

**GREEN 17-33**

P&amp;A Procedure

Engineer: Brian Ulmer (Cell #303-905-4467)

Date: 4/26/17

**LOCATION:**

Qtr/Qtr: SWSW Section: 17 Township: 6N Range: 64W  
 Footages: 862 FSL & 563 FWL  
 COUNTY: WELD STATE: CO API #: 05-123-18642

**WELL DATA:**

Surface Csg: 8.625" 24# J-55 @ 373' KB KB Elevation: 4726'  
 Surface Cmt: 260 sx GL Elevation: 4715'  
 Long St Csg: 3.5" 7.7# KS-70 @ 7096' KB TD: 7102' KB  
 Long St Cmt: 145 sx PBDT: 7014' KB  
 Long St Date: 12/11/1994

Plug Back (Sand or CIBP): Sand  
 Perforation Interval (1): Niobrara Perforations: 6752-6785' KB  
 Perforation Interval (2): Codell Perforations: 6952-6964' KB  
 Perforation Interval (3): \_\_\_\_\_  
 Tubing: 2.063" @ 6922' KB Rods: \_\_\_\_\_  
 Pump: \_\_\_\_\_  
 Misc.: \_\_\_\_\_

**PRODUCTION STATUS:**LTSI**BRADENHEAD:**No issues**FOX HILLS COVERAGE:**No**COMMENTS:**

On 12/7/00 RIH w/ workstring for annular fill at 4110'. Pumped 350 sx 50/50 POZ, and then staged out of hole pumping 750 sx 10.5 ppg light cement. No CBL was ran, assuming for procedure that cement is near surface above the shoe where annulus can just be topped off. **Need to run CBL.**

**PROCEDURE:**

- 1) MIRU workover rig, pump, and tank.
- 2) Blow down well and roll hole with fresh water, if possible.
- 3) ND WH, NU BOP.
- 4) POOH and stand back tbq.
- 5) RU WL and RIH w/ CIBP and set @ 6702'
- 6) Dump bail 2 sx of Class G Neat cement on top of CIBP. TOC @ 6652'
- 7) Load hole with fluid and pressure test CIBP to 500 psi with rig pumps. Hold for 15 minutes.  
Test will be considered successful if lose less than 100 psi. If test is unsuccessful, contact engineer.
- 8) Keep 500 psi on well and run CBL to confirm that cement is from 4110' to surface.
- 9) RIH w/ workstring to 4080' and pump 35 sx balanced plug of Class G Neat Cement. New TOC: 3390'

Length (ft)	OD (in)	ID (in)	ft <sup>3</sup> /ft	Volume (ft <sup>3</sup> )	Yield (ft <sup>3</sup> /sk)	Cement (sk)	Nearest 5sk
690	3.068	0.000	0.051	35	1.150	31	35
						<b>TOTAL:</b>	<b>35</b>

- 10) POOH w/ workstring to 2500' and pump 25 sx balanced plug of Class G Neat Cement. New TOC: 2000'

Length (ft)	OD (in)	ID (in)	ft <sup>3</sup> /ft	Volume (ft <sup>3</sup> )	Yield (ft <sup>3</sup> /sk)	Cement (sk)	Nearest 5sk
500	3.068	0.000	0.051	26	1.150	22	25
						<b>TOTAL:</b>	<b>25</b>

- 11) POOH w/ workstring to 875' and pump 40 sx of Class G Neat Cement to surface.

Length (ft)	OD (in)	ID (in)	ft <sup>3</sup> /ft	Volume (ft <sup>3</sup> )	Yield (ft <sup>3</sup> /sk)	Cement (sk)	Nearest 5sk
875	3.068	0.000	0.051	45	1.150	39	40
						<b>TOTAL:</b>	<b>40</b>

- 12) POOH workstring. Top off cement as needed. Cement needs to be ~10' from surface.
- 13) ND BOP.
- 14) RDMO.

**NOBLE ENERGY INC.**  
 GREEN 17-33  
 SWSW 17-6N-64W  
 862 FSL & 563 FWL  
 WELD COUNTY, CO  
 Wattenberg  
**PROPOSED WELLBORE SCHEMATIC**  
 for P&A  
 Date: 4/26/17  
 Drawing not to scale

API: 05-123-18642

GL Elev: 4715'  
 KB Elev: 4726'

**Spud Date:** 12/5/1994

**Surface Casing:**  
 8.625" 24# J-55 @ 373' KB  
 Cement: 260 sx  
 TOC: Surface

Water Well	675	875
FH:	375	575
Sfc Casing	373	573
Min. shoe plug depth:		<b>875</b>

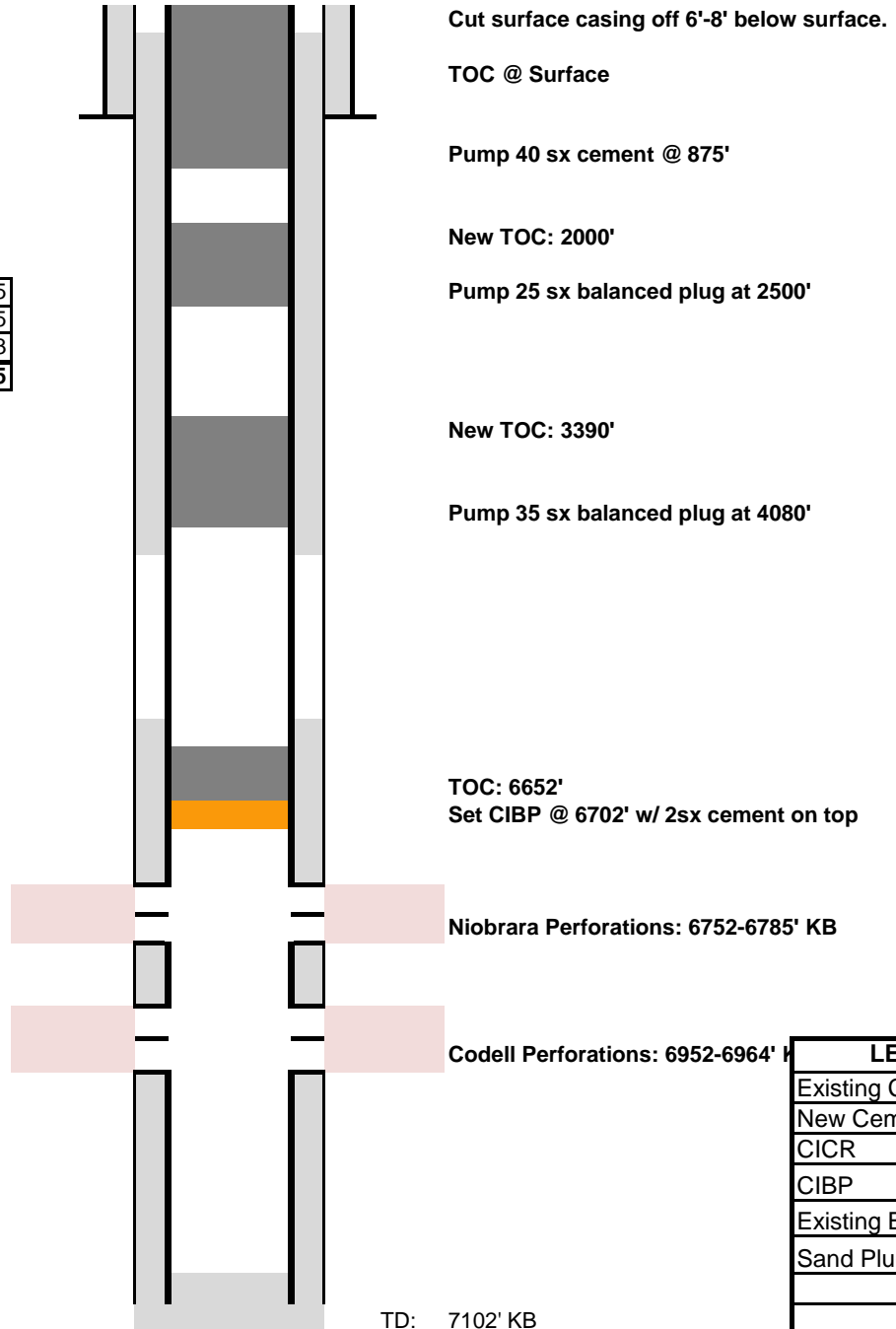
**Parkman top:** 3597'

**Parkman base:** 3978'

**TOC: 6326'**

**Nio log top: 6629'**

**Production Casing:**  
 3.5" 7.7# KS-70 @ 7096' KB  
 Cement: 145 sx  
 TD: 12/11/1994



LEGEND	
Existing Cement	
New Cement	
CIBP	
CIBP	
Existing BP	
Sand Plug	

