



Date: 7/22/2021 – 7/27/2021

Operator: Noble Energy Inc.

Well Name: Gittlein Blue D04-08

Legal Location: SENE Sec. 4 3N 64W

API # 05-123-16139 Job Log

Weld County

7/22/2021: MI RU, check psi:750/750/4psi, pressure test pump lines and BOPs, RU flow back equip to incinerate gas, controlled well with 70bbls of water, ND WH, NU BOPs, TOOH, SWI.

7/23/21: check psi:0/0psi, TIH with scrapper down to 6850+/-, TOOH with scrapper, RU WL to go in and set CIBP@6833' and to spot 2sks of CMT on plug, load well with 20bbls of water, pressure test plug to 500psi, held good, run in to set 2nd CIBP@6575' and spot 2sks of CMT on plug, run in to shoot squeeze holes@3950'&3850' and to set CICR@3900', RD WL, SWI.

7/26/21: check psi:0/0psi, TIH with stinger to sting into retainer, RU CMT equip to condition well and to pump 45sks plug(3950'-3850'), RD CMT equip, TOOH, load well with 6bbls of water, RU WL to go in and shoot squeeze holes@2500', stablsh injection rate with 6bbls of water, run in to shoot holes@2000' and to set CICR@2400', RD WL, TIH with stinger to sting into retainer, RU CMT equip to condition well and to pump 190sks plug(2500'-2000'), RD CMT equip, TOOH, RU WL to go in and cut CSG@630', RD WL, circulate well with 80bbls of water, ND BOPs and WH, UNLAND CSG, NU BOPs, SWI.

7/27/21: check psi:0/0psi, RU CMT equip to condition well and to pump CMT up to surface, TOOH with CSG, top off well with CMT(268sks top plug), SWI, RD MO.

All cement is 15.8 # Class "G" neat cement

Cementing Contractor: SPN Well Services

Cementing Contractor Supervisor: Matt Bulinski

Operator Supervisor: Derik Powell

State Representative: Adam Burns

Wireline Contractor: SPN Well Services – E - Line

SPN CEMENT REPORT

| | | |
|--|--------------------------|------------------------|
| OPERATOR: <i>Chorren</i> | DATE: <i>July 26, 27</i> | API# <i>0512316139</i> |
| LEASE NAME: <i>Gittlem Blue 004-08</i> | RIG # <i>SPN 714</i> | COUNTY: |

| | PLUG #1 | PLUG #2 | PLUG #3 | PLUG #4 | PLUG #5 |
|--|-------------------|------------------|---------|---------|---------|
| CEMENT DATE: | <i>July 26</i> | <i>July 27</i> | | | |
| SIZE OF HOLE OR PIPE IN WHICH PLUG PLACED: | <i>4 1/2" 9"</i> | <i>8 7/8" 9"</i> | | | |
| DEPTH TO BOTTOM OF TUBING OR DRILL PIPE: | <i>3900, 2400</i> | <i>630</i> | | | |
| SACKS OF CEMENT USED (EACH PLUG): | <i>45, 190</i> | <i>268</i> | | | |
| SLURRY VOLUME PUMPED: | <i>9.2, 38.9</i> | <i>50.79</i> | | | |
| MEASURED TOP OF PLUG: | <i>3850, 2000</i> | <i>Ø'</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>20661</i> | <i>10661</i> | | | |
| CALCIUM CHLORIDE USED LBS: | <i>Ø</i> | <i>Ø</i> | | | |
| SUGAR USED LBS: | <i>5016</i> | <i>5016</i> | | | |

SIGNATURE OF CEMENTER OR AUTHORIZED REPRESENTATIVE

SPN

NAME OF CEMENTING CO.

