



# CEMENTING LOG

STAGE NO.

Date 1-10-13 District Russell Ticket No. 56854  
 Company Barline Oil LLC Rig WW 12  
 Lease Katiff-b langerin Unit Well No. 1-17  
 County Smith State KS  
 Location Kensington 7N 1/2 W Field Ninto

CEMENT DATA:

Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ P  
 LEAD: Pump Time \_\_\_\_\_ hrs. Type 60/40 49 gci  
1/4 #F10 Excess \_\_\_\_\_  
 Amt. 230 Sks Yield 1.41 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 \_\_\_\_\_ Bbls.  
 Pump Trucks Used 417-Woody O  
 Bulk Equip. 410-Nathan D

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

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

Drill Pipe: Size 4 1/2 Weight 16.6 Callers \_\_\_\_\_  
 Open Hole: Size 7 7/8 T.D. 3948 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. 0.1422 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 \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE [Signature]

CEMENTER [Signature]

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Arrive on location
						Safety meeting
						set up
			4661			p1 25 sks @ 3900 ft
			5 min			displace with mud
			4661			p2 25 sks @ 1450 ft
			2 min			displace with mud
			16661			p3 100 sks @ 1000 ft
			5661			displace with water
			7661			p4 40 sks @ 275 ft
			2661			displace with water
						set wooden plug
			2661			top off hole
			5661			plug rat hole
						wash up
						tear down
						leave location

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

API: 15-183-20019-00-00

# ALLIED OIL & GAS SERVICES, LLC 056854

Federal Tax I.D.# 20-5975804

API: 15-183-20019-00-00

REMIT TO: P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
1-10-13	17	2	15			4:30 AM	5:00 AM
LEASE <u>Wagner</u> WELL# <u>1-17</u> LOCATION <u>Kearney Kensington 7N 1/2 W</u>						COUNTY <u>Smith</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR WU 12 OWNER \_\_\_\_\_

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 3948 CEMENT AMOUNT ORDERED 230 60/40 49 gal  
CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_ 1/4 # 10

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 16.6 # DEPTH 3900

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER Robert Y Bob S.  
# 417 HELPER Woody O  
BULK TRUCK  
# 410 DRIVER Nathan D  
BULK TRUCK  
# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>138</u>	@	<u>17.90</u>	<u>2470.20</u>
POZMIX	<u>92</u>	@	<u>9.35</u>	<u>860.20</u>
GEL	<u>8</u>	@	<u>23.40</u>	<u>187.20</u>
CHLORIDE		@		
ASC		@		
<u>10 seal 50# 22x</u>		@	<u>2.97</u>	<u>148.50</u>
HANDLING	<u>246.67 ft</u>	@	<u>2.48</u>	<u>611.73</u>
MILEAGE	<u>856.145 1/m</u>	@	<u>2.60</u>	<u>2225.98</u>
				TOTAL <u>6503.81</u>

**REMARKS:**

p1 25 @ 3900  
p2 25 @ 1450  
p3 100 @ 1000  
p4 40 @ 275  
p5 10 @ 40  
Rathole 30 @

**SERVICE**

DEPTH OF JOB			<u>3900</u>
PUMP TRUCK CHARGE			<u>2600.47</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>83 HVMI</u>	@	<u>7.70 639.10</u>
MANIFOLD	@		
<u>83 LVMI</u>	@	<u>4.40</u>	<u>365.20</u>
TOTAL <u>3604.77</u>			

CHARGE TO: Barline Oil LLC

STREET \_\_\_\_\_

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

**PLUG & FLOAT EQUIPMENT**

<u>Wooden plug</u>	@	<u>107.64</u>	<u>107.64</u>
	@		
	@		
	@		
	@		
TOTAL <u>107.64</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 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) 745.78  
TOTAL CHARGES 10216.22  
DISCOUNT 3422.43 IF PAID IN 30 DAYS

PRINTED NAME Cathy Ph...

SIGNATURE Cathy Ph...

before net 6793.79



# CEMENTING LOG

STAGE NO.

Date 1-3-13 District Russell Ticket No. # 56083  
 Company Barline Oil, Wn Drill Rig #12  
 Lease Barline Wagoner Well No. L-17  
 County Spokane State KS  
 Location Barline Wagoner Field L-17  
7 north & west north into

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 8 5/8 Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom 219.39'

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

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. 106.37  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. 13.6037  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: \_\_\_\_\_  
 Amt. 160 Sks Yield 1.34 ft<sup>3</sup>/sk Density \_\_\_\_\_  
160 sk class A 3/4 cc 2.1 gal

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Pump Trucks Used #409 - Kevin R.  
 Bulk Equip. #278 - Nathan D.

COMPANY REPRESENTATIVE \_\_\_\_\_ CEMENTER Pony Plannertul

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
* 2:00 AM						ON location - rigged up
						* Circulated mud to surface.
			24.38			* Pumped 160 sk @ 24.38 <sup>gal</sup> / min
			13.01			* Displaced cement @ 13.01 <sup>gal</sup> / min to surface.
						* Shut Swabber in @ 200psi.
						* Rigged down.

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

API: 15-183-20019-00-00

# ALLIED OIL & GAS SERVICES, LLC 056083

Federal Tax I.D.# 20-5975804

API: 15-183-20019-00-00

SERVICE POINT:

Russell, Ks

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
13.13	17	2	15			6:30 am	7:00 am
LEASE <u>Hayden's</u> WELL # <u>1-17</u> LOCATION <u>Mannington, Ks</u>						COUNTY <u>Smith</u>	STATE <u>Ks</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>7 north of west north into.</u>			

CONTRACTOR W.W. Drilling #12

OWNER

TYPE OF JOB Surface

HOLE SIZE 12 1/2 ID

CEMENT

CASING SIZE 9 5/8 DEPTH 219.39'

AMOUNT ORDERED 160 sk class A

TUBING SIZE DEPTH

31 cc 2.1 gal

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

COMMON 160 sks @ 17.90 \$2,864.00

MEAS. LINE SHOE JOINT

POZMIX @

CEMENT LEFT IN CSG. 15'

GEL 3 sk @ 23.40 \$70.20

PERFS.

CHLORIDE 5 sk @ 64.00 \$320.00

DISPLACEMENT 13.01 600 420

ASC @

### EQUIPMENT

PUMP TRUCK CEMENTER Gleng Co.

# 409 HELPER Kevin A.

BULK TRUCK

# 278 DRIVER Nathan D.

BULK TRUCK

# DRIVER

HANDLING 172.09 #3 @ 2.48 \$426.79

MILEAGE 653.21 1/2 @ 2.60 \$1,698.35

TOTAL \$5,379.33

### REMARKS:

\* Circulate mud to surface.

\* Pump cement @ 24.38 24 slurry

\* Displace cement @ 13.01 600 420

Return cement to surface.

\* Shut 8 5/8 Swags in.

Thanks!

CHARGE TO: Barline Oil

STREET

CITY STATE ZIP

### SERVICE

DEPTH OF JOB 219.39'

PUMP TRUCK CHARGE \$1,512.25

EXTRA FOOTAGE @

MILEAGE Heavy 83 miles @ 7.70 \$639.10

MANIFOLD Light 83 miles @ 4.40 \$365.20

@

@

TOTAL \$2,516.55

### PLUG & FLOAT EQUIPMENT

@

@

@

@

@

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.

PRINTED NAME Calvin Hancock

SIGNATURE Calvin Hancock

SALES TAX (if Any) 237.55

TOTAL CHARGES \$7,895.88

DISCOUNT \$2,108.29 IF PAID IN 30 DAYS

before tax

BS 1-4

Net 5787.68