

Date: 2/21/17 –2/24/17

Operator: Noble Energy Inc.

Well Name: Wells Ranch USX BB 3-04

Legal Location: NWNW Sec. 3 T5N R63W

API # 05-123-26318-00

Job Log

Weld County



2/21/17: MI RU, check psi: 1180/1180/0 psi, pressure test pump's lines, function test BOPs, blow pressure down, circulate the well with 125 BBLs, ND WH, NU BOPs, RU work floor, SWI.

2/2/17: Check psi: 0/0/0 psi, TOO H, tally and stand back 48 JTS and lay down the rest on float, RU WL to set CIBP @6463' and spot 2sxs of CMT on plug, load well with 30 BBLs of water to pressure test CSG to 1000 psi, held good, RI to shoot squeeze holes @1595', RD WL, TIH with CICR and 48 JTS to set retainer @1495', pumped 15 BBLs into it up surface CSG, SWI.

2/23/17: Check psi: 0/0/0 psi, RU CMT equip to pump 200sxs through retainer and 10sxs on top (1495'-1363'), TOO H, stand back 28 JTS and lay down the rest on float, load well with 8 BBLs of fresh water, RU WL to go in and cut CSG @762', ND BOPs and WH, unland CSG, NU BOPs, RU work floor, TOO H, lay down 19-4 ½ JTS, change tools for 2 3/8, SWI.

2/24/17: Check psi: 0/0 psi, TIH with 24 JTS (EOT@767'), catch circulation, RU CMT equip to pump CMT to surface, TOO H, lay down TBG, ND BOPs, top off well with CMT (297sxs top plug), SWI, RD MO.

All cement is 15.8 # Class "G" neat cement

Cementing Contractor: LEED Energy Services

Cementing Contractor Supervisor: Sergio Gutierrez

Operator Supervisor: Kevin Monaghan

State Representative: Conor Pesicka

Wireline Contractor: Integrated Production Services

LEED CEMENT REPORT

operator: <u>Noble</u>	Date: <u>2-23-17</u>	API #
Lease Name: <u>well center usx 50</u> <u>3-4</u>	Rig #: <u>716</u>	County: <u>Ward</u>

	Plug# 1	Plug# 2	Plug# 3	Plug# 4	Plug# 5
Cement Date:	<u>2-23-17</u>	<u>2-24-17</u>			
Size of Hole or Pipe in which Plug Placed:	<u>4 1/2" - 10"</u>	<u>8 5/8" - 10"</u>			
Depth to Bottom of Tubing or Drill Pipe:	<u>1495'</u>	<u>767'</u>			
Sacks of Cement Used (each plug):	<u>210</u>	<u>297'</u>			
Slurry Volume Pumped:	<u>43.0</u>	<u>61</u>			
Measured Top of Plug:	<u>1367'</u>	<u>surface</u>			
Slurry Wt. #/Gal.	<u>15.8</u>	<u>15.8</u>			
Type Cement:	<u>G</u>	<u>G</u>			

10000
mud flush.

[Signature]

Signature of Cementer or Authorized Representative

Leed

Name of Cementing Company

DAILY WORK REPORT

LEED ENERGY SERVICES, INC.
303-654-9202
P.O. BOX 329 • 1352 FACTORY DRIVE
FORT LUPTON, CO. 80621

1399



NO. 55467
55467

1001304

Date 2-21-17

Customer Noble energy

State Colorado

Well / Lease Wells Ranch USX BB 3-4

County Weld ✓

Company Rep. Kevin Monaghan Time 9:00 To 4:00 Area Gas
START FINISH

Rig No. 716

DESCRIPTION

Drive crew to location have safety meeting
Spot in base beam and Rig, spot pump and tank
Rig up Rig, check well pressure 1180/1180/0 hook
up pump and tank bleed down pressure to the tank
pumped down 125 bbls to rate the hole clean nipple up
bops and Rig floor secure well in drain up equipment
shut down drive crew back to the yard.

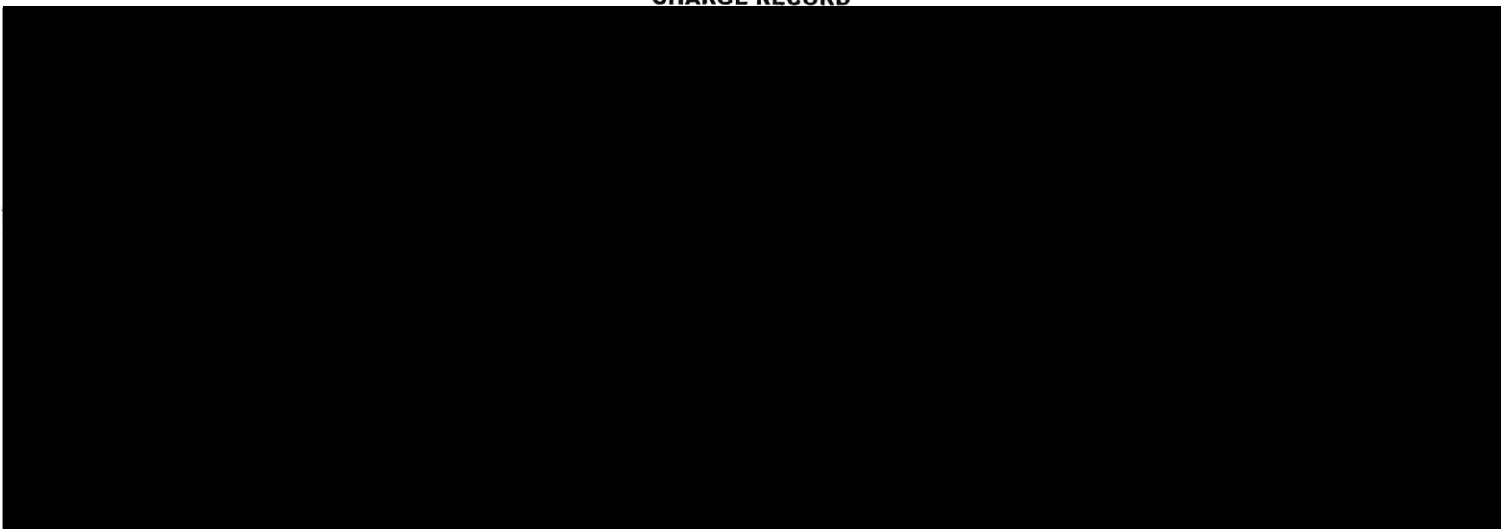
TOOL BOX SAFETY MEETING

ATTENDEES OTHER THAN LISTED BELOW

PEA Day 1

TOPIC

CHARGE RECORD



CHARGE RECORD

Type Well Head _____ Mud Anchor _____ No. & Size Rods _____
Packer Settings _____ Size Tubing _____ No. & Size Subs _____
Type Packer _____ Subs _____ Pump Description (out) _____
No. Jts. Tubing _____ Perf Nppl _____ (in) _____

SIGNATURE - CUSTOMER REPRESENTATIVE

SIGNATURE - SUPERVISOR

	RIG	TRAVEL	TOTAL
OPERATOR <i>Fouca Hernandez</i>	6 1/2	1/2	7
DERRICKMAN <i>Jose Cabral</i>	1	1	2
FLOOR HAND <i>Jose Rivera</i>	1	1	2
FLOOR HAND <i>Jose Morales</i>	1	1	2

DAILY WORK REPORT

LEED ENERGY SERVICES, INC.
303-654-9202
P.O. BOX 329 • 1352 FACTORY DRIVE
FORT LUPTON, CO 80621

1399



NO. 55468
55468

LONG. 104.4303.W
LAT. 40.4342.N

1001304

Date 2-22-17

Customer Noble Energy

State Colorado

Well / Lease Wells Ranch USX BB 3-4

County Weld ✓

Company Rep. Kevin Monaghan Time 6:00 To 3:30 Area Gas

Rig No. 716

DESCRIPTION

DRIVE CREW TO LOCATION HAVE SAFETY MEETING, START UP EQUIPMENT, CHECK WELL PRESURE = O/O TRIP OUT TO DEMARK 24 STANDS AND LAY DOWN 169 JOINTS RIG UP WIRE LINE TO SET CIBP @ 6463 DUMP BALL 2 SX OF CEMENT LOAD UP HOLE 30BBIS PSI TEST CASING TO 1,000 PSI FOR 15 MINS HELD PSI GOOD, BLEED OFF PORFARATE HOLE @ 1595 RIG DOWN WIRE LINE, TRIP IN THE HOLE WITH CIBP SET RETAINER @ 1495.66 RIG DOWN 15BBIS TO INJECT THRU RETAINER SHUT WELL IN DRAIN UP EQUIPMENT, SHUT DOWN DRIVE CREW TO VOA

TOOL BOX SAFETY MEETING

ATTENDEES OTHER THAN LISTED BELOW

TOPIC

P&A Day 2

CHARGE RECORD



CHARGE RECORD

Type Well Head _____ Mud Anchor _____ No. & Size Rods _____
 Packer Settings _____ Size Tubing _____ No. & Size Subs _____
 Type Packer _____ Subs _____ Pump Description (out) _____
 No. Jts. Tubing _____ Perf. Nppl. _____ (in) _____

SIGNATURE - CUSTOMER REPRESENTATIVE

SIGNATURE - SUPERVISOR

	RIG	TRAVEL	TOTAL
OPERATOR <i>Jose Hernandez</i>	8 1/2	1	9 1/2
DERRICKMAN <i>Jose Rivera</i>	1	1	1
FLOOR HAND <i>Jose Cabral</i>	1	1	1
FLOOR HAND <i>Jose Morales</i>	1	1	1

DAILY WORK REPORT

LEED ENERGY SERVICES, INC.
303-654-9202
P.O. BOX 329 • 1352 FACTORY DRIVE
FORT LUPTON, CO. 80621

1399



NO. 55469
55469

LONG 104.4303 W
LAT. 40.4342 N

1001304

Date 2-23-17

Customer Noble Energy

State Colorado

Well / Lease Wells Branch US2 BB 3-4

County Weld ✓

Company Rep. Kevin Manshew Time 6:00 To 5:30 Area Gas

Rig No. 716

DESCRIPTION

DRIVE crew to location have safety meeting. WARM UP equipment. Check Well Pressure = 0/0 RIG UP cementers Pump thru Retainer @ 1495 with 48 Joints 200 Sacks thru retainer and 10 Sacks on top of Retainer TRIP OUT TO derrick 12 STANDS and Lay down 24 Joints Load hook with wire 8bbis RIG UP wire line to Jet cut casing @ 762 RIG down wire line Run the hole. NIPPLE down pups SPEER UP on casing NIPPLE UP on casing head NIPPLE UP bars and RIG floor Lay down 4 1/2 casing on TRL TOTAL of 19 JTS Secure well in

TOOL BOX SAFETY MEETING

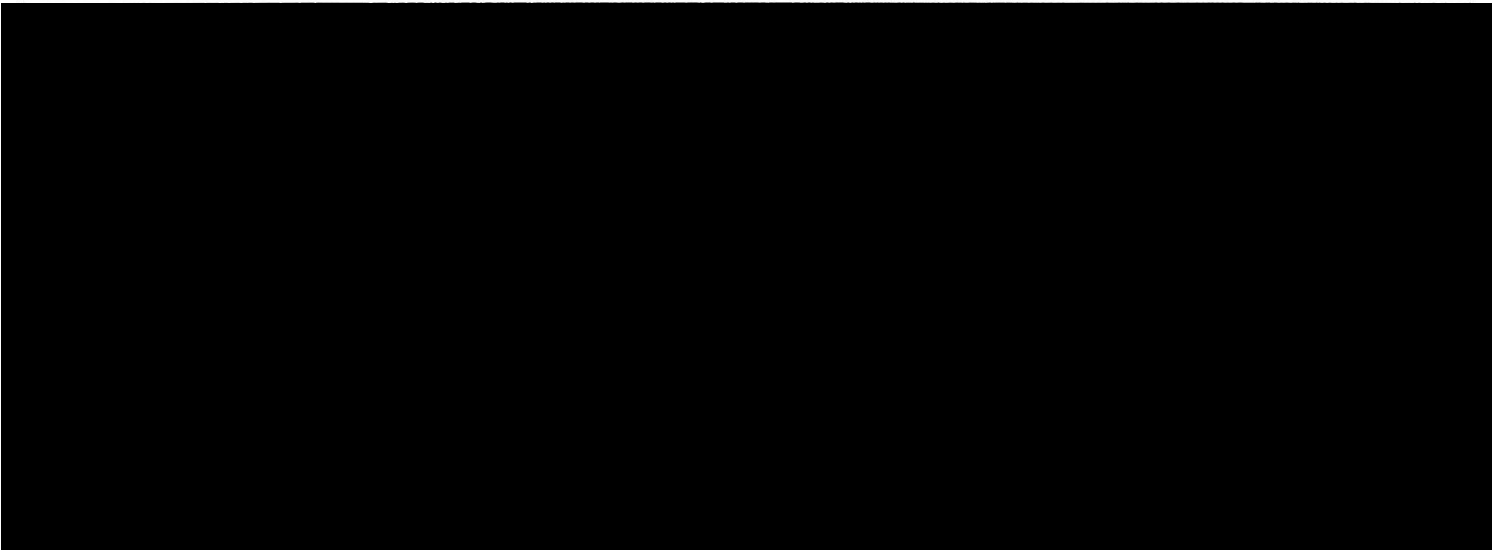
draw up equipment Shut down draw crew back to the well

ATTENDEES OTHER THAN LISTED BELOW

TOPIC

P&A Day 3

CHARGE RECORD



Type Well Head _____ Mud Anchor _____ No. & Size Rods _____
Packer Settings _____ Size Tubing _____ No. & Size Subs _____
Type Packer _____ Subs _____ Pump Description (out) _____
No. Jts Tubing _____ Perf. Nppl _____ (in) _____

SIGNATURE - CUSTOMER REPRESENTATIVE

SIGNATURE - SUPERVISOR

	RIG	TRAVEL	TOTAL
OPERATOR <i>Jesus Hernandez</i>	10 1/2	1	11 1/2
DERRICKMAN <i>Jose Rivera</i>			
FLOOR HAND <i>Jose Cabral</i>			
FLOOR HAND <i>Jose Morales</i>			

DAILY WORK REPORT

LEED ENERGY SERVICES, INC.
303-654-9202
P.O. BOX 329 • 1352 FACTORY DRIVE
FORT LUPTON, CO 80621

1399



NO. 55470
55470

1001304

LONG. 104.4303 W
LAT. 40.4342 N

Date 2-24-17

Customer Noble Energy

State Colorado

Well / Lease Weis Ranch USX BB 3-4

County Weld ✓

Company Rep. Kevin Monaghan Time 6:00 To 3:00 Area Gas
START FINISH

Rig No. 716

DESCRIPTION

DRIVE crew TO location have safety meeting
WARM UP EQUIPMENT, Check Well Pressure = 0 TRIP IN
The hole from derrick with 24 joints @ 767.57, catch
Circulation. RIG UP CEMENTERS, PUMP CEMENT TOTAL OF 297
Sacks TO Surface Lay down pipe ON TRU, RIG DOWN RIG FLOOR
NIPPLE DOWN BOPS screw on Surface Cap WASH DOWN EQUIPMENT
RIG DOWN RIG, break down hard lines, drain UP EQUIPMENT
SHUT DOWN drive crew back to the yard

TOOL BOX SAFETY MEETING

ATTENDEES OTHER THAN LISTED BELOW

TOPIC 185 Total Man hours. P & A Final

CHARGE RECORD

TASK _____

K. MONAGHAN
Work Ordered By

Feb 27, 2017
APPROVED

[Signature]

Monaghan (1st approver E. Zwaagstra)

CHARGE RECORD

Mud Anchor _____ No. & Size Rods _____

Size Tubing _____ No. & Size Subs _____

Subs _____ Pump Description (out) _____

Perf. Nppl. _____ (in) _____

CUSTOMER REPRESENTATIVE

SIGNATURE - SUPERVISOR

	RIG	TRAVEL	TOTAL
OPERATOR <i>Feipe Hernandez</i>	8	1	9
DERRICKMAN <i>Jose Cabral</i>	1	1	1
FLOOR HAND <i>Jose Rivera</i>	1	1	1
FLOOR HAND <i>Jose Morales</i>	1	1	1