

ALLIED OIL & GAS SERVICES, LLC 064630

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Dakota, KS

DATE <u>12-17-14</u>	SEC. <u>18</u>	TWP. <u>5</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>1:30 pm</u>	JOB START <u>2:30 pm</u>	JOB FINISH <u>3:00 pm</u>
LEASE <u>Ratcliff</u>	WELL # <u>1-18</u>	LOCATION <u>Gaminto Co. Line, 1 N,</u>			COUNTY <u>Rawlins</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>2W, 1 Yr, 1/2 in info</u>				

CONTRACTOR Murphy S
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 302'
 CASING SIZE 8 7/8 DEPTH 303.28'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 25'
 PERFS.
 DISPLACEMENT 18245 661

OWNER Same
 CEMENT
 AMOUNT ORDERED 180 s/s com 380cc
 COMMON 180 s/s @ 12.90 3222.00
 POZMIX @
 GEL @
 CHLORIDE 58* @ 1.10 58.80
 ASC @

EQUIPMENT
 PUMP TRUCK CEMENTER LaRone Ewens
 # 323/281 HELPER Wayne Maghughy
 BULK TRUCK
 # 818/287 DRIVER Kevin Ryan
 BULK TRUCK
 # DRIVER

Material Total @ 3,780.80
(1134.24/30%)
 HANDLING 189.84 @ 2.48 468.72
 MILEAGE 2.72 mi x 35 x 2.75 838.70

REMARKS:
Mix 180 s/s cement
Displace with water
Cement did circulate.
15 s/s to pit

TOTAL

CHARGE TO: Samuel Gay & Associates
 STREET
 CITY STATE ZIP

SERVICE
 DEPTH OF JOB
 PUMP TRUCK CHARGE 1512.25
 EXTRA FOOTAGE @
 MILEAGE MELW 35 @ 7.20 269.50
 MANIFOLD @ 275.00
MELW 35 @ 4.40 154.00
(1055.45/30%) TOTAL 3,518.17

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.

PLUG & FLOAT EQUIPMENT
 @
 @
 @
 @
 @

PRINTED NAME Rodney Farr
 SIGNATURE Rodney Farr

TOTAL
 SALES TAX (If Any)
 TOTAL CHARGES 7,298.97
 DISCOUNT 2,189.69 (30%) IF PAID IN 30 DAYS
5,109.27 Net.



CEMENTING LOG

STAGE NO.

Date 12-19-14 District Oakley, CO Ticket No. 64630
 Company Jay Gandy & Associates Rig Merrill 8
 Lease Rocky Mt Well No. L-18
 County Rawlins State CO
 Location 18-S-32 Field
Gam N to the Lind, W, 24, 1720, Yad with
 CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 7/8 Type new Weight 8.9 # Collar

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

LEAD: Pump Time _____ hrs. Type Comm 320cc
 Excess _____
 Amt. 180 Skys Yield L-18 ft³/sk Density 15.8 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Casing Depths: Top R.B Bottom 303.28

Pump Trucks Used 373/281 - Wayne
 Bulk Equip. 878/287 - Kevin

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 302 ft ft. P.B. to _____ ft.
 CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .864 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ 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 Water Amt. 19.45 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER LaRene

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
x 2:30						Hold Safety meeting
}						Start water
						Start cement - 180 SKs
						weigh cement 15.8 #
						Stop cement
				3.0		Wash pump & lines
				15.45		Displace with water
x 3:00						Cement did circulate
						1.3 SKs top it

Thank you
 [Signature]

Hold Safety meeting