

# ALLIED OIL & GAS SERVICES, LLC 063166

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
MEDICINE LODGE 105

DATE <u>9-8-14</u>	SEC <u>34</u>	TWP. <u>34S</u>	RANGE <u>10 W</u>	CALLED OUT <u>1:00 AM</u>	ON LOCATION <u>3:00 AM</u>	JOB START <u>6:15 AM</u>	JOB FINISH <u>7:30 AM</u>
LEASE <u>KNORP FARMS</u>	WELL # <u>34-2H</u>	LOCATION <u>HAZELTON KS 1.7 S 1 E</u>			COUNTY <u>BARBER</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>1 S . 1 W 5 ENT0</u>				

CONTRACTOR NOMAC #7  
 TYPE OF JOB INTERMEDIATE  
 HOLE SIZE 8 3/4 T.D. 5295  
 CASING SIZE 7" DEPTH 5284  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 84  
 CEMENT LEFT IN CSG. 84 FT  
 PERFS.  
 DISPLACEMENT FRESH H2O 199 BBLs

OWNER THPSTONE ENERGY  
 CEMENT  
 AMOUNT ORDERED 130 SX 50:50 POZ BLOWND  
2% GEL .4% FL-160 .1% C51  
90 SX CLASS A +.8% FL 160 .2% CD 31

**EQUIPMENT**

PUMP TRUCK CEMENTER SCOTT PRIDDY  
 # 548-545 HELPER JUSTIN BOWEN  
 BULK TRUCK  
 # 819-823 DRIVER RON GILLEY  
 BULK TRUCK  
 # DRIVER

COMMON <u>CLASS A 90</u>	@	<u>17.90</u>	<u>1611.00</u>
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
<u>ALLIED 50:50 POZ BLOWND</u>	@	<u>14.40</u>	<u>1872.00</u>
<u>FL-160</u>	<u>112</u>	@ <u>18.90</u>	<u>2116.80</u>
<u>SA-57</u>	<u>11</u>	@ <u>17.53</u>	<u>193.05</u>
<u>CD 31</u>	<u>17</u>	@ <u>10.30</u>	<u>175.10</u>
<u>SUPERFLUSH</u>	<u>20</u>	@ <u>58.70</u>	<u>1174.00</u>
HANDLING	@		
MILEAGE			
<u>30% 2142.57</u>			
<b>TOTAL</b>			<u>7141.95</u>

**REMARKS:**

DC14015  
 KNORP FARMS 3410 342H  
 NOMAC 7  
 PH. 37  
 11900  
 9/8/2014

**SERVICE**

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>3099.25</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>25</u>	@ <u>7.70</u>	<u>192.50</u>
MANIFOLD	@		<u>275.00</u>
<u>DETHAGE TM</u>	<u>246.72</u>	@ <u>2.60</u>	<u>641.47</u>
<u>HANDLING FT<sup>3</sup></u>	<u>227.25</u>	@ <u>2.45</u>	<u>563.66</u>
<u>LV</u>	<u>25</u>	@ <u>4.40</u>	<u>110.00</u>
<u>30% 1464.56</u>			
<b>TOTAL</b>			<u>4881.88</u>

CHARGE TO: THPSTONE ENERGY  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

<u>TDD RUBBER PLUG</u>	@		<u>99.45</u>
<u>BOTTOM RUBBER PLUG</u>	@		<u>79.00</u>
<u>SURE SEAL FLOYD COLLAR</u>	@		<u>897.00</u>
<u>FLOAT SHOE</u>	@		<u>750.00</u>
<u>THREAD LOCIC</u>	@		<u>85.00</u>
<u>-30% 570.14</u>			

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

Date 9-8-14 District M.L. 22 Ticket No. 62039  
 Company Tapstone Rig Nomecc #7  
 Lease Kappa Farms Well No. 3410 34-2H  
 County Barber State KS  
 Location Hazleton Ks 1.75, 1F Field \_\_\_\_\_  
IS, 1W, SIN

CEMENT DATA:  
 Spacer Type: 20 Bbls Super Flush  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 7" Type \_\_\_\_\_ Weight 26# Collar \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type 50:50+2% gel  
+ .4% FI-160 + .1% SASI Excess \_\_\_\_\_  
 Amt. 130 Sks Yield 1.40 ft<sup>3</sup>/sk Density 13.6 PPG  
 TAIL: Pump Time \_\_\_\_\_ hrs. Type Class 'A' + 2.8%  
FI-160 + .2% CO-31 Excess \_\_\_\_\_  
 Amt. 90 Sks Yield 1.18 ft<sup>3</sup>/sk Density 15.6 PPG  
 WATER: Lead 6.75 gals/sk Tail 5.17 gals/sk Total 32 Bbls.

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Pump Trucks Used 548-545  
 Bulk Equip. 819-823

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 8 3/4 T.D. 5295 ft. P.B. to \_\_\_\_\_ ft.

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type DOWN SET FLOAT SHOE Depth 5283  
SHURG SEAL FLOAT COLLAR Depth 5198  
 Float: Type \_\_\_\_\_ Plugs Top RUBBER Btm. RUBBER

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 1.0383 Lin. ft./Bbl. 26.14  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. 1.0268 Lin. ft./Bbl. 37.3484  
 Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type Fresh H2O Amt. 199 Bbls. Weight 8.33 PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER SCOTT PRIDD

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
3:00 AM						ON LOCATION TAILGATE MEETING
						SPOT TO RIG UP
						PREJOB SAFETY MEETING
6:25 AM		2300				PRESSURE TEST
6:25 AM		400		20	5	PUMP SPACER
6:30 AM						SHUT DOWN RELIEVE BOTTOM PLUG
6:35 AM		600		32 1/2	5	PUMP LEAD CEMENT
6:50 AM		300		19	3	PUMP TAIL CEMENT
7:00 AM						SHUT DOWN RELIEVE TOP PLUG
7:00 AM		600			6.5	START DISPLACEMENT
7:15 AM						LAND BOTTOM PLUG
7:20 AM		1100		190	3	SLOW RATE
7:30 AM		1600		199	3	BUMP PLUG
						RELIEVE PRESSURE
						FLOAT DID HOLD

FINAL DISP. PRESS: 1100 PSI BUMP PLUG TO 1600 PSI BLEEDBACK 1 1/2 BBLs. THANK YOU

Tapstone Energy  
Knorp Farms 34:10 #34-2H

