

LEED CEMENT REPORT

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|---------------------------------------|----------------------|-------------------------|
| OPERATOR: <u>Noble</u> | DATE: <u>8-31-18</u> | API# <u>05123-26357</u> |
| LEASE NAME: <u>Guthrie USX COG-OP</u> | RIG # <u>SPN 711</u> | COUNTY: <u>Wood</u> |

| | PLUG #1 | PLUG #2 | PLUG #3 | PLUG #4 | PLUG #5 |
|--|----------------|----------------|-----------------|---------|---------|
| CEMENT DATE: | <u>8-31-18</u> | <u>8-31-18</u> | <u>9-4-18</u> | | |
| SIZE OF HOLE OR PIPE IN WHICH PLUG PLACED: | <u>4 1/2</u> | <u>4 1/2</u> | <u>8 1/2-9"</u> | | |
| DEPTH TO BOTTOM OF TUBING OR DRILL PIPE: | <u>6397</u> | <u>2500</u> | <u>972</u> | | |
| SACKS OF CEMENT USED (EACH PLUG): | <u>20</u> | <u>40</u> | <u>352</u> | | |
| SLURRY VOLUME PUMPED: | <u>5.4</u> | <u>8.2</u> | <u>72</u> | | |
| MEASURED TOP OF PLUG: | <u>6049</u> | <u>1971</u> | <u>Surface</u> | | |
| SLURRY WT. #/GAL. : | <u>15.8</u> | <u>15.8</u> | <u>15.8</u> | | |
| TYPE CEMENT: | <u>G/Glue</u> | <u>G</u> | <u>G</u> | | |
| MUD FLUSH USED BBLS: | <u>0</u> | <u>0</u> | <u>10</u> | | |
| CALCIUM CHLORIDE USED LBS: | <u>0</u> | <u>0</u> | <u>0</u> | | |
| SUGAR USED LBS: | <u>0</u> | <u>0</u> | <u>100</u> | | |

SIGNATURE OF CEMENTER OR AUTHORIZED REPRESENTATIVE

SPN
NAME OF CEMENTING CO.



Well Services

Date: 8/28/18 –9/4/18

Operator: Noble Energy Inc.

Well Name: Guttersen USX CC 09-08

Legal Location: SENE Sec. 9 T4N R63W

API # 05-123-26357-00

Job Log

Weld County

8/28/18: Move in, rig up, shut down.

8/29/18: Check psi: 400/1200/0 psi, pressure test pump lines and BOP's, circulate well with water, ND WH, NU BOP's, SWI.

8/30/18: Check psi: 0/0/2 psi, pumped 155 BBLs of water, TOOH, tally and stand back 204 JTS and lay down the rest on float, RU WL to go in and set CIBP @6397', RD WL, TIH with 206 JTS and 1-10' sub to tag plug and to circulate well with 16 BBLs of water, pressure test plug to 1000 psi, held good, SWI.

8/31/18: Check psi: 0/0 psi, RU CMT equipment to pump 20sxs balance plug (6397'-6049'), RD CMT equipment, TOOH, lay down 126 JTS to leave 80 JTS and 1-10' sub in the hole (EOT@2500'), RU CMT equipment to pump 40sxs balance plug (2500'-1971'), RD CMT equipment, TOOH, stand back 32 JTS and lay down the rest on float, load well with 2 BBLs of water, RU WL to go in and cut CSG @973', RD WL, condition well with water, SWI.

9/4/18: Check psi: 0/0 psi, ND BOP's and WH, UNLAND CSG, NU BOP's, TOOH, lay down 24-4 1/2 JTS on float, change equipment to 2 3/8, TIH with 33 JTS (EOT@1022'), RU CMT equipment to condition well and to pump CMT up to surface, lay down TBG, ND BOP's, top off well with CMT (352sxs 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: Jorge Nava

State Representative: Alicia Duran

Wireline Contractor: SPN Well Services – E - Line