

ALLIED OIL & GAS SERVICES, LLC 062747

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Med Lodge KS

DATE <u>4/6/14</u>	SEC. <u>33</u>	TWP. <u>42</u>	RANGE <u>28</u>	4/5/14 CALLED OUT <u>9:30 PM</u>	4/6/14 ON LOCATION <u>1:30 AM</u>	JOB START <u>7:00 AM</u>	JOB FINISH <u>11:30 AM</u>
LEASE <u>Schmidt</u>		WELL # <u>4-1H</u>		LOCATION <u>Wellington KS, East on 160 to Broadway,</u>		COUNTY <u>Sumner</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)		North to 30, East 1 mile, North 1/2 mi, West into					

CONTRACTOR <u>Nabors</u>	OWNER <u>Source Energy</u>
TYPE OF JOB <u>Intermediate</u>	
HOLE SIZE <u>8 1/2</u>	T.D. <u>4126</u>
CASING SIZE <u>7</u>	DEPTH <u>4104</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>4000</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>44</u>
CEMENT LEFT IN CSG. <u>44</u>	
PERFS.	
DISPLACEMENT <u>159 1/2 BBLs Fresh H₂O</u>	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Jason Thimerch</u>
# <u>558/555</u>	HELPER <u>Scott Priddy</u>
BULK TRUCK	
# <u>819/823</u>	DRIVER <u>James Bowen</u>
BULK TRUCK	
#	DRIVER

CEMENT		
AMOUNT ORDERED	<u>360 ex Class A + 6%</u>	
	<u>FL-160 + 15% C-45 + 3% Salt + 5# Kalsol</u>	
	<u>12 BBLs ASF</u>	
COMMON <u>Class A</u>	<u>360 ex @ 17.90</u>	<u>6444.00</u>
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	
FL-160	<u>162 ex @ 18.90</u>	<u>3061.80</u>
C-45	<u>22 lbs @ 3.47</u>	<u>76.34</u>
Salt	<u>7 ex @ 26.35</u>	<u>184.45</u>
Kalsol	<u>1150 lbs @ 0.98</u>	<u>1127.00</u>
	@	
FL-160	@	
ASF	<u>12 BBL @ 58.70</u>	<u>704.40</u>
Circ Iron	@	<u>450.00</u>
HANDLING <u>418.37 cu ft</u>	@ <u>2.48</u>	<u>1032.59</u>
MILEAGE <u>738.8 miles</u>	@ <u>2.60</u>	<u>1919.27</u>
		TOTAL <u>14999.85</u>

WELL NAME Schmidt MARKS: 33-42-28-41H

WELFARE# 100740

GLACCT 830.100 AMT # 17,291.05

GLACCT AMT #

EXCELLENT GOOD POOR

DESCRIPTION Center 7" Intermediate

First casing packoff

SIGNATURE [Signature] DATE 4/6/14

SUPERVISOR [Signature]

CHARGE TO: Source Energy

STREET _____

CITY _____ STATE _____ ZIP _____

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.

PRINTED NAME _____

SIGNATURE _____

SERVICE

DEPTH OF JOB <u>4104</u>	
PUMP TRUCK CHARGE	<u>2558.75</u>
EXTRA FOOTAGE	@
MILEAGE <u>40 mi</u>	@ <u>7.70</u> <u>308.00</u>
MANIFOLD	@ <u>275.00</u>
LV <u>40 mi</u>	@ <u>4.40</u> <u>176.00</u>
Misc Pump Charge	@ <u>2915.00</u>
	TOTAL <u>6232.75</u>

PLUG & FLOAT EQUIPMENT

<u>7"</u>		
Rubber Plug	1 @	<u>99.45</u>
Seal Seal Float Shoe	1 @	<u>712.53</u>
Seal Seal Float Collar	1 @	<u>886.86</u>
Spiral Gliders	6 @ <u>158.12</u>	<u>948.72</u>
Centralizers	10 @ <u>65.52</u>	<u>655.20</u>
Thread Lock Kit	2 @ <u>83.07</u>	<u>166.14</u>
	TOTAL	<u>3468.90</u>

SALES TAX (If Any) _____

TOTAL CHARGES 24701.50

DISCOUNT _____ IF PAID IN 30 DAYS

Net 17,291.05

Date 4/6/14 District Aed Lodge KS Ticket No. 62747
 Company Source Energy Rig Nabor
 Lease Schmidt Well No. 4-1H
 County Sumner State KS
 Location Vic Wellington KS Field 33-42-28

CEMENT DATA:
 Spacer Type: ASF 12 BBL
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 7 Type _____ Weight 23 Collar _____

LEAD: Pump Time _____ hrs. Type Class A + 6% FL-160†
.15% C-45 + 3% Salt + 5# Kol seal Excess _____
 Amt. 260 Sks Yield 1.44 ft³/sk Density 14.48 PPG _____
 TAIL: Pump Time _____ hrs. Type Class A + 6% FL-160†
.15% C-45 + 3% Salt + 5# Kol seal Excess _____
 Amt. 100 Sks Yield 1.19 ft³/sk Density 15.7 PPG _____
 WATER: Lead 6.38 gals/sk Tail 4.5 gals/sk Total _____ Bbls. _____

Casing Depths: Top _____ Bottom 4104

Pump Trucks Used 558/555
 Bulk Equip. 819/823

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 8 3/4 T.D. 4126 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0394 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. .0268 Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type Sure Seal Shoe Depth _____
 Float: Type Sure Seal Collar Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh Amt. _____ Bbls. Weight _____ PPG _____
 Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE Barry

CEMENTER Jason Thimesch

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
130AM						Arrive on loc, Safety meeting, running casing
530AM						On Bottom start circ halt
530AM						Rig down casing, rig up cement
600AM						Safety meeting, Spot in, rig up
708AM	3500		1/4 BBL		1/4	Press test
710AM	300		12 BBL		5 1/2	Pump Preflush
720AM	400		67 BBL		5 1/2	Mix + Pump 1d cement slurry Est TOC 869'
	200		21 BBL		5 1/2	Mix + Pump TL cement Slurry Est TOC 3357'
755AM						Shut down, Release Plug
757AM			100		6	Start Displacement
	200		90 BBL		200 3 1/2	Lift Press slow rate
	1100		150 BBL		3	Slow to Bump Plug
840AM	1700		157 1/2 BBL		0	Bump Plug, hold 5 min Release Float did hold
900AM						Tool hand Prep
1045AM						Rig up to BS for Press test
1053AM	4000		1/4		1/4	Pretest to 4000 hold 5min
						Remove Plug
1120AM	3000		2 BBL		1/4	Pretest casing to 3000 Hold 5min