



# ALLIED

CEMENTING CO., LLC  
Cementing & Acidizing Services

## CEMENTING LOG

STAGE NO.

Date 9-8-2013 District ML Ticket No. 59569  
Company Source Rig Tonco H 2  
Lease Stutners Well No. 14-41  
County Sumner State KS  
Location vic South Haven, KS Field 14-33s-1e

CASING DATA: Conductor ☐ PTA ☒ Squeeze ☐ Misc ☐  
Surface ☐ Intermediate ☐ Production ☐ Liner ☐  
Size 4 1/2 Type Drill Pipe Weight \_\_\_\_\_ Collar \_\_\_\_\_

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

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

### CAPACITY FACTORS:

Casing: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. 70.32  
Annulus: Bbls/Lin. ft. .0085 Lin. ft./Bbl. 24.6  
Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

### CEMENT DATA:

Spacer Type: \_\_\_\_\_  
Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type 60:40:49:60  
Excess \_\_\_\_\_

Amt. 150 Sks Yield 1.40 ft<sup>3</sup>/sk Density 14.1 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead 6.7 gals/sk Tail \_\_\_\_\_ gals/sk Total 24 Bbls.

Pump Trucks Used 558-555

Bulk Equip. 561 553

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG

Mud Type D.S. 100 - 3 bbls water 42 min Weight \_\_\_\_\_ PPG

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

CEMENTER DGlin Franklin

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
	400					Pipe on bottom Circulate bottom up
						1st Plug - 3950
	400			8 bbls	5	Pump 8 bbls water ahead
	400			9 bbls	5	mix 355x Cement
	400			50 bbls	5	Displace 3 bbls water 40 bbls mud
						2nd Plug - 340'
	200			9 bbls	5	Pump 9 bbls water
	200			7 bbls	5	mix 355x Cement
	200			3 bbls	5	Displace 3 bbls water
						3rd Plug - 60'
	100			6 bbls	3	mix 255x Cement
						4th Plug
	100			7 bbls	3	mix 305x Cement
						Mouse hole
	100			5 bbls	3	mix 205x Cement

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs.

THANK YOU



# ALLIED OIL & GAS SERVICES, LLC 059569

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Medicine Lodge KS

DATE <u>9/8/2013</u>	SEC. <u>14</u>	TWP. <u>33S</u>	RANGE <u>1E</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>3:45 PM</u>
LEASE <u>Sturmers</u>	WELL # <u>14-41</u>	LOCATION <u>South Haven, KS, 1551 on Hwy 166 to Oliver Rd, S. 1/4, 31/2 N. 1/2</u>			COUNTY <u>Sumner</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR <u>Tomcat #2</u>		OWNER <u>Savice</u>
TYPE OF JOB <u>Reilly Plus</u>		
HOLE SIZE	T.D.	CEMENT
CASING SIZE	DEPTH	AMOUNT ORDERED <u>150s x 60.40 4 1/2 60s</u>
TUBING SIZE	DEPTH	
DRILL PIPE <u>4 1/2</u>	DEPTH <u>3950'</u>	
TOOL	DEPTH	
PRES. MAX	MINIMUM	COMMON _____ @ _____
MEAS. LINE	SHOE JOINT	POZMIX _____ @ _____
CEMENT LEFT IN CSG.		GEL _____ @ _____
PERFS.		CHLORIDE _____ @ _____
DISPLACEMENT <u>3 bbls water, 47 bbls mud</u>		ASC _____ @ _____
EQUIPMENT		_____ @ _____
PUMP TRUCK CEMENTER <u>Dean J.</u>		_____ @ _____
# <u>558-555</u> HELPER <u>Scott P.</u>		_____ @ _____
BULK TRUCK		_____ @ _____
# <u>561-553</u> DRIVER <u>James B.</u>		_____ @ _____
BULK TRUCK		_____ @ _____
#	DRIVER	_____ @ _____
		HANDLING _____ @ _____
		MILEAGE _____ @ _____

## REMARKS:

1st Plug - 3950 - 8 bbls water, 47 bbls mud  
Displace 3 bbls water, 47 bbls mud  
2nd Plug - 3940 - 9 bbls water, 47 bbls mud  
Displace 2 bbls water  
3rd Plug - 60 - mix 255x cement  
Rough mix 305x cement  
Maintenance mix 205x cement

TOTAL \_\_\_\_\_

## SERVICE

DEPTH OF JOB <u>3905'</u>	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE _____ @ _____	
MILEAGE _____ @ _____	
MANIFOLD _____ @ _____	
_____ @ _____	
_____ @ _____	

TOTAL \_\_\_\_\_

CHARGE TO: Tomcat

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

## PLUG & FLOAT EQUIPMENT

<u>None</u>	@	
	@	
	@	
	@	
	@	

TOTAL \_\_\_\_\_

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.

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

PRINTED NAME X

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE X

Felix Estigar  
\$6,171.97

Thank you!!!