



Noble Energy, Inc.  
1600 Broadway St.  
Denver, CO 80202

P.O. Box 1979, Farmington, NM 87499  
(505) 325-2627

Name: SCHMIDT G19-23  
API:05-123-25440, Rig #04

## Well Plugging Report

### Work Detail

Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Load supplies and equipment, travel from A plus yard to location.
06:30 AM	07:00 AM	P	HSM and JSA, perform Daily Check list.
07:00 AM	07:30 AM	P	Serviced and started equipment.
07:30 AM	08:00 AM	P	Load and secured equipment. Perform pre-trip inspection, waited on old location due to bad weather conditions (FOGGY CONDITIONS).
08:00 AM	09:00 AM	P	Road Rig and equipment to location.
09:00 AM	10:00 AM	P	HSM and JSA, Spot in Base Beam and Pulling Unit. Perform LOTO On Pulling unit Road to Hoist. Check Pressures SITP 150-# SICP 100-# SIBHP 0-#.
10:00 AM	11:00 AM	P	R/U Pulling Unit and Perform Rig Inspection Check List.
11:00 AM	12:00 PM	P	Spot in Pump truck, R/U Pump Lines to Wellhead.
12:00 PM	01:00 PM	P	Pressure and function test BOP on stomp.
01:00 PM	02:00 PM	P	Pump Down CSNG Up TBG, loaded CSNG with 87 BBLs. and pumped total of 150 BBLs to circulate well clean.
02:00 PM	02:30 PM	P	R/D Production Lubricator, remove nuts and bolts from well head, attempt to pull and remove 5k well head flange.
02:30 PM	03:00 PM	P	R/D Master valve, and pull 5k flange, install TBG Slips and remove flange, install 5k mandrel and land TBG in well head. N/U BOP.
03:00 PM	04:00 PM	P	R/U work floor and 2-3/8" tubing equipment.
04:00 PM	05:00 PM	P	Pressure test Pipe rams on well head, low pressure test failed, high pressure test good.
05:00 PM	05:30 PM	P	Drain and winterize equipment.
05:30 PM	06:00 PM	P	SIW, CSNG Pressured up and started leaking through Pipe Rams, monitored well pressure in well.
06:00 PM	07:00 PM	P	Wait on new Landing Mandrel.
07:00 PM	07:30 PM	P	Remove TIW Valve, Land well with new mandrel.
07:30 PM	08:00 PM	P	SIW, Clean and secure location, SDFD.
08:00 PM	09:00 PM	P	Crew travel to A plus Yard.

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

### Crew:

Title	Name	Hours	Vehicle
Supervisor:	Espino Paez, Juan	15.50	11 - Crew PU
Operator:	Garcia, Favian	15.50	35 - Crew PU
Derrick:	Morales, Guillermo	15.50	
Floor Hand:	Jimenez, Jose	15.50	
Floor Hand:	Meza, Juan	15.50	
Floor Hand:	Lozano, Alvaro	15.50	38 - Crew PU



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05:30 AM	06:30 AM	P	Load supplies and equipment, travel from A plus yard to location.
06:30 AM	07:00 AM	P	HSM and JSA perform Daily Check list, Check ground cables w/ ohm meter.
07:00 AM	07:30 AM	P	Check well head pressures, SICP 0 #, SITP 0 #, SIBHP 0 #, R/U bleed down line.
07:30 AM	08:30 AM	P	Pressure test BOP (Pipe Rams). low pressure test @ 350 PSI. High pressure test @ 2200 PSI, held 15 min tested good.
08:30 AM	09:00 AM	P	Pumped 30 BBLS. of fresh water down CSNG.
09:00 AM	10:30 AM	P	TOOH, SB, and TALLY 40 Stands, L/D 153 jts on tbq. trailer.
10:30 AM	11:00 AM	P	HSM, and JSA with wire line crew. N/D stripping head, R/U Cutters 5k flange.
11:00 AM	11:30 PM	P	R/U Wire Line. P/U 4 1/2" CIBP and RIH to set @ 6885', and POOH. L/D setting tool.
12:00 PM	01:00 PM	P	Plug # 1 (50' Above Perfs) P/U Dump Bail and RIH to spot 2 sxs 2.3 cuft 0.40 slurry 15.8 ppg 0.23 bbls mix, 7.0 ph and 0.0 chloride levels, class "G" CMT, EST TOC. @ 6859'. POOH L/D dump bail tool.
01:00 PM	02:00 PM	P	Pumped and loaded well with 74 BBLS. Of fresh water, pressure test well to 610 PSI. held 15 min. test good.
02:00 PM	02:30 PM	P	R/U Wire Line. P/U 4 1/2" CIBP and RIH to set @ 4141', and POOH. L/D setting tool.
02:30 PM	03:30 PM	P	Plug # 2 (200' Above Sussex Top) P/U Dump Bail and RIH to spot 2 sxs 2.3 cuft 0.40 slurry 15.8 ppg 0.23 bbls mix, 7.0 ph and 0.0 chloride levels, class "G" CMT, EST TOC. @ 4115'. POOH L/D dump bail tool.
03:00 PM	03:30 PM	P	R/D Wire Line, and 5k Flange, Pressure test well to 550 PSI. held 15 min. test good.
03:30 PM	04:00 PM	P	TIH Bull plug and 4 stands to displace water out of well, TOOH and SB. 4 Stands.
04:00 PM	04:30 PM	P	Drain and Winterize equipment.
04:30 PM	05:00 PM	P	SIW, clean and secure location. SDFD.
05:00 PM	06:00 PM	P	Crew travel to A plus Yard.

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

## Comments

Job	Comment
Plug # 1	(50' Above Perfs) P/U Dump Bail and RIH to spot 2 sxs 2.3 cuft 0.40 slurry 15.8 ppg 0.23 bbls mix, 7.0 ph and 0.0 chloride levels, class "G" CMT, EST TOC. @ 6859'. POOH L/D dump bail tool.
Plug # 2	(200' Above Sussex Top) P/U Dump Bail and RIH to spot 2 sxs 2.3 cuft 0.40 slurry 15.8 ppg 0.23 bbls mix, 7.0 ph and 0.0 chloride levels, class "G" CMT, EST TOC. @ 4115'. POOH L/D dump bail tool.

## Crew:

Title	Name	Hours	Vehicle
Supervisor:	Espino Paez, Juan	12.50	11 - Crew PU
Operator:	Garcia, Favian	12.50	35 - Crew PU
Derrick:	Morales, Guillermo	12.50	
Floor Hand:	Espino, Jose Pedro	12.50	
Floor Hand:	Meza, Juan	12.50	
Floor Hand:	Lozano, Alvaro	12.50	38 - Crew PU

## On Site Reps:

Name	Association	Notes
Erick Peterson	Co. Rep.	on location.

## Equipment:

Heater 750-021  
2 - G-PAD  
base beam 2009-1  
101 - Teal 35  
#675 lgr. - WASTE PITS  
Dalbo 500 bbl tank fresh N114  
512 MP Blue - MUD PITS



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Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Load supplies and equipment, travel from A plus yard to location.
06:30 AM	07:00 AM	P	HSM and JSA, perform Daily Check list. Check ground cables with ohm meter.
07:00 AM	07:30 AM	P	Check well head pressures, SICP 0-# SIBHP 0-#.
07:30 AM	08:00 AM	P	TIH w/ 81 jts. EOT @ 2500' pumped 3 bbls. of fresh water to establish circulation.
08:00 AM	09:00 AM	P	Plug # 3 (Courtesy Balance Plug) Mixed and pumped 40 sxs 46 cuft 8.19 slurry 15.8 ppg 1.15 yield 4.7 bbls mix, class "G" CMT 7.0 ph and 0.0 chloride levels. From 2500' to 2000' Est. TOC.
09:00 AM	10:00 AM	P	TOOH and SB. 12 stands, L/D 57 jts. on TBG trailer.
10:00 AM	10:30 AM	P	N/D stripping head, HSM JSA with W/L crew. R/U 5K flange.
10:30 AM	11:30 AM	P	R/U Cutters W/L, P/U 4 1/2" jet cutter, RIH to cut @ 780'. POOH L/D cutter tool, R/D W/L.
11:30 AM	12:00 PM	P	R/D Work floor and tubing equipment.
12:00 PM	12:30 PM	P	N/D BOP, N/U Well flange.
12:30 PM	01:00 PM	P	R/U pump unit to CSNG, establish circulation with 2 BBLS, pumped total of 50 BBLS to circulate well clean.
01:00 PM	02:00 PM	P	Plug # 4 (Surface Plug) Mixed and pumped 126 sxs 144.9 cuft 25.8 slurry 15.8 ppg 1.15 yield 15 bbls mix, class "G" CMT 7.0 ph and 0.0 chloride levels. From 780' to 643' Est. TOC Inside 4-1/2" casing and 780' to 329' Est TOC Inside 4-1/2"X8-5/8". 10.4 sxs inside 4-1/2" casing, 41.9 sxs Inside 4-1/2"X8-5/8", 73.7 sxs Inside 4-1/2"X9" Open hole.
02:00 PM	02:30 PM	P	Stopped plug half way due to cement PPG decreasing below 15.8. Pumped 10 bbls and SIW.
02:30 PM	03:00 PM	P	Inspected pump and found pebbles and dry cement ships inside 2" hose going to Jet. Tanks were clean and cement was mixed to sample weights. Samples weighted between 15.6 to 16.0 ppg.
03:00 PM	03:30 PM	P	SIW. Drain and winterize equipment.
03:30 PM	04:00 PM	P	Clean and secure location.
04:00 PM	05:00 PM	P	Crew travel from location to A plus Yard.

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

**Comments**

<b>Job</b>	<b>Comment</b>
Plug # 3	(Courtesy Balance Plug) Mixed and pumped 40 sxs 46 cuft 8.19 slurry 15.8 ppg 1.15 yield 4.7 bbls mix, class "G" CMT 7.0 ph and 0.0 chloride levels. From 2500' to 2000' Est. TOC.
Plug # 4	(Surface Plug) Mixed and pumped 126 sxs 144.9 cuft 25.8 slurry 15.8 ppg 1.15 yield 15 bbls mix, class "G" CMT 7.0 ph and 0.0 chloride levels. From 780' to 643' Est. TOC Inside 4-1/2" casing and 780' to 329' Est TOC Inside 4-1/2"X8-5/8". 10.4 sxs inside 4-1/2" casing, 41.9 sxs Inside 4-1/2"X8-5/8", 73.7 sxs Inside 4-1/2"X9" Open hole.

**Crew:**

<b>Title</b>	<b>Name</b>	<b>Hours</b>	<b>Vehicle</b>
Supervisor:	Espino Paez, Juan	11.50	11 - Crew PU
Operator:	Garcia, Favian	11.50	35 - Crew PU
Derrick:	Morales, Guillermo	11.50	
Floor Hand:	Jimenez, Jose	11.50	
Floor Hand:	Meza, Juan	11.50	
Floor Hand:	Lozano, Alvaro	11.50	38 - Crew PU

**On Site Reps:**

<b>Name</b>	<b>Association</b>	<b>Notes</b>
Erick Peterson	Co. Rep.	on location

**Equipment:**

Heater 750-021  
 2 - G-PAD  
 base beam 2009-1  
 101 - Teal 35  
 #675 lgr. - WASTE PITS  
 Dalbo 500 bbl tank fresh N114  
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06:00 AM	07:00 AM	P	Load supplies and equipment, travel from A plus yard to location.
07:00 AM	07:30 AM	P	HSM and JSA perform Daily Check list. check ground cables with ohm meter.
07:30 AM	08:00 AM	P	Check well head pressures, SICP 0-# SIBHP 0-#.
08:00 AM	08:30 AM	P	N/D well head flange, N/U BOP.
08:30 AM	09:00 AM	P	R/U work floor and 2 3/8 tubing equipment.
09:00 AM	09:30 AM	P	Loaded well with 1 bbls fresh water, and pressure test well to 500 PSI.
09:30 AM	10:00 AM	P	RIH with bull plug and 4 jts to displace water out of well, L/D 4jts.
10:00 AM	11:00 AM	P	Worked on pump centrifugal water intake, removed intake pipe and installed safety screen to prevent trash entering pump lines.
11:00 AM	12:00 PM	P	Worked on Rig tool and equipment inventory.
12:00 PM	01:00 PM	P	Crew performed noble energy safety orientation refreshment for 2020
01:00 PM	01:30 PM	P	SIW Drain and winterize equipment.
01:30 PM	02:00 PM	P	Clean and secure location.
02:00 PM	03:00 PM	P	Crew travel from location to A plus Yard

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

### Crew:

Title	Name	Hours	Vehicle
Supervisor:	Espino , Juan	9.00	11 - Crew PU
Operator:	Garcia, Favian	9.00	35 - Crew PU
Derrick:	Meza, Juan	9.00	
Floor Hand:	Espino, Jose Pedro	9.00	
Floor Hand:	Lozano, Alvaro	9.00	38 - Crew PU

### On Site Reps:

Name	Association	Notes
ERIC PETERSON	Co. Rep.	ON LOCATION

### Equipment:

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05:30 AM	06:30 AM	P	Load supplies and equipment, travel from A plus yard to location.
06:30 AM	07:00 AM	P	HSM and JSA, perform daily check list. Check ground cables with ohm meter.
07:00 AM	08:00 AM	P	Check well head pressures, SICP 0-# SIBHP 0-#. R/U bleed off line and check for ice plugs with air.
08:00 AM	09:00 AM	P	Waited on Cutters wire line truck.
09:00 AM	09:30 AM	P	HSM and JSA with W/L Crew, N/U 5k flange.
09:30 AM	10:30 AM	P	R/U cutters wire line. P/U and RIH with Gauge Ring tagged TOC. @ 451' Inside 4-1/2" csg. POOH and L/D 4 1/2" gauge.
10:30 AM	11:30 AM	P	P/U and RIH with 4-1/2" CBL. RIH down to 451', bond log 8-5/8" csg, TOC @ 330' POOH R/D CBL tool.
11:30 AM	12:30 PM	P	WAIT ON ORDERS.
12:30 PM	01:30 PM	P	P/U Perf. Gun and RIH shoot 3 holes @ 300' POOH L/D perf. gun. R/D Wire Line N/D 5k flange.
01:30 PM	02:00 PM	P	P/U and TIH w/ 14 jts. & 2-10' subs EOT @ 450'.
02:00 PM	02:30 PM	P	Pump down tbq. load and circulated well with 1 bbl out 4-1/2" csg. and established circulation with 2 bbls out 8-5/8" surface csg.
02:30 PM	03:30 PM	P	Plug # 5 (surface plug) Mixed and pumped 117 sxs 134.55 cuft. 23.96 slurry, 15.8 ppg, 1.15 yield, 14 bbls mix, class "G" CMT. 7.0 PH and 0.0 chloride levels, from 451' to 0' Est. TOC inside 4-1/2" csg, and from 300' to 0' Est TOC inside 8-5/8" surface casing. 35 sxs inside 4-1/2" csg. , 70 sxs inside 4-1/2" x 8-5/8" csg. .
03:30 PM	04:00 PM	P	TOOH and L/D 2-10' subs and 14 jts.
04:00 PM	04:30 PM	P	Washed BOP and equipment. R/D workflow and tubing equipment.
04:30 PM	05:00 PM	P	N/D BOP and N/U 5K flange on well head.
05:00 PM	06:00 PM	P	R/D Pulling and Pump Units.
06:00 PM	06:00 PM	P	SIW, drain and winterize equipment. Clean and secure location.
06:00 PM	07:00 PM	P	Crew travel from location to A plus yard.

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

### Comments

Job	Comment
Plug # 5	(surface plug) Mixed and pumped 117 sxs 134.55 cuft. 23.96 slurry, 15.8 ppg, 1.15 yield, 14 bbls mix, class "G" CMT. 7.0 PH and 0.0 chloride levels, from 451' to 0' Est. TOC inside 4-1/2" csg, and from 300' to 0' Est TOC inside 8-5/8" surface casing. 35 sxs inside 4-1/2" csg. , 70 sxs inside 4-1/2" x 8-5/8" csg. .