

# ALLIED OIL & GAS SERVICES, LLC 053109

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Liberal Ks

DATE <u>04-03-14</u>	SEC. <u>11</u>	TWP. <u>T27S</u>	RANGE <u>R31W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30</u>	JOB FINISH <u>1:30 P.m.</u>
LEASE <u>Ardeny</u>	WELL # <u>11#1</u>	LOCATION <u>Hwy 83 + CR 70, 10 M. E, N</u>			COUNTY <u>Haskell</u>	STATE <u>Ks.</u>	
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)		4 Mi, E 1/2, N into					

CONTRACTOR Val Rig #1 OWNER Ring Energy Inc

TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 1820 ft  
 CASING SIZE 8 7/8 24 # DEPTH 1818 ft  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX 1300 PSI MINIMUM  
 MEAS. LINE SHOE JOINT 42.17 ft  
 CEMENT LEFT IN CSG. 2.68 BBls  
 PERFS.  
 DISPLACEMENT 113 BBls

CEMENT  
 AMOUNT ORDERED 640 sk 65/35/67.6cl,  
37.0cc, 1/4 lb/sk FloSeal  
200 sk 4A 27.0cc, 1/4 F.S.

EQUIPMENT  
 PUMP TRUCK CEMENTER Ruben Chavez  
#531-541 HELPER Jaime Torres  
 BULK TRUCK  
#705-642 DRIVER Gregory Randall  
 BULK TRUCK  
#868-842 DRIVER José Calderon

COMMON <u>1" A 200 sk</u>	@ <u>17.90</u>	<u>3,580.00</u>
POZMIX	@	
GEL	@	
CHLORIDE <u>26 sk</u>	@ <u>64.00</u>	<u>1,664.00</u>
ASC	@	
ALWC <u>1" A 640 sk</u>	@ <u>16.30</u>	<u>10,560.00</u>
<u>FloSeal 210 lb</u>	@ <u>2.97</u>	<u>623.70</u>
	@	
	@	
	@	
	@	
HANDLING <u>950.20 C, ft</u>	@ <u>2.48</u>	<u>2,356.50</u>
MILEAGE <u>2001.93 Ton Mi</u>	@ <u>2.60</u>	<u>5,205.02</u>
TOTAL		<u>23,989.22</u>

REMARKS:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SERVICE

DEPTH OF JOB	<u>1820 ft</u>
PUMP TRUCK CHARGE	<u>2,213.75</u>
EXTRA FOOTAGE	@
MILEAGE <u>heavy 50 Mi</u>	@ <u>7.70</u> <u>385.00</u>
MANIFOLD + head <u>1</u>	@ <u>275.00</u> <u>275.00</u>
<u>light vehicle 50 Mi</u>	@ <u>4.40</u> <u>220.00</u>
	@
TOTAL <u>3,093.75</u>	

CHARGE TO: Ring Energy Inc  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

<u>Guide Shoe 1</u>	@ <u>460.98</u>	<u>460.98</u>
<u>Afu Float Valve 1</u>	@ <u>446.94</u>	<u>446.94</u>
<u>Top rubber plug 1</u>	@ <u>131.04</u>	<u>131.04</u>
<u>Cement Basket 1</u>	@ <u>559.26</u>	<u>559.26</u>
<u>Centralizer 16</u>	@ <u>74.85</u>	<u>1,198.05</u>
TOTAL		<u>2,796.30</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) \_\_\_\_\_  
 TOTAL CHARGES 29,879.27  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_  
 SIGNATURE [Signature]

NET = 21,513.01

2870

**CEMENTING LOG**

Date 4/3/2014 District Liberal # 21 Ticket No. 53109  
 Company ring energy Rig \_\_\_\_\_  
 Lease ARDERY Well No 11 # 1  
 County HASKEL State KS.  
 Location \_\_\_\_\_  
 Field \_\_\_\_\_  
 Casing Data  Conductor  PTA  Squeeze  Misc.  
 Surface  Intermediate  Production  Liner  
 Size 8 5/8 Type j-55 Weight 24# Collar \_\_\_\_\_

CEMENT DATA  
 Spacer Type 5 10 BBLs H2O  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density 8.34 PPG \_\_\_\_\_  
 LEAD: Time \_\_\_\_\_ hrs. Type 65/35/6%GEL  
3%CC, 1/4 FLOSEAL Excess \_\_\_\_\_  
 Amt. 640 Sks Yield 1.97 ft<sup>3</sup>/sk Density 12.52 PPG \_\_\_\_\_  
 TAIL: Time \_\_\_\_\_ hrs. Type CLASS A NEAT  
 Excess \_\_\_\_\_  
 Amt. 200 Sks Yield 1.2 ft<sup>3</sup>/sk Density 15.6 PPG \_\_\_\_\_  
 WATER Lead 10.7 Gal/sk Tail 5.22 Gal/sk Total 187.4 BBLs

Casing Depths Top \_\_\_\_\_ Bottom 1800 FT.

Pump Trucks Used: 531-541  
 Bulk Equipment 705-642  
868-842

Drill Pipe: BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Open Hole: BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Capacity Factors: BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Casing BBLs/LIN. FT 0.0637 LIN. FT/BBL 15.698  
 Open Holes BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Drill Pipe BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Annulus BBLs/LIN. FT 0.0735 LIN. FT/BBL 13.605  
 BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Perforations From \_\_\_\_\_ ft to \_\_\_\_\_ ft Amt \_\_\_\_\_

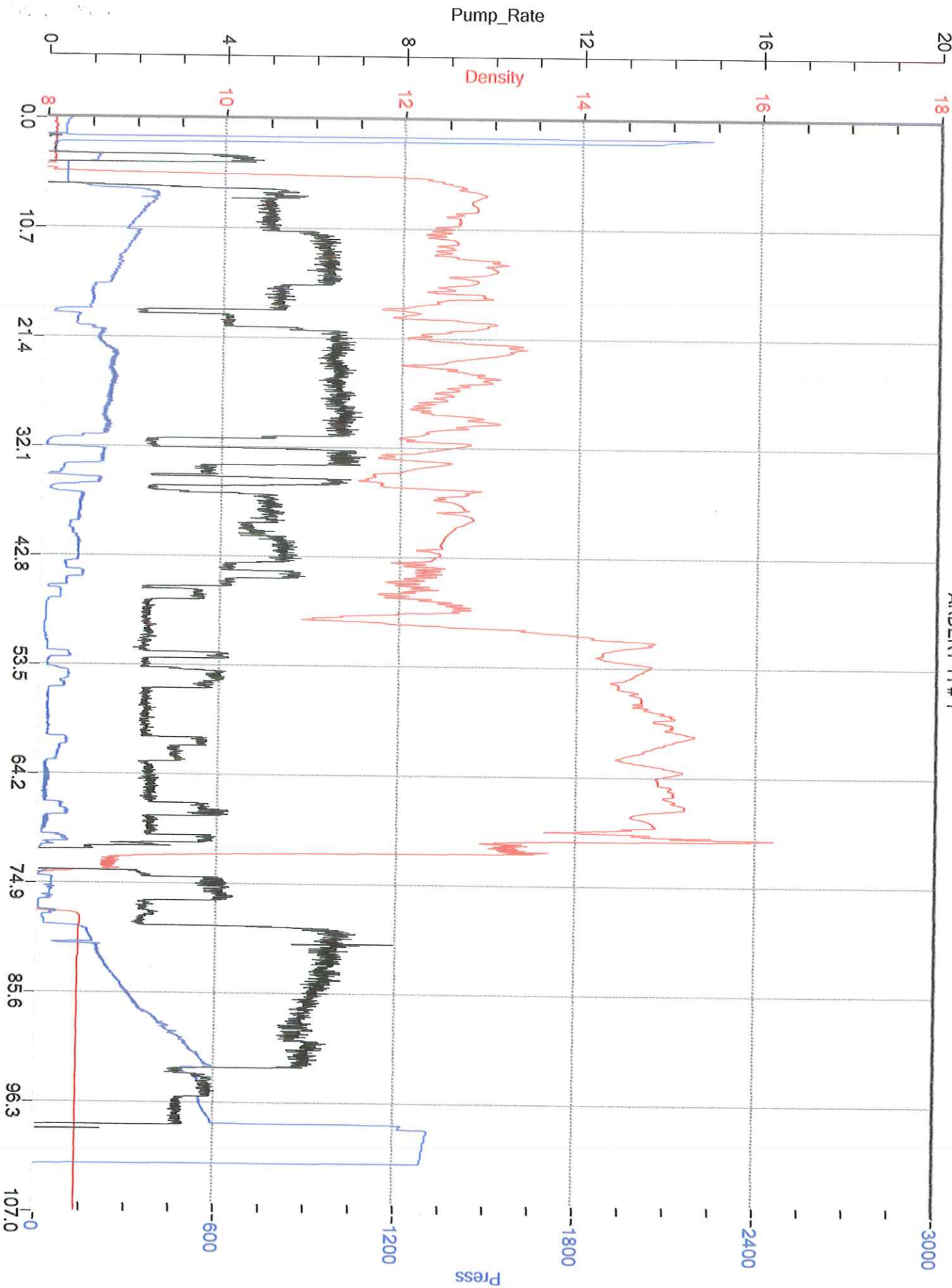
Float Equipment: Manufacturer WEATHERFORD  
 Shoe: Type GUIDESHOE Depth 1800 FT.  
 Float: Type AFU INSERT FLOAT Depth 1775.33 ft  
 Centralizers: Quantity 16 Plugs Top 1 Bottom \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equipment \_\_\_\_\_  
 Disp: Fluid Type H2O Amt 113 bbls Weight 8.34 PPG \_\_\_\_\_  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_

COMPANY REPRESENTATIVE Rubén W m

CEMENTER Ruben Chavez

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
8:00						Got To Location Spot Trucks, And Rig Up.
11:45						Have A Pre-job Safety Meeting
11:58	350			2	2	pu mp 2bb s h2o to fill up pumping lines
12:00						PRESSURE TEST pumplines to 2500 psi
12:03	350		5	3	4	Pump 8 bbls h2o spacer
12:05	350		209.5	224.5	6	Start pumping lead cement 640 sk.
12:44	220		272.2	42.7	4	Start pumping tail cement 200 sk.
1:03						shut down
						wash pump
1:06						drop plug
1:08	0		372.2	106	6	start displacement
1:26	570		385.2	13	3	slow down pump rate
1:30	800					finished displacement
1:35	0					bump plug at <u>1300 PSI</u>
						release pressure, float held good
						circulate <u>50</u> bbls of slurry
						job finished
						rig down
						thankyou

RING ENERGY  
ARDERY 11 # 1



# ALLIED OIL & GAS SERVICES, LLC 052441

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Liberia, ks

DATE <u>4/12/14</u>	SEC. <u>11</u>	TWP. <u>27S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30 PM</u>	JOB FINISH <u>9:40 PM</u>
LEASE <u>Ardery II</u>	WELL# <u>1</u>	LOCATION <u>Sublette, ks North to CR-70-10</u>		COUNTY <u>Finney</u>	STATE <u>KS</u>		
OLD OR <u>(NEW)</u> (Circle one)		cast - 4 North - 1/2 east - North into					

CONTRACTOR Val Rig 1 OWNER Ring Energy Inc.

TYPE OF JOB <u>Production</u>	CEMENT
HOLE SIZE <u>7 7/8</u> T.D. <u>5335</u>	AMOUNT ORDERED <u>200 SKS AMDC Class A, 2% NaCl</u>
CASING SIZE <u>5 1/2</u> DEPTH <u>5326.47</u>	<u>2% NaCl, 2% NaCl, 1/4% gel, 0.25 lbs/sk H<sub>2</sub>O seal, 275 SKS</u>
TUBING SIZE DEPTH	<u>ASPC Class A, 6 lb NaCl, 5.5% Gyp seals &amp; 2% gel, 0.8%</u>
DRILL PIPE DEPTH	<u>Pl-160 5 lbs/sk kof seal</u>
TOOL DEPTH	COMMON @
PRES. MAX <u>5000 PSI</u> MINIMUM	POZMIX @
MEAS. LINE SHOE JOINT <u>44.34</u>	GEL @
CEMENT LEFT IN CSG. <u>44.34 ft</u>	CHLORIDE @
PERFS.	ASC @
DISPLACEMENT <u>123 bbls Fresh Water</u>	Super Flush <u>20 bbls @ 58.70 1174.00</u>

EQUIPMENT		Ally Multi Density cont A <u>200 SKS @ 25.90 5180.00</u>
PUMP TRUCK CEMENTER <u>Edgar Rodriguez</u>	# <u>530-184</u>	Pl-seal <u>50 ft @ 2.97 1485.00</u>
BULK TRUCK HELPER <u>Herberto V.</u>	# <u>705 B642</u>	Ally Steel Blend cont <u>275 SKS @ 20.90 5747.50</u>
BULK TRUCK DRIVER <u>Greg R.</u>	# <u>868-842</u>	Pl-160 <u>207 # @ 18.90 3912.30</u>
BULK TRUCK DRIVER <u>Alex A.</u>		kof seal <u>1375 # @ 0.98 1347.50</u>
		HANDLING <u>600.71 ft<sup>3</sup> @ 2.48 1489.97</u>
		MILEAGE <u>1293.76 ton mile @ 2.60 3363.79</u>
		TOTAL <u>22,1363.56</u>

REMARKS:

SERVICE	
DEPTH OF JOB	<u>5326.47'</u>
PUMP TRUCK CHARGE <u>1</u>	<u>3099.25 3099.25</u>
EXTRA FOOTAGE @	
MILEAGE <u>Light vehicle 50 mi @ 4.40</u>	<u>220.00</u>
MANIFOLD <u>1</u>	<u>275.00 275.00</u>
<u>Heavy vehicle 50 mile @ 7.20</u>	<u>360.00</u>
<u>Addition Hrs 2 Hrs @ 440.00</u>	<u>880.00</u>
TOTAL	<u>4859.25</u>

CHARGE TO: Ring Energy Inc  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT	
APU float shoe <u>1</u>	<u>@ 408.33 408.33</u>
Latchdown Plug <u>1</u>	<u>@ 324.09 324.09</u>
Cement Basket <u>5</u>	<u>@ 374.29 1871.45</u>
Centralizers <u>15</u>	<u>@ 57.33 859.95</u>
TOTAL	<u>3563.82</u>

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES 30,786.63

PRINTED NAME Robert W. Mickelson  
DISCOUNT 800.26 / 28% IF PAID IN 30 DAYS

SIGNATURE Robert W. Mickelson  
Net = 22,166.31

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.



# CEMENTING LOG

Date 4/12/2014 District Liberal # 21 Ticket No. 52441  
 Company Ring Energy Inc. Rig Val 1  
 Lease Arderly Well No 11 #1  
 County Finney State Ks  
 Location \_\_\_\_\_  
 Field \_\_\_\_\_  
 Casing Data  Conductor  PTA  Squeeze  Misc.  
 Surface  Intermediate  Production  Liner  
 Size 5 1/2 Type \_\_\_\_\_ Weight 17# Collar \_\_\_\_\_

CEMENT DATA  
 Spacer Type Superflush  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density 8.5 PPG  
 LEAD: Time \_\_\_\_\_ hrs. Type AMDC Class A  
2% gypseal, 2% NAMS, 2% NaCl, 4% gel, 0.25 flo-seal Excess 25%  
 Amt. 200 Sks Yield 2.68 ft<sup>3</sup>/sk Density 11.8 PPG  
 TAIL: Time \_\_\_\_\_ hrs. Type ASBC Class A  
6 lb NaCl, 5.5% gypseal, 2% gel, 0.8% fl-160, 5 lb kol seal Excess 25%  
 Amt. 275 Sks Yield 1.58 ft<sup>3</sup>/sk Density 14.5 PPG  
 WATER Lead 16 Gal/sk Tail 6.98 Gal/sk Total 187 BBLs

Casing Depths Top \_\_\_\_\_ Bottom 5326.47

Pump Trucks Used: 530-484  
 Bulk Equipment 705-B642  
868-842

Drill Pipe: BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Open Hole: BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Capacity Factors: BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Casing BBLs/LIN. FT 0.232 LIN. FT/BBL \_\_\_\_\_  
 Open Holes BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL 32.4066  
 Drill Pipe BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Annulus BBLs/LIN. FT \_\_\_\_\_ LIN. FT/BBL \_\_\_\_\_  
 Perforations From \_\_\_\_\_ ft to \_\_\_\_\_ ft Amt \_\_\_\_\_

Float Equipment: Manufacturer \_\_\_\_\_  
 Shoe: Type AFU FLOAT SHOE Depth \_\_\_\_\_  
 Float: Type BAFFLE Depth \_\_\_\_\_  
 Centralizers: Quantity 15 Plugs Top 1 Bottom \_\_\_\_\_  
 Stage Collars CEMENT BASKET (5)  
 Special Equipment \_\_\_\_\_  
 Disp: Fluid Type FRESH WATER Amt 123 bbls Weight 8.33 PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_

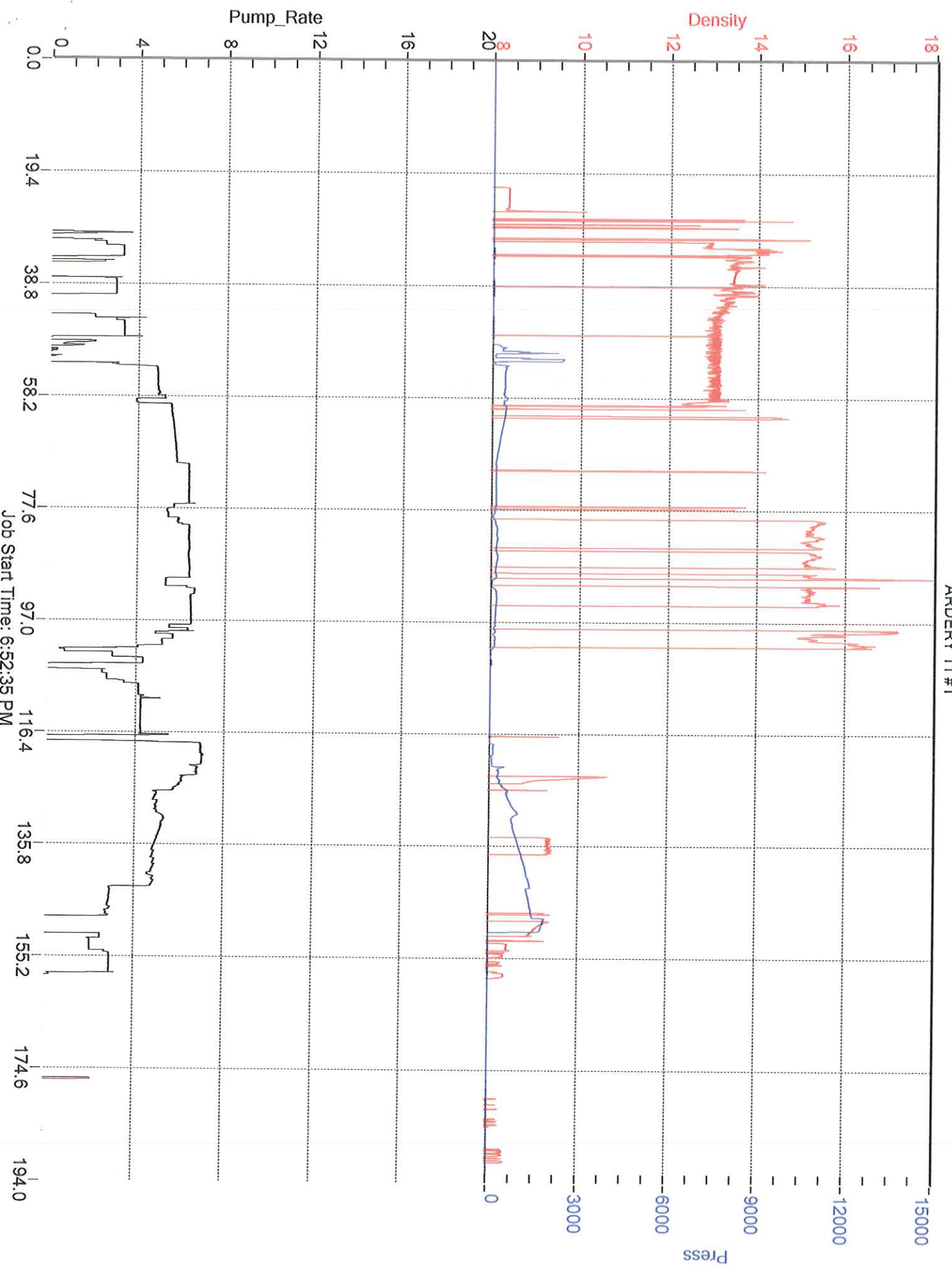
COMPANY REPRESENTATIVE Robert W. [Signature]

CEMENTER Edgar A. Rodriguez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
1:00 pm						Got to location & spotted trucks
1:20						Rig Up Trucks. Rig running casing
6:30						Casing on bottom
6:40						Stab cmt head so they can circulate while casing crew rigs down
7:20						Performed safety meeting
7:38	100		8		3	Plug mouse hole. Plug rat hole. Took 17 sks (8 bbls) total to plug
7:58	2120					Pressure tested lines 2000 psi
8:01	430		20		4	Pump 20 bbls of superflush
8:05	230		87		5	Pump 183 sks of lead cmt (87 bbls @11.8)
8:29	180		77		5	Pump 275 sks of tail cmt (77 bbls @14.5)
8:57						Shutdown / Clean lines / Drop plug
9:06	110				7.5	Pump 123 bbls of displacement
9:14	280		40		6	Displacement reached cmt
9:32	1370		110		3	Slow rate to bump plug
9:37	1300		123		3	Bumped plug. Landed at 1300 psi and took up to 1820 psi
9:39						Check floats. 1/2 bbl back
9:40						End job. Good returns
9:50						Rig down trucks
11:00 pm						Crew leave location

FINAL DISP. PRESS. 1300 PSI BUMP PLUG TO 1830 PSI BLEEDBACK 1/2 BBLs THANK YOU

RING ENERGY  
ARDERY 11 #1



Job Start Time: 6:52:35 PM