

SPN CEMENT REPORT

OPERATOR: <i>Nette</i>	DATE: <i>9-6-19 - 9-9-19</i>	API# <i>05-123-26151</i>
LEASE NAME: <i>Miller 20-44</i>	RIG # <i>SPN 712</i>	COUNTY: <i>Weld</i>

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5
CEMENT DATE:	<i>9-6-19</i>	<i>9-9-19</i>			
SIZE OF HOLE OR PIPE IN WHICH PLUG PLACED:	<i>4 1/2"</i>	<i>8 3/4"-9"</i>			
DEPTH TO BOTTOM OF TUBING OR DRILL PIPE:	<i>2478'</i>	<i>770'</i>			
SACKS OF CEMENT USED (EACH PLUG):	<i>180</i>	<i>260</i>			
SLURRY VOLUME PUMPED:	<i>37</i>	<i>53</i>			
MEASURED TOP OF PLUG:	<i>2140'</i>	<i>Surface</i>			
SLURRY WT. #/GAL. :	<i>15.8</i>	<i>15.8</i>			
TYPE CEMENT:	<i>G</i>	<i>G</i>			
MUD FLUSH USED BBLs:	<i>10</i>	<i>10</i>			
CALCIUM CHLORIDE USED LBS:	<i>0</i>	<i>0</i>			
SUGAR USED LBS:	<i>50</i>	<i>100</i>			

Matt Blinski for
SIGNATURE OF CEMENTER OR AUTHORIZED REPRESENTATIVE

SPN
NAME OF CEMENTING CO.



Well Services

TREATMENT
REPORT

P.O. BOX 329
FORT LUPTON, CO 80621
303-654-9202

DATE 9/6/19
FIELD TICKET # _____

WELL NAME & NO. <i>Miller 20-44</i>		LOC. <i>SPN #12</i>	SERIAL # <i>05-123-26157</i>	LIFT PRESSURE & POP OFF LIFT: <u>1600</u> POP OFF: <u>1250</u>
PUMP: <i>4787</i>	BULK: <i>310</i>	JOB PUMPED THRU TUBING CASING ANNULUS		WATER I: <u>6.4</u>
COUNTY: <i>Weld</i>	STATE: <i>CO</i>	WELL TYP: OIL GAS WATER INJ.	AGE OF WELL: NEW REWORK	TYPE OF CEMENT: <u>6</u>
CUSTOMER NAME: <i>Noble/Jess</i>		JOB TYPE:		CASING SIZE: <u>4 1/2 - 11.6</u>
JOB SUPERVISOR: <i>Ramon Villalobos</i>		SERVICE RATED: POOR FAIR EXCELLENT		CASING DEPTH: <u>2643</u>
				TUBING SIZE: <u>2 3/4 - 4.7</u>
				TUBING DEPTH: <u>2478</u>
				OPEN HOLE: <u>9"</u>
				CSG OR ANRL VO
				TBG VOLUME:

REMARKS: <i>Cement weigh verified by Seaker</i>	WELL INFORMATION	
	DESCRIPTION	DEPTH
	<i>TOCIC</i>	<i>2143</i>
	<i>TOCIA</i>	<i>2143</i>
	<i>T/pop</i>	<i>2143</i>
	<i>B/pop</i>	<i>2643</i>

TIME	INJECTION		PRESSURE		CEMENT SLURRY		REMARKS
	RATE	BBLs IN	CSG	TBG	WEIGHT	YIELD	
<i>1:00</i>							<i>Arrive to location</i>
<i>1:30</i>							<i>ISA on R/U</i>
<i>2:00</i>							<i>ISA on Pump Schedule</i>
<i>2:20</i>	<i>.5</i>	<i>.5</i>		<i>1500</i>	<i>8.3</i>		<i>Test Iron + Pop off</i>
<i>2:25</i>	<i>1.5</i>	<i>10</i>		<i>950</i>	<i>8.3</i>		<i>Mud flush</i>
<i>2:35</i>	<i>1.5</i>	<i>5</i>		<i>950</i>	<i>8.3</i>		<i>Spacer H₂O</i>
<i>2:40</i>	<i>1.8</i>	<i>37</i>		<i>800</i>	<i>15.8</i>	<i>1.15</i>	<i>Mix + Pump 180 sacks</i>
<i>3:10</i>	<i>1.8</i>	<i>4.5</i>		<i>800</i>	<i>8.3</i>		<i>Displace H₂O</i>
<i>3:15</i>							<i>Shut down / string out</i>
<i>3:30</i>							<i>wash down / flush</i>
<i>3:45</i>							<i>R/D</i>
<i>4:00</i>							<i>Leave location</i>

TIME & EQUIPMENT CHARGES	PRICE PER UNIT	MATERIALS CHARGES	PRICE PER UNIT
2 Man Crew & Pump	\$2,000.00	Class G Cement (50SK Min)	\$15.00/SK <i>180</i>
2 Man Crew, Pump Plus Bulk Truck ✓	\$2,300.00	Gas Check Blend	\$35.00/SK
Additional Bulk Truck	\$350.00	Sugar	\$1.50/LB
Additional Time On Location After 5 HRS	\$250.00/HR	Mud Flush	\$40.00/BBL <i>10 BBL</i>
Job Cancellation	\$450.00	Calcium Chloride	\$5.00/LB
TOTAL:			



Well Services

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P.O. BOX 329
FORT LUPTON, CO 80621
303-654-9202

DATE 9/9/19
FIELD TICKET # _____

712

WELL NAME & NO. <i>Miller 20-44</i>		LOC. <i>41/78 WCR</i>	SERIAL # <i>05-123-26151</i>	LIFT PRESSURE & POP OFF LIFT: <u>1,200</u> POP OFF: <u>800</u>
PUMP: <i>4787</i>	BULK: <i>310</i>	JOB PUMPED THRU TUBING CASING ANNULUS		WATER I <u>6.4</u>
COUNTY: <i>weld</i>	STATE: <i>CO</i>	WELL TYP: OIL GAS WATER INJ.	AGE OF WELL: NEW REWORK	TYPE OF CEMENT <u>G</u>
CUSTOMER NAME: <i>Noble</i>		JOB TYPE: <i>P+A</i>		CASING SIZE: <u>8 5/8 - 24</u>
JOB SUPERVISOR: <i>Ramon Villalobos</i>		SERVICE RATED: POOR FAIR EXCELLENT		CASING DEPTH: <u>563</u>
REMARKS: <i>Cement weight verified by scales</i>				TUBING SIZE: <u>4 1/2 - 11.6</u>
				TUBING DEPTH: <u>770</u>
				OPEN HOLE: <u>9"</u>
				CSG OR ANRL VO
				TBG VOLUME:
				WELL INFORMATION
				DESCRIPTION
				DEPTH
				<i>TOC</i>
				<i>Surface</i>
CUSTOMER SIGNATURE:				

TIME	INJECTION		PRESSURE		CEMENT SLURRY		REMARKS
	RATE	BBL IN	CSG	TBG	WEIGHT	YIELD	
10:00							Arrive to Location
10:40							JSA on R/L then R/D
11:40							JSA on Pump Schedule
11:50	.5	.5		1,500	8.3		Test Iron + POP off
11:55	1.5	1		200	8.3		Break Circularity
12:00	1.5	10		200	8.3		Mud Flush
12:05	1.5	5		200	8.3		Spacer
12:10	1.8	52		100	15.8	1.15	Mix + Pump 260 Sacks
12:55							Shutdown / Open Bleeds.
1:00							Nipple down BOP
1:20	.5	1		0	15.8	1.15	Top off
1:30							Washdown / Flush
1:45							R/D
2:00							Leave Location.

TIME & EQUIPMENT CHARGES	PRICE PER UNIT	MATERIALS CHARGES	PRICE PER UNIT
2 Man Crew & Pump	\$2,000.00	Class G Cement (50SK Min)	\$15.00/SK <i>260</i>
2 Man Crew, Pump Plus Bulk Truck <input checked="" type="checkbox"/>	\$2,300.00	Gas Check Blend	\$35.00/SK
Additional Bulk Truck	\$350.00	Sugar	\$1.50/LB <i>100</i>
Additional Time On Location After 5 HRS	\$250.00/HR	Mud Flush	\$40.00/BBL <i>10 BBL</i>
Job Cancellation	\$450.00	Calcium Chloride	\$5.00/LB
TOTAL:			