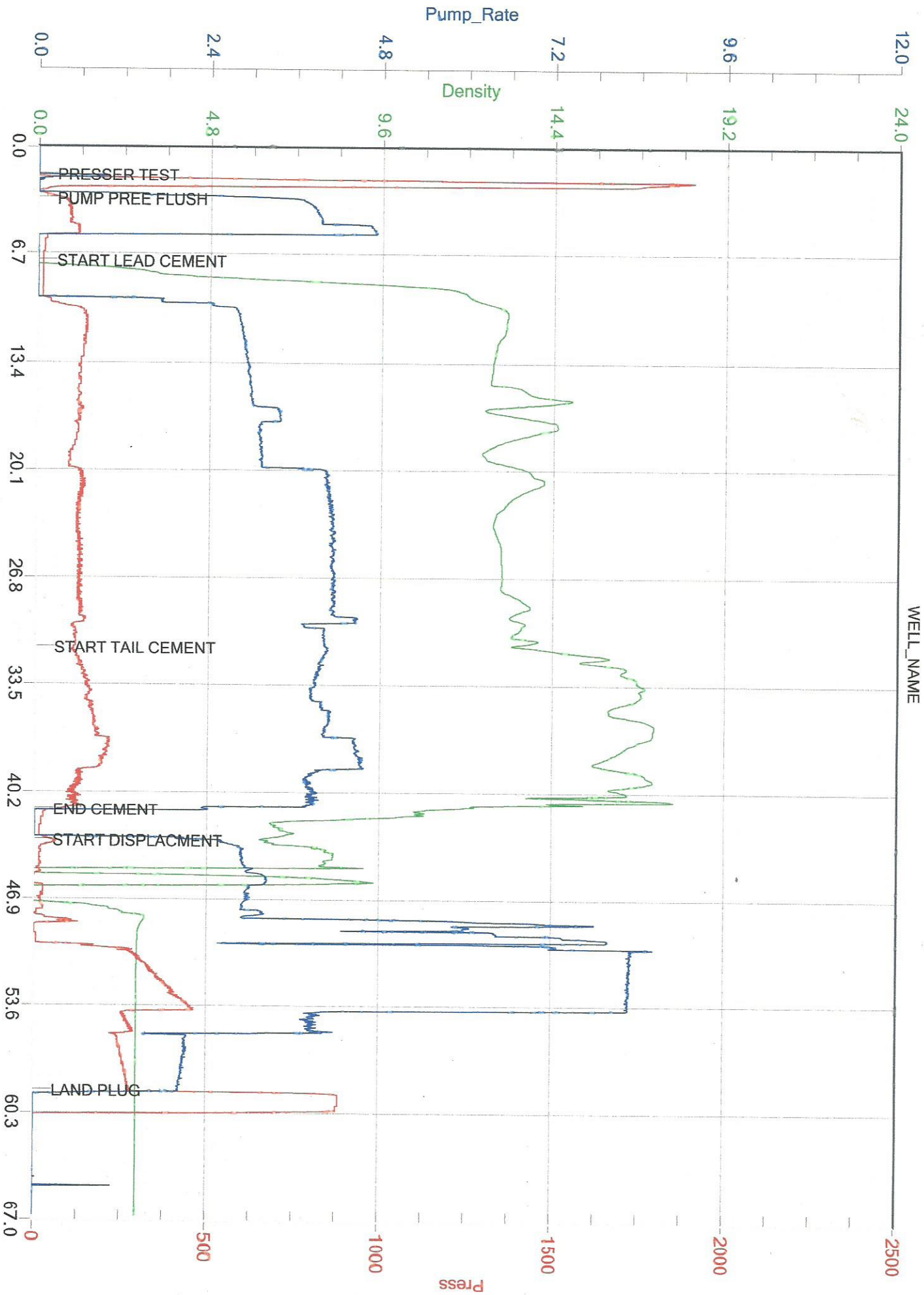


TAPSTONE
WELL_NAME



Date 7-17-14 District MadLodge KS Ticket No. 62842
 Company Tapstone Rig Namac 14
 Lease Schaphbach Well No. 3510 16211
 County Barber State KS
 Location vic Kisma KS Field _____

CEMENT DATA: Fresh H₂O 10BBL
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 9 5/8 Type _____ Weight 36 Collar _____

LEAD: Pump Time _____ hrs. Type 65:35:6% Gel + 2% act
1/4 # Flosal Excess _____
 Amt. 255 Sks Yield 1.87 ft³/sk Density 12.7 PPG _____
 TAIL: Pump Time _____ hrs. Type Class A + 2% act
1/4 # Flosal Excess _____
 Amt. 150 Sks Yield 1.2 ft³/sk Density 15.6 PPG _____
 WATER: Lead 10.05 gals/sk Tail 5.27 gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom 816

Pump Trucks Used 548/545
 Bulk Equip. 702/643

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 809 ft. P.B. to _____ ft.

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 _____

CAPACITY FACTORS:

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

COMPANY REPRESENTATIVE _____

CEMENTER Jason Thimisch

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
<u>7:30 AM</u>						<u>On loc safety meeting Run Casings</u>
<u>12:45 PM</u>		<u>2000</u>		<u>1/4 BBL</u>	<u>1/4</u>	<u>Start safety meeting, Rig up safety meeting</u>
<u>12:47 PM</u>		<u>150</u>		<u>10 BBL</u>	<u>4 1/2</u>	<u>Press Test</u>
<u>12:52 PM</u>		<u>200</u>		<u>85 BBL</u>	<u>4 1/2</u>	<u>Pump Preflush</u>
<u>1:18 PM</u>		<u>200</u>		<u>32 BBL</u>	<u>4</u>	<u>Mix Pump 1d cement Slurry TOC surface</u>
<u>1:27 PM</u>						<u>shut down Release Plug</u>
<u>1:30 PM</u>		<u>400</u>			<u>8</u>	<u>Start Displacement</u>
		<u>450</u>		<u>30 BBL</u>	<u>8</u>	
		<u>500</u>		<u>40 BBL</u>	<u>8</u>	
		<u>400</u>		<u>45 BBL</u>	<u>3 1/2</u>	<u>Slow rate</u>
		<u>350</u>		<u>52 BBL</u>	<u>2</u>	<u>Slow rate to Bump</u>
<u>1:45 PM</u>		<u>850</u>		<u>58 1/2 BBL</u>	<u>0</u>	<u>Bump Plug</u>
						<u>45 BBL cement Circulated</u>

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO 250 PSI BLEEDBACK 1/2 BBLs. THANK YOU

ALLIED OIL & GAS SERVICES, LLC 062842

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Medicine Lodge KS

DATE <u>7-17-14</u>	SEC <u>16</u>	TWP. <u>35</u>	RANGE <u>10</u>	CALLED OUT <u>4:30 AM</u>	ON LOCATION <u>7:30 AM</u>	JOB START <u>12:45 PM</u>	JOB FINISH <u>1:45 PM</u>
LEASE <u>Schupbach</u>	WELL # <u>3510 162H</u>	LOCATION <u>Kiowa KS, East on Blacktop to</u>	OLD OR NEW (Circle one)		<u>Blueston Rd, South 1/2 mi. East + North into</u>	COUNTY <u>Barber</u>	STATE <u>KS</u>

CONTRACTOR <u>Nomac #14</u>	OWNER <u>Tapstone Energy</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>809</u>
CASING SIZE <u>8 3/8</u>	DEPTH <u>816</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>850</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>41</u>
CEMENT LEFT IN CSG. <u>41</u>	
PERFS.	
DISPLACEMENT <u>BBLs Fresh 11.0</u>	

EQUIPMENT

PUMP TRUCK # <u>548/545</u>	CEMENTER <u>Jason Thimerch</u>
BULK TRUCK # <u>702/</u>	HELPER <u>Justin Bower</u>
BULK TRUCK #	DRIVER <u>James Bowen</u>
BULK TRUCK #	DRIVER <u>130309</u>

REMARKS: DC1400 8

Schupbach 3510
Nomac 14

850.36

11,574

Shupper scope

CHARGE TO: TapStone Energy

STREET _____

CITY _____ STATE _____ ZIP _____

CEMENT	
AMOUNT ORDERED	<u>255sr Class A: Poz 65: 35% + 6%</u>
	<u>Gel + 2% rec + 1/4 # Floreal, 150sr Class A + 2% rec</u>
	<u>3/4 # Floreal</u>

COMMON <u>Class A 150sr</u>	@ <u>17.90</u>	<u>2685.00</u>
POZMIX	@	
GEL	@	
CHLORIDE <u>10sr</u>	@ <u>64.00</u>	<u>640.00</u>
ASC	@	
<u>Allied Light Weight Cement</u>	@	
<u>Type 1 Class A 255sr</u>	@ <u>16.50</u>	<u>4207.50</u>
<u>Floreal 102 lbs</u>	@ <u>2.97</u>	<u>302.94</u>
	@	
	@	
	@	
	@	
	@	
HANDLING MILEAGE	@	
TOTAL		<u>7835.44</u>

SERVICE

DEPTH OF JOB <u>816</u>	
PUMP TRUCK CHARGE	<u>2058.50</u>
EXTRA FOOTAGE <u>LV 25sr</u>	@ <u>4.40</u> <u>110.00</u>
MILEAGE <u>25sr</u>	@ <u>7.70</u> <u>192.50</u>
MANIFOLD <u>1 Hand</u>	@ <u>275.00</u>
<u>Handling 448.31 cuft</u>	@ <u>2.48</u> <u>1111.80</u>
<u>Drayage 480.54 ton</u>	@ <u>2.60</u> <u>1249.40</u>
<u>Circulating iron 4 Day</u>	@ <u>450.00</u> <u>1800.00</u>
TOTAL	<u>6797.20</u>

PLUG & FLOAT EQUIPMENT

958

<u>AFU Sure Seal Float Collar</u>	@	<u>535.00</u>
<u>Saw Tooth Guide shoe</u>	@	<u>553.00</u>
<u>Centralizers 7</u>	@	<u>90.00</u> <u>630.00</u>
<u>Tap Rubber Plug</u>	@	<u>184.86</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