

Date: 4/6/16 – 4/11/16

Operator: Noble Energy Inc.

Well Name: **Winder 2-19**

Legal Location: SWNW Sec. 19 T6N R66W

API # 05-123-12534-00



Job Log

Weld County

4/6/16: MIRU P & A Equipment, Check P.S.I. = 600/600/0. Bleed off pressure, Control well with 40 BBL down CSG and 15 down TBG. Open well, NU. SWI.

4/7/16: Check P.S.I. = 0/40/20. Bleed off 10/10 BBL. POOH LD 1-10.00' Pup JT. POOH tally to derrick with 220 JTS 2 3/8" TBG. POOH LD on float with 1 JT 2 3/8" TBG. RU wireline. RIH with CIPB and setting tool for 4.5" 11.6# CSG. Set CIBP @ 7072'. RD wireline. RIH from derrick with 220 JTS 2 3/8" TBG. PU & RIH with 1 JT 2 3/8" TBG. BOT @ 7071'. Load CSG with 65 BBL fresh water and circulate. SWI.

4/8/16: Check P.S.I. 0/0/0. BOT @ 7071.19'. RU Cement, set balance plug, mix and pump 25 sxs CMT (5BBL). Displace with 26BBL fresh water. BOT 7072'. RD Cement. POOH SB to derrick with 78 JTS 2 3/8" TBG. POOH LD on float with 143 JTS 2 3/8" TBG. RU wire line, Cut casing @ 2500. RD wireline. ND BOPS. ND 5K WH. RIH with down hole tools CSG spear for 4.5" 11.6# CSG. Strip on 5K annular flange with 12" R53 ring. POOH LD on float with 61 JTS 4.5" CSG. SWI.

4/11/16: Check P.S.I. = 0. TIH with 78 JTS 2 3/8" TBG. PU and RIH with 1 JT 2 3/8" TBG. BOT @ 2529'. Roll the hole. RU cement, set stub plug, mix and pump 100 sxs CMT (20.3BBL). RD Cement. POOH LD on float with 57 JTS 2 3/8" TBG, leaving 22 JTS TBG with BOT @ 720'. RU Cement, mix and pump 246 sxs CMT (49.9BBL). Set shoe plug, pump to surface. RD cement. POOH LD on float with 22 JTS 2 3/8" TBG. ND BOPS. RU Cement and top well off with 3 BBL CMT slurry. SWI. P & A Complete.

\*\*\*All cement is 15.8 # Class "G" neat cement\*\*\*

Cementing Contractor: LEED Energy Services

Cementing Contractor Supervisor: William Moody

Operator Supervisor: Kevin Monaghan

State Representative: Jason Gomez

Wireline Contractor: Integrated Production Services

Customer Printed Name \_\_\_\_\_



# Integrated Production Services. JOB DATA SHEET

Company LEED Energy Services Well Name and No. WINDER 2-19 Engineer 0  
County Weld Date 4/8/2016 Ticket No. 4310-0817 Unit No. 4310  
District Greeley CO 0928-200 Line Size 0.282 Line Length 0  
Job Time: 10:00 AM Shop Time: 7:00 AM Leave Shop: 9:15 AM Arrive Location: 9:45 AM  
Field Hrs. 1:25:00 Standby Hours: 0:00:00 Total Hours 2:25:00 Travel Time Hrs. 1:00:00  
Trip Miles 40 Leave Location: 11:50 AM Arrive Shop: 12:20 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 4.5 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 10:05 AM Out 10:35 AM RIH with CIBP, set@7072', POOH 4-7-18  
From SURFACE To 7072  
Service CIBP(set@7072') 4/07  
2 Time in 11:05 AM Out 11:20 AM RIH with CBL tools, logged 2687' to 2275', POOH  
From SURFACE To 2687  
Service CBL(2687'-2275') 4/08  
3 Time in 11:25 AM Out 11:40 AM RIH with Jet Cutter, cut Casing@2500', POOH  
From SURFACE To 2500  
Service Jet Cutter(Cut@2500') 4/08  
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