SPN CEMENT REPORT

OPERATOR: Noble	DATE: 8-4-20 — 8-5-20	API# 05-123-24344
LEASE NAME: Hagemeister USX AAZ-12	RIG # SPN 725	COUNTY: Weld

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5
CEMENT DATE:	8-4-20	8-5-20			
SIZE OF HOLE OR PIPE IN WHICH PLUG PLACED:	4½"-9"	9" 8⅝"			
DEPTH TO BOTTOM OF TUBING OR DRILL PIPE:	2100'	695'			
SACKS OF CEMENT USED (EACH PLUG):	185	302 G.			
SLURRY VOLUME PUMPED:	38.6	61.8			
MEASURED TOP OF PLUG:	1700'	Surface			
SLURRY WT. #/GAL. :	15.8#	15.8#			
TYPE CEMENT:	Gas Check	G/Neat			
MUD FLUSH USED BBLS:	10	10			
CALCIUM CHLORIDE USED LBS:	Ø	Ø			
SUGAR USED LBS:	50	50			

Matt Bilinski

SIGNATURE OF CEMENTER OR AUTHORIZED REPRESENTATIVE

SPN

NAME OF CEMENTING CO.

Superior Energy

TREATMENT REPORT

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

DATE Aug 5, 2020
FIELD TICKET # _____

WELL NAME & NO.	LOC.	SERIAL #
Hasemeister USXAA7-12	6N 70	05123243 44

PUMP:	BULK:
3037	7016

COUNTY:	STATE:
WELD	COLORADO

JOB PUMPED THRU: TUBING CASING ANNULUS
WELL TYPE: OIL GAS WATER INJ.
AGE OF WELL: NEW REWORK
JOB TYPE:

CUSTOMER NAME: DALLAS RUSSEL
JOB SUPERVISOR: BOB HALE
SERVICE RATED: POOR FAIR EXCELLENT

DAVID DICKSON
Levi OTTOMAN

REMARKS: SKS - 302 Great
mudflush - 10bbl
SUGAR - 50lbs

CUSTOMER SIGNATURE:

LIFT PRESSURE & POP OFF
LIFT: 560
POP OFF: 450

WATER PH: 7, CH 1
TYPE OF CEMENT: Great
CASING SIZE: 8 5/8, 24#
CASING DEPTH: 495
TUBING SIZE: 2 3/8, 4.7#
TUBING DEPTH: 695
OPEN HOLE: 9"
CSG OR ANRL VOL:
TBG VOLUME:

WELL INFORMATION

DESCRIPTION	DEPTH
EOT	695'
TOC	Ø'
Shoe	495'

TIME	INJECTION RATE	INJECTION BBLS IN	PRESSURE CSG	PRESSURE TBG	CEMENT SLURRY WEIGHT	CEMENT SLURRY YIELD	REMARKS
9:00							Arrive, JSA, spot, Rig up
11:35							JSA with Rig Crew
11:42			1500				Test Lines
11:43	1	2	50		8.3		Break circulation
11:44	1.3	10	50		8.5		Pump mudflush
11:49	1.3	5	90		8.3		Pump H2O spacer
12:05	1.5	61.8	150		15.8	1.15	Pump 302 SKS G, 15.8#, Verified by scale
12:28							shut down
12:30							JSA wash up, Rig down
1:30							leave location

Superior Energy

TREATMENT REPORT

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

DATE 8-4-20
FIELD TICKET #

WELL NAME & NO.	LOC.	SERIAL #
Hagemeister WSxAA7-12	SPN 725	05-123-24344

PUMP:	BULK:
3051	2884

COUNTY:	STATE:
Weld	CO

JOB PUMPED THRU: TUBING CASING ANNULUS
WELL TYPE: OIL GAS WATER INJ.
AGE OF WELL: NEW REWORK
JOB TYPE:

CUSTOMER NAME: Noble, Dallas Russell

JOB SUPERVISOR: Matt Bilinski

SERVICE RATED: POOR FAIR EXCELLENT

REMARKS: 185 sks GasCheck Cement ✓
155 sks through CICR + 30 sks on top CICR
10 BBls MudFlush, 50 LBS Sugar

CUSTOMER SIGNATURE:

LIFT PRESSURE & POP OFF
LIFT:
POP OFF:

WATER PH: 6.3, chloride less 1
TYPE OF CEMENT: GasCheck
CASING SIZE: 4½" 11.6#
CASING DEPTH:
TUBING SIZE: 2⅜" 4.7#
TUBING DEPTH: 2100'
OPEN HOLE: 9"
CSG OR ANRL VOL:
TBG VOLUME:

WELL INFORMATION

DESCRIPTION	DEPTH
CICR	2100'
Perfs	1700'/2200'
TOCIC	1700'
TOCA	1700'

TIME	INJECTION RATE	INJECTION BBLS IN	PRESSURE CSG	PRESSURE TBG	CEMENT SLURRY WEIGHT	CEMENT SLURRY YIELD	REMARKS
8:00							Arrive to location, Hazard Hunt before spot
8:30							JSA on Spot + Rig up
8:45							Rig up
10:00							JSA on Pump Schedule
10:30	.5	.5			8.33		150psi Test Iron + Dropoff
10:40	1.5	20		650	8.33		Circulate well 20 BBls H2O
10:54	1.5	10		600	8.5		10 BBls MudFlush Spacer
11:01	1.5	5		500	8.33		5 BBls H2O Spacer
11:04	1.5	38.6		500	15.8	1.17	Mix + Pump 185 sks GasCheck, Thoroughly by Scales
11:30	1.5	1.8		500	8.33		Displace H2O past 30 sks on CICR
11:32	1.5	4.5		80			Shutdown / Stingout
11:35					8.33		Displace H2O to Balance 30 sks
							Shutdown
							Wash Pump