



JOB DATA SHEET

Company LEED ENERGY SERVICES Well Name and No. TANIA BLUE D02-14 Engineer CODY FORNENGO  
 County WELD Date 8/23/2018 Ticket No. 3812-1047 Unit No. WL 3812  
 District Greeley CO 0928-200 Line Size 9/32" Line Length 22,000'  
 Job Time: 12:30 PM Shop Time: 7:00 AM Leave Shop: 11:40 AM Arrive Location: 12:15 PM  
 Field Hrs. 1:20:00 Standby Hours: 0:00:00 Total Hours 2:25:00 Travel Time Hrs. 1:05:00  
 Trip Miles 45 Leave Location: 3:50 PM Arrive Shop: 4:20 PM

**Notice: Engineer to monitor for stray voltage prior to rig up:** Wellhead volts: 0 Rig volts: 0

Were there any equipment or down hole failures? Yes  No  If yes explain on Quality Control Analysis Form  
 Were there any hot shots required? Yes  No  If yes explain on Quality Control Analysis Form  
 Were there any personnel problems? Yes  No  If yes explain on Quality Control Analysis Form  
 Were there any accidents? Yes  No  If yes explain on Quality Control Analysis Form  
 Were there any near misses? Yes  No  If yes explain on Quality Control Analysis Form

\*\*\*\*\* Well Information \*\*\*\*\*

Casing Size 2 7/8" 6.5# Liner Size N/A Tubing Size N/A Drill Pipe Size N/A  
 Drill Collar N/A Minimum I.D. N/A Fluid Level FULL Deviation 0  
 Max. Temp. 220 DEG. F. Max. Pressure 0

\*\*\*\*\* Run Data \*\*\*\*\*

**RUN INFORMATION**

\*\*\*\*\*REMARKS SECTION\*\*\*\*\*DESCRIBE RUN DETAILS IN FULL\*\*\*\*\*

1 Time in	<u>2:00 PM</u>	Out	<u>2:20 PM</u>	RIH WITH ASPX SOLIFFE GUN
From	<u>SURFACE</u>	To	<u>4,445'</u>	SHOOT @ 4,445'
Service	<u>SQUEEZE GUN (shoot @ 4</u>			POOH
2 Time in	<u>3:00 PM</u>	Out	<u>3:25 PM</u>	RIH WITH CICR FOR 2 7/8" CASING
From	<u>SURFACE</u>	To	<u>4,345'</u>	SET @ 4,345'
Service	<u>CICR (set @ 4,345')</u>			POOH
3 Time in	<u>12:00 AM</u>	Out	<u>12:00 AM</u>	
From	<u>0</u>	To	<u>0</u>	
Service	<u>0</u>			
4 Time in		Out		
From	<u>0</u>	To		
Service	<u>0</u>			
5 Time in		Out		
From		To		
Service				
6 Time in		Out		
From		To		
Service				
7 Time in		Out		
From		To		
Service				
8 Time in		Out		
From		To		
Service				



# Well Services

## JOB DATA SHEET

Company LEED Energy Services Well Name and No. TANIA BLUE #D 2-14 Engineer JOSH KERR  
 County WELD Date 8/27/2018 Ticket No. 3813-0405 Unit No. WL 3813  
 District Greeley CO 0928-200 Line Size 9/32" Line Length 15000  
 Job Time: 8:30 AM Shop Time: 7:00 AM Leave Shop: 7:45 AM Arrive Location: 8:15 AM  
 Field Hrs. 0:45:00 Standby Hours: 0:00:00 Total Hours 1:50:00 Travel Time Hrs. 1:05:00  
 Trip Miles 50 Leave Location: 9:55 AM Arrive Shop: 10:30 AM

**Notice: Engineer to monitor for stray voltage prior to rig up:** Wellhead volts: 0 Rig volts: 0

Were there any equipment or down hole failures? Yes      No X If yes explain on Quality Control Analysis Form  
 Were there any hot shots required? Yes      No X If yes explain on Quality Control Analysis Form  
 Were there any personnel problems? Yes      No X If yes explain on Quality Control Analysis Form  
 Were there any accidents? Yes      No X If yes explain on Quality Control Analysis Form  
 Were there any near misses? Yes      No X If yes explain on Quality Control Analysis Form

\*\*\*\*\* Well Information \*\*\*\*\*

Casing Size 2.875" Liner Size      Tubing Size      Drill Pipe Size       
 Drill Collar      Minimum I.D.      Fluid Level      Deviation       
 Max. Temp.      Max. Pressure     

\*\*\*\*\* Run Data \*\*\*\*\*

**RUN INFORMATION**

**\*\*\*\*\*REMARKS SECTION\*\*\*\*\*DESCRIBE RUN DETAILS IN FULL\*\*\*\*\***

1 Time in	<u>9:15 AM</u>	Out	<u>9:30 AM</u>	<u>RIH WITH JET CUTTER FOR 2.875" CASING, CUT CASING @ 876' , POOH</u>	<u>27-Aug</u>
From	<u>SURFACE</u>	To	<u>876'</u>		
Service	<u>CUT @ 876'</u>				
2 Time in	<u>12:00 AM</u>	Out	<u>12:00 AM</u>		
From	<u>0</u>	To	<u>0</u>		
Service	<u>0</u>				
3 Time in	<u>12:00 AM</u>	Out	<u>12:00 AM</u>		
From	<u>0</u>	To	<u>0</u>		
Service	<u>0</u>				
4 Time in	<u>    </u>	Out	<u>    </u>		
From	<u>    </u>	To	<u>    </u>		
Service	<u>    </u>				
5 Time in	<u>    </u>	Out	<u>    </u>		
From	<u>    </u>	To	<u>    </u>		
Service	<u>    </u>				
6 Time in	<u>    </u>	Out	<u>    </u>		
From	<u>    </u>	To	<u>    </u>		
Service	<u>    </u>				
7 Time in	<u>    </u>	Out	<u>    </u>		
From	<u>    </u>	To	<u>    </u>		
Service	<u>    </u>				
8 Time in	<u>    </u>	Out	<u>    </u>		
From	<u>    </u>	To	<u>    </u>		
Service	<u>    </u>				



JOB DATA SHEET

Company LEED Energy Services Well Name and No. TANIA BLUE #D 2-14 Engineer JOSH KERR  
 County WELD Date 8/24/2018 Ticket No. 4495-0554 Unit No. WL 4495  
 District Greeley CO 0928-200 Line Size 9/32" Line Length 0  
 Job Time: 10:30 AM Shop Time: 7:00 AM Leave Shop: 9:15 AM Arrive Location: 10:00 AM  
 Field Hrs. 1:00:00 Standby Hours: 0:00:00 Total Hours 2:20:00 Travel Time Hrs. 1:20:00  
 Trip Miles 50 Leave Location: 2:05 PM Arrive Shop: 2:40 PM

**Notice: Engineer to monitor for stray voltage prior to rig up: Wellhead volts: 0 Rig volts : 0**

Were there any equipment or down hole failures? Yes      No X If yes explain on Quality Control Analysis Form  
 Were there any hot shots required? Yes      No X If yes explain on Quality Control Analysis Form  
 Were there any personnel problems? Yes      No X If yes explain on Quality Control Analysis Form  
 Were there any accidents? Yes      No X If yes explain on Quality Control Analysis Form  
 Were there any near misses? Yes      No X If yes explain on Quality Control Analysis Form

Well Information

Casing Size 2 7/8" Liner Size      Tubing Size      Drill Pipe Size       
 Drill Collar      Minimum I.D.      Fluid Level      0 Deviation       
 Max. Temp.      Max. Pressure     

Run Data

RUN INFORMATION

REMARKS SECTION DESCRIBE RUN DETAILS IN FULL

1 Time in 12:40 PM Out 12:55 PM RIH WITH 6 SPF SQUEEZE GUN, PERF @ 2,500', POOH  
 From SURFACE To 2,500' 24-Aug  
 Service PERF @ 2,500'

2 Time in 1:30 PM Out 1:45 PM RIH WITH CICR FOR 2 7/8" CASING, SET @ 2,414', POOH  
 From SURFACE To 2,414' 24-Aug  
 Service CICR @ 2,414'

3 Time in      Out       
 From      To       
 Service     

4 Time in      Out       
 From      To       
 Service     

5 Time in      Out       
 From      To       
 Service     

6 Time in      Out       
 From      To       
 Service     

7 Time in      Out       
 From      To       
 Service     

8 Time in      Out       
 From      To       
 Service



Company LEED Energy Services Well Name and No. Tania Blue D02-14 Engineer Tony Serrano  
 County Weld Date 8/22/2018 Ticket No. 7770-1220 Unit No. WL 7770  
 District Greeley CO 0928-200 Line Size 9\32 Line Length 25200  
 Job Time: 2:00 PM Shop Time: 7:00 AM Leave Shop: 1:00 PM Arrive Location: 1:30 PM  
 Field Hrs. 1:35:00 Standby Hours: 0:00:00 Total Hours 2:35:00 Travel Time Hrs. 1:00:00  
 Trip Miles 48 Leave Location: 3:30 PM Arrive Shop: 4:00 PM

**Notice: Engineer to monitor for stray voltage prior to rig up:** Wellhead volts: 0 Rig volts : 0

Were there any equipment or down hole failures? Yes      No X If yes explain on Quality Control Analysis Form  
 Were there any hot shots required? Yes      No X If yes explain on Quality Control Analysis Form  
 Were there any personnel problems? Yes      No X If yes explain on Quality Control Analysis Form  
 Were there any accidents? Yes      No X If yes explain on Quality Control Analysis Form  
 Were there any near misses? Yes      No X If yes explain on Quality Control Analysis Form

\*\*\*\*\* Well Information \*\*\*\*\*

Casing Size 4.5 Liner Size      Tubing Size 2.375 Drill Pipe Size       
 Drill Collar      Minimum I.D.      Fluid Level FULL Deviation       
 Max. Temp.      Max. Pressure     

\*\*\*\*\* Run Data \*\*\*\*\*

**RUN INFORMATION**

\*\*\*\*\*REMARKS SECTION\*\*\*\*\* DESCRIBE RUN DETAILS IN FULL \*\*\*\*\*

1 Time in 2:20 PM Out 3:10 PM RIH WITH CIBP, SET @ 6,510', POOH  
 From SURFACE To 6,510'  
 Service SET CIBP @ 6,510' 22-Aug

2 Time in 12:00 AM Out 12:00 AM  
 From 0 To 0  
 Service 0

3 Time in 12:00 AM Out 12:00 AM  
 From 0 To 0  
 Service 0

4 Time in      Out       
 From      To       
 Service     

5 Time in      Out       
 From      To       
 Service     

6 Time in      Out       
 From      To       
 Service     

7 Time in      Out       
 From      To       
 Service     

8 Time in      Out       
 From      To       
 Service



# Well Services

Date: 8/21/18 –8/27/18

Operator: Noble Energy Inc.

Well Name: Tania Blue D 02-14

Legal Location: SESW Sec. 2 T3N R64W

API # 05-123-16586-00

Job Log

Weld County

8/21/18: Move in, rig up, shut down.

8/22/18: Check psi: 356/558/0 psi, pressure test pump lines and BOP's, circulate well with 46 BBLs of water, ND WH, NU BOP's, TOOH, lay down 206 JTS on float, RU WL to go in and set CIBP @6510', RD WL, TIH with mule shoe and 80 JTS, SWI.

8/23/18: Check psi: 0/0/0 psi, continue to trip in hole from float, tag CIBP @6510' with 202 JTS in the hole, circulate well with 23 BBLs of water, pressure test plug to 1000 psi, held good, RU CMT equipment to pump 10sxs balance plug (6510'-6043'), RD CMT equipment, TOOH, stand back 134 JTS and lay down the rest on float, RU WL to go in and shoot squeeze holes @4445' and to set CICR @4345', TIH with stinger, 135 JTS and 1-4' sub to sting into retainer, pressure test back side to 500 psi, held good, SWI.

8/24/18: Check psi: 0/0/100 psi, RU CMT equipment to condition well and to pump 260sxs through retainer and 15sxs on top of retainer (4345'-2062'), RD CMT equipment, TOOH, stand back 74 JTS and lay down the rest on float, RU WL to go in and shoot squeeze holes @2500' and to set CICR @2414', RD WL, TIH with stinger and 75 JTS to sting into retainer @2414', RU CMT equipment to condition well and to pump 175sxs through retainer and to leave 10sxs on top of retainer (2414'-2062'), RD CMT equipment, TOOH, stand back 28 JTS, circulate well with water, lay down the rest on float, SWI.

8/27/18: Check psi: 0/100 psi, RU WL to go in and cut CSG @876', RD WL, condition well with water, ND BOP's and WH, UNLAND CSG, NU BOP's, RU CMT equipment to condition well and to pump CMT up to surface, lay down CSG, ND BOP's, top off well with CMT (337sxs 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: Jim Precup

Wireline Contractor: SPN Well Services – E - Line