



ALLIED OFS, LLC

Federal Tax I.D. #81-2169190

68178

REMIT TO: Allied OFS, LLC
P.O. Box 205803
Dallas, TX 75320-5803

SERVICE POINT: Oakley 15

DATE <u>10/25/16</u>	SEC. <u>5</u>	TWP. <u>7</u>	RANGE <u>28</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30</u>	JOB FINISH <u>9:30</u>
LEASE <u>Schambarger</u>	WELL # <u>1-5</u>	LOCATION <u>Hoxie N 70 R 290 1W</u>			COUNTY <u>Sheridan</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>5ints</u>			

CONTRACTOR <u>MuFin 7</u>
TYPE OF JOB <u>PTT</u>
HOLE SIZE <u>7 7/8</u> T.D.
CASING SIZE <u>8 1/8</u> DEPTH <u>290'</u>
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER Sue

CEMENT AMOUNT ORDERED 255 60/40 45 0 and 114 P.C.

EQUIPMENT	
PUMP TRUCK CEMENTER <u>Alan Ryan</u>	
# <u>566-281</u> HELPER <u>Alan Ryan</u>	
BULK TRUCK	
# <u>891</u> DRIVER <u>Jade Mitten</u>	
BULK TRUCK	
# DRIVER	

COMMON <u>255 SK</u> @ <u>18⁰⁰</u> <u>4824⁰⁰</u>
POZMIX @
GEL @
CHLORIDE @
ASC @
<u>Flo Seal 64 kg</u> @ <u>2⁰⁰</u> <u>190⁰⁰</u>
@
@
@
@
@
@

TOTAL 5014.68

DISCOUNT 50% 2507.34

REMARKS:

50 SK @ 2500'
100 SK @ 1665'
50 SK @ 340'
10 SK @ 40'
30 SK - R.H.
15 SK - M.H.

SERVICE

HANDLING <u>273⁰⁰</u> @ <u>2⁴⁰</u> <u>679⁰⁰</u>
MILEAGE <u>225</u> @ <u>11⁰⁰</u> <u>2475⁰⁰</u>
DEPTH OF JOB
PUMP TRUCK CHARGE <u>2483⁰⁰</u>
EXTRA FOOTAGE @
HV MILEAGE <u>40</u> @ <u>7⁰⁰</u> <u>280⁰⁰</u>
LV MILEAGE <u>40</u> @ <u>4⁴⁰</u> <u>176⁰⁰</u>
@
@

TOTAL 4900.58

DISCOUNT 50% 2450.26

CHARGE TO Sue Murr
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>8512 Median Plug</u> @ <u>110⁰⁰</u>
@
@
@
@

TOTAL 110.00

DISCOUNT 50% 55.00

To: Allied OFS, 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.

PRINTED NAME KELLY WILSON
 SIGNATURE Kelly Wilson

SALES TAX (If Any) _____
 TOTAL CHARGES 10,025.20
 DISCOUNT 5,012.60 (50%) IF PAID IN 30 DAYS
 NET TOTAL 5,012.60 IF PAID IN 30 DAYS



CEMENTING LOG

STAGE NO. _____

Date 10/5/16 District Rocky Ticket No. 68178
 Company Superior Rig 102507
 Lease Shenberger Well No. 15
 County Spencer State WV
 Location _____ Field _____

CEMENT DATA:
 Spacer Type: 1170
 Amt. 10 Skys Yield _____ ft³/sk Density _____ PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 1/2 Type _____ Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type 10/10 400 gal
 Excess _____
 Amt. 255 Skys Yield 142 ft³/sk Density 135 PPG

Casing Depths: Top 66 Bottom 270

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 6.5 gals/sk Tail _____ gals/sk Total _____ Bbls.

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

Pump Trucks Used 566-287
 Bulk Equip. 897

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 0.037 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 0.142 Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 0.1 Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type 1/2" mud Amt. _____ Bbls. Weight _____ PPG
 Mud Type 1/2" mud Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER MA

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						orientation SPD, rot, Setup
				10.0	6.0	Prog spacer
				8.14		Mix 50 SK @ 2980 diffuse w/ mud
				16.14		Mix 100 SK @ 1665 diffuse w/ mud
				8.14		Mix 50 SK @ 340'
				2		Mix 10 SK @ 40'
				5.0		Mix 30 SK - R H
				2.14		Mix 15 SK M H