

620-271-0236

# ALLIED

OIL & GAS SERVICES, LLC

## CEMENTING LOG

STAGE NO.

6-25-14 District ML Ks Ticket No. 63202  
 Company Quail Oil & Gas Rig Duke L  
 Lease Leon Well No. 1-25  
 County Clarke State Ks  
 Location U.C Protection Ks Field 25 32 21

CEMENT DATA:

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

LEAD: Pump Time \_\_\_\_\_ hrs. Type 60:40:4/Bel  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield 1.4 ft<sup>3</sup>/sk Density 14.1 PPG

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

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

Pump Trucks Used 892/555  
 Bulk Equip. 364

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 \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 7 7/8 T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 0.633 Lin. ft./Bbl. 15.76  
 Open Holes: Bbls/Lin. ft. 0.662 Lin. ft./Bbl. 16.5995  
 Drill Pipe: Bbls/Lin. ft. 0.1422 Lin. ft./Bbl. 70.52  
 Annulus: Bbls/Lin. ft. 0.406 Lin. ft./Bbl. 24.6474  
 Bbls/Lin. ft. 0.440 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 Fresh/mud Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type Native Weight \_\_\_\_\_ PPG

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

CEMENTER Jake Head

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
<u>11:00A</u>						<u>On Location Saffley meeting</u>
						<u>rig up Saffley Meeting</u>
						<u>laying down D/pipe</u>
<u>3:10P</u>		<u>1500</u>				<u>D test</u>
		<u>100</u>	<u>8.5</u>		<u>3</u>	<u>Pump Spacer</u>
		<u>100</u>	<u>12.5</u>		<u>3</u>	<u>Mix + Pump Cmt</u>
		<u>100</u>	<u>3</u>		<u>3</u>	<u>Pump Spacer</u>
<u>3:30P</u>		<u>100</u>	<u>8 3/4</u>		<u>3</u>	<u>Pump Mud</u>
<u>4:00</u>		<u>100</u>	<u>8.5</u>		<u>3</u>	<u>Pump Spacer</u>
		<u>100</u>	<u>12.5</u>		<u>3</u>	<u>Mix + Pump Cmt</u>
		<u>100</u>	<u>3</u>		<u>3</u>	<u>Pump Spacer</u>
<u>4:15</u>		<u>100</u>	<u>3 1/4</u>		<u>3</u>	<u>Pump Mud</u>
<u>4:30</u>		<u>100</u>	<u>16</u>		<u>3</u>	<u>Flush Hole</u>
		<u>100</u>	<u>10</u>		<u>3</u>	<u>Mix + Pump cmt</u>
<u>5:00</u>		<u>100</u>	<u>1 1/4</u>		<u>3</u>	<u>Displace</u>
<u>5:10</u>		<u>100</u>	<u>5</u>		<u>3</u>	<u>load Hole</u>
<u>5:26</u>		<u>100</u>	<u>8.5</u>		<u>3</u>	<u>Mix Cmt + 11 Circ</u>
<u>5:30D</u>		<u>100</u>	<u>12.5</u>		<u>3</u>	<u>Plug Rat + Mouse</u>
<u>7:00 PM</u>						