 70
 TYPE OF JOB PTA
 HOLE SIZE 7 7/8" T.D. _____
 CASING SIZE 8 7/8" 24" DEPTH 222 ft
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2" 16.60" DEPTH 1650 ft
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Richlan Drilling
 CEMENT
 AMOUNT ORDERED 270 sy 60/40 + 4% G-1
+ 25% 1/2" Flu-Seal

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

EQUIPMENT

PUMP TRUCK CEMENTER Charles Ekins
 # 398 HELPER Kevin Eddy + Abn Gennery
 BULK TRUCK
 # 344/170 DRIVER Dan Cooper
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Plug 1 @ 1650 ft: 6FW, 12.5 cent, 2FW, 16WBH (50 sy)
 Plug 2 @ 810 ft: 6FW, 20 cent, 4FW (80 sy)
 Plug 3 @ 420 ft: 6FW, 10 cent, 2FW (40 sy)
 Plug 4 @ 250 ft: 6FW, 12.5 cent, 1FW (50 sy)
 Plug 5 @ 60 ft: 5 cent, 1FW (20 sy)
 Plug Real Hole with 7.5 6 1/8 (30 sy) Cement

TOTAL _____

SERVICE

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

CHARGE TO: Richlan Drilling
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper(s) to assist owner or

Date 11-03-12 District Great Bend Ticket No. 059101
 Company R. Chiles Drilling Rig Southwind 170
 Lease Higdon Brothers Trust Well No. 3
 County KS State KS
 Location North of Moss City Field _____

CEMENT DATA:
 Spacer Type: Fresh Water
 Amt. 8351 Skys Yield _____ ft³/sk Density 8.34 PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8" Type _____ Weight 24# Collar _____

LEAD: Pump Time _____ hrs. Type 60/40 + 4% gel
1.25% Fluor Seal Excess _____
 Amt. 270 Skys Yield 1.4 ft³/sk Density 14.2 PPG

Casing Depths: Top 0 Bottom 222

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 67 gals/sk Tail _____ gals/sk Total 43 Bbls.

Drill Pipe: Size 4 1/2" Weight 16.60 Collars _____
 Open Hole: Size 7 3/8" T.D. 1800 ft. P.B. to _____ ft.

Pump Trucks Used 398
 Bulk Equip. 344/170

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0636 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. .0602 Lin. ft./Bbl. 16.5493
 Drill Pipe: Bbls/Lin. ft. .01422 Lin. ft./Bbl. 70.32
 Annulus: 6 1/8" Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.6474
6 7/8" Bbls/Lin. ft. .0440 Lin. ft./Bbl. 22.72
 Perforations: From _____ ft. to _____ ft. Amt. _____

Floater Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Floater Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Water + FW Amt. 34 Bbls. Weight 8.34 PPG
 Mud Type Water Weight 8.34 PPG

COMPANY REPRESENTATIVE Jim [Signature]

CEMENTER [Signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS	
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period		RATE Bbls Min.
2:15 PM						Arrive Location	
5:39 PM		70		6	6	3	Pump Fresh Water Ahead
5:42 PM		70		12.5	12.5	3	Plug 1 Cement
5:46 PM		70		34.5	16	3	Displace with Fresh Water
5:55 PM							POOH
6:39 PM		70		42.5	6	3	Fresh Water Ahead
6:42 PM		70		60.5	20	3	Plug 2 Cement
6:48 PM		70		64.5	4	3	Displace with Fresh Water
6:53 PM							POOH
8:06 PM		70		70.5	6	3	Fresh Water Ahead
8:09 PM		70		80.5	10	3	Plug 3 Cement
8:13 PM		70		82.5	2	3	Displace
8:15 PM							POOH
8:26 PM		70		88.5	6	3	Fresh Water Ahead
8:29 PM		70		101	12.5	3	Plug 4 Cement
8:34 PM		70		102	1	3	Displace
8:36 PM							POOH
8:51 PM		70		107	5	3	Plug to Surface
8:54 PM		70		114.5	7.5	3	Plug Bot Hole
9:01 AM							Wash up + Rig Down
9:30 AM							Leave Location