



TREATMENT
REPORT

LEED ENERGY

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

DATE 10-6-17
FIELD TICKET # _____

WELL NAME & NO. <u>FarmLand 10-32</u>		LOC. <u>Bohler 6</u>	SERIAL # <u>05-123-21852</u>		ALLOWABLE PRESSURE TBG: _____ CSG: _____
POOL _____	FORMATION _____	JOB DONE DOWN: TUBING CASING ANNULUS			PACKER TYPE: _____
COUNTY <u>Weld</u>	STATE <u>co</u>	WELL TYPE: <u>OIL</u>	GAS	WATER	INJ.
CUSTOMER NAME <u>Noble - cs</u>		AGE OF WELL _____	NEW	REWORK	PACKER DEPTH: <u>2400'</u>
ADDRESS _____		TYPE OF SERVICE _____			CASING SIZE: <u>4.5 11.6"</u>
CITY, STATE, ZIP: _____	_____				CASING DEPTH: <u>3979'</u>
TELEPHONE _____	_____				TUBING SIZE: <u>2 3/8 4.7"</u>
TREATMENT NO. _____	_____				TUBING DEPTH: <u>3979'</u>
TEST REMARKS _____	_____				OPEN HOLE: <u>10"</u>
SERVICE RATED _____	POOR FAIR GOOD EXCELLENT				CSG OR ANRL VOL: _____
CUSTOMER SIGNATURE _____	_____				TBG VOLUME: _____
ARRIVED AT LOCATION _____	_____				DEPTH NO. OF HOLES

TIME	RATE	BBLS IN	CSG	TBG	WEIGHT	YIELD	REMARKS
0700							Arrive on location & Spot Truck
0730							Rig up truck
0820							ISA on Pump Schedule
0835							Pressure test 2500
0838	1.5	2		0	8.33		Injection Rate
0839	1.5	11.2		0	15.8	1.15	55 sks G cmt
0840	1.5	7.2		0	8.33		Displace H ₂ O
0851							SB
1055							TOC inside casing - 3252 -
1100	1.5	3		400	8.33		ISA
1102	2	10		400	8.5		Injection Rate
1109	2	5		100	8.33		Mud Flush
1117	2	4.3		0	15.8	1.15	H ₂ O
1132	2	7.2		200	8.33		210 sks G cmt
1140							Displace H ₂ O
							SB
							TOC in Annulus - 1991
							TOC in casing 22.08

4E LEFT LOCATION:

ER. LIQUID INJ. RATE:

IX. PRESSURE:

JT IN PRESSURE (IMMEDIATE):

JT IN PRESSURE (15 MIN):

SINEER:

NAME & UNIT



LEED CEMENT REPORT

OPERATOR: <u>Noble</u>	DATE: <u>10-6-17</u>	API# <u>05-123-21852</u>
LEASE NAME: <u>FARMLAND 10-32</u>	RIG # <u>Bohler C</u>	COUNTY: <u>Weld</u>

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5
CEMENT DATE:	<u>10-6-17</u>	<u>10-6-17</u>	<u>10-9-17</u>		
SIZE OF HOLE OR PIPE IN WHICH PLUG PLACED:	<u>4 1/2 11.6</u>	<u>4 1/2 10"</u>	<u>4 1/2 8 3/4</u>		
DEPTH TO BOTTOM OF TUBING OR DRILL PIPE:	<u>3979</u>	<u>2398</u>	<u>731</u>		
SACKS OF CEMENT USED (EACH PLUG):	<u>55</u>	<u>210</u>	<u>262</u>		
SLURRY VOLUME PUMPED:	<u>11.2</u>	<u>43</u>	<u>53.0</u>		
MEASURED TOP OF PLUG:	<u>3252</u>	<u>2268/1991</u>	<u>0</u>		
SLURRY WT. #/GAL. :	<u>15.8</u>	<u>15.8</u>	<u>15.8</u>		
TYPE CEMENT:	<u>G</u>	<u>G</u>	<u>G</u>		
MUD FLUSH USED BBLS:	<u>0</u>	<u>10</u>	<u>10</u>		
CALCIUM CHLORIDE USED LBS:	<u>0</u>	<u>0</u>	<u>0</u>		
SUGAR USED LBS:	<u>0</u>	<u>50</u>	<u>25</u>		


 SIGNATURE OF CEMENTER OR AUTHORIZED REPRESENTATIVE

NAME OF CEMENTING CO.