



Well Services

Date: 11/5/18 – 11/9/18

Operator: Noble Energy Inc.

Well Name: Hamilton 25-08B

Legal Location: SENE Sec. 25 T5N R65W

API # 05-123-16494-00

Job Log

Weld County

11/5/18: MI RU, check psi: 560/560/0 psi, pressure test pump lines and BOP's, blow pressure down, controlled well with 123 BBLs of water, ND WH, NU BOP's, SWI.

11/6/18: Check psi: 0/0/0 psi, TOOH, tally and stand back 212 JTS and lay down the rest to float, RU WL to go in and set CIBP @6604', RD WL, TIH with 212 JTS and 2-10' subs to tag plug, circulate well with water, pressure test plug to 1000 psi, held good, RU CMT equipment to pump 200sxs balance plug (6604'-6255'), RD CMT equipment, stand back 20 JTS, SWI.

11/7/18: Check psi: 0/90/0 psi, blow pressure down, stand back a total of 82 JTS and lay down the rest on float, load well with 10 BBLs of water, RU WL to go in and cut CSG @2500', RD WL, circulate well with water, ND BOP's and WH, UNLAND CSG, NU BOP's, SWI.

11/8/18: Check psi: 0/0 psi, TOOH, lay down 59-4 ½ JTS on float, TIH with 82 JTS (EOT@2545'), circulate well with water, TOOH, SWI.

11/9/18: Check psi: 0 psi, TIH with 82 JTS (EOT@2545'), RU CMT equipment to condition well and to pump 200sxs balance plug (2545'-1988'), lay down 58 JTS to leave EOT @762'), RU CMT equipment to condition well and to pump CMT up to surface, lay down TBG, ND BOP's, top off well with CMT (245sxs 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: John Montoya

Wireline Contractor: SPN Well Services – E - Line

LEED CEMENT REPORT

OPERATOR: NOBLE	DATE: 11/6/18-11/11/18	API# 05-123-16494
LEASE NAME: HAMILTON 25-08B	RIG # SPN 715	COUNTY: WELD

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5
CEMENT DATE:	11-6-18	11-9-18	11-9-18		
SIZE OF HOLE OR PIPE IN WHICH PLUG PLACED:	4 1/2"	4 1/2"	4 1/2"		
DEPTH TO BOTTOM OF TUBING OR DRILL PIPE:	6604'	2543	762		
SACKS OF CEMENT USED (EACH PLUG):	20 SKS	200 SKS	24 SKS		
SLURRY VOLUME PUMPED:	5.4661	4088L	2088L		
MEASURED TOP OF PLUG:	6255'	1963	Surface		
SLURRY WT. #/GAL. :	15.8	15.8	15.8		
TYPE CEMENT:	G+SILKA	G	G		
MUD FLUSH USED BBLS:	0	10	10		
CALCIUM CHLORIDE USED LBS:	0	0	0		
SUGAR USED LBS:	0	30	500		


 SIGNATURE OF CEMENTER OR AUTHORIZED REPRESENTATIVE

SPN (LEED ENERGY)
 NAME OF CEMENTING CO.