



Noble Energy, Inc.

1600 Broadway St.  
Denver, CO 80202P.O. Box 1979, Farmington, NM 87499  
(505) 325-2627

Name: HAMBERT RG 32-06

API:05-123-13446

Rig #12

## Well Plugging Report

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### Work Detail

Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Load supplies and equipment. Travel to location.
06:30 AM	07:30 AM	P	HSM, JSA, Start and warm up equipment.
07:30 AM	08:30 AM	P	Rig up service unit.
08:30 AM	09:30 AM	P	RU pump truck, RU all hard line.
09:30 AM	10:00 AM	P	Check pressures on well SICP 600#, SITP 600#, SIBHP 0#, Check and test ground cables with OMH meter.
10:00 AM	11:00 AM	P	Pressure test BOP.
11:00 AM	12:00 PM	P	Kill well and roll hole w/ 145 bbls fresh water.
12:00 PM	01:30 PM	P	ND well head, NU BOP, RU work floor and tubing equipment.
01:30 PM	02:30 PM	P	Pressure test hanger, test fail, swapped out hanger and pressure test again, test fail.
02:30 PM	05:30 PM	P	P.O.O.H w/ 37 stands of 2 3/8" tbg, and laid down 154 joints of 2 3/8" tbg on float.
05:30 PM	06:00 PM	P	Drain and winterize equipment.
06:00 PM	06:30 PM	P	Secure well and rig, clean location.
06:30 PM	07:00 PM	P	Crew travel

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

### Crew:

Title	Name	Hours	Vehicle
Supervisor:	Graciano, Jose	13.50	20 - Crew PU
Operator:	Munoz-Salas, Aron	13.50	28 - Crew PU
Derrick:	Barraza, Luis	13.50	
Floor Hand:	Jaquez, Luis	13.50	
Floor Hand:	Kahn, Chad	13.50	

### On Site Reps:

Name	Association	Notes
Pete Burns	Co. Rep.	on location.

### Equipment:

Tubing float #117  
 #675 lgr. - WASTE PITS  
 base beam V 097  
 G- PAD 12  
 Pusher Trailer # P-182

Worked on Wednesday, 10/21/2020

Hard Line Trailer # P-116  
Doghouse # DH-E  
dalbo 500 bbl tank N 318  
#506 Gas Buster  
pump truck # 365



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### Work Detail

Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Load supplies and equipment. Travel to location.
06:30 AM	07:30 AM	P	HSM, JSA, Start and warm up equipment.
07:30 AM	08:00 AM	P	Check pressures on well head, SICP 0#, SITP 0#, SIBHP 0#, Check and test ground cables with OMH meter.
08:00 AM	09:30 AM	P	HSM, JSA, Spot in and RU A-PLUS wire line, RIH w/ gauge ring to 7000', P.O.O.H, LD tool, PU and RIH w/ 4 1/2" CIBP and set @ 6996', P.O.O.H, LD setting tool, RD wire line.
09:30 AM	11:00 AM	P	Load hole w/ 77 bbls fresh water and pressure test plug to 500 psi for 15 minutes, good test.
11:00 AM	12:00 PM	P	HSM, JSA, Spot and RU ( SPN) wire line, RIH w/ logging tool, run RBL from 5000' to surface, P.O.O.H, LD tool, RD wire line.
12:00 PM	02:30 PM	P	HSM, JSA, RU A-PLUS wire line, RIH, dump bail 2 sxs class G cement, 15.8 ppg, 1.15 yield, 2.3 cu/ft, 0.4 bbl slurry, 7.8 PH, From 6996' - 6970' ETOC, RIH w/ 4 1/2" CIBP and set @ 4289', dump bail 2 sxs class G cement, 15.8 ppg, 1.15 yield, 2.3 cu/ft, 0.4 bbl slurry, 7.8 PH, From 4289' - 4263' ETOC, RIH w/ perf gun and shoot holes @ 2500', P.O.O.H, LD tool.
02:30 PM	03:00 PM	P	Stablish injection rate w/ 4 bbls fresh water @ 1100 psi, 1 bbl per/min.
03:00 PM	04:30 PM	P	RIH w/ perf gun and shoot holes @ 2000', P.O.O.H, LD tool, RIH w/ 4 1/2" CIBP and set @ 2400', P.O.O.H, RD wire line.
04:30 PM	05:00 PM	P	Drain and winterize equipment.
05:00 PM	05:30 PM	P	Secure well and rig, clean location.
05:30 PM	06:00 PM	P	Crew travel.

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

### Comments

Job	Comment
Plug # 1.	RIH w/ 4 1/2" CIBP and set @ 6996', dump bail 2 sxs class G cement, 15.8 ppg, 1.15 yield, 2.3 cu/ft, 0.4 bbl slurry, 7.8 PH, From 6996' - 6970' ETOC.
Plug # 2.	RIH w/ 4 1/2" CIBP and set @ 4289', dump bail 2 sxs class G cement, 15.8 ppg, 1.15 yield, 2.3 cu/ft, 0.4 bbl slurry, 7.8 PH, From 4289' - 4263' ETOC .

### Crew:

Title	Name	Hours	Vehicle
Supervisor:	Graciano, Jose	12.50	20 - Crew PU
Operator:	Munoz-Salas, Aron	12.50	28 - Crew PU
Derrick:	Barraza, Luis	12.50	
Floor Hand:	Fernandez, Edward	12.50	

Worked on Thursday, 10/22/2020

Floor Hand:	Jaquez, Luis	12.50
Floor Hand:	Kahn, Chad	12.50

### On Site Reps:

Name	Association	Notes
Pete Burns	Co. Rep.	on location.

### Equipment:

Tubing float #117  
#675 lgr. - WASTE PITS  
base beam V 097  
G- PAD 12  
Pusher Trailer # P-182  
Hard Line Trailer # P-116  
Doghouse # DH-E  
dalbo 500 bbl tank N 318  
#506 Gas Buster  
pump truck # 365



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### Work Detail

Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Load supplies and equipment. Travel to location.
06:30 AM	07:30 AM	P	HSM, JSA, Start and warm up equipment.
07:30 AM	08:00 AM	P	Check pressures on well head, SICP 0#, SITP 0#, SIBHP 0#, Check and test ground cables with OMH meter.
08:00 AM	11:00 AM	P	HSM, JSA, Spot in and RU anytime testing, RIH, and hydrotest 38 stands of 2 3/8" tbg, RD hydrotest truck.
11:00 AM	12:30 PM	P	Sting into CR, establish circulation, pumped 10 bbls chem wash, Plug # 3. Mixed and pumped 190 sxs class G cement with a mix factor of 5, (145 sxs inside 9" x 4 1/2"), ( 10 sxs below CR inside 4 1/2"), ( 35 sxs above CR inside 4 1/2" ), 22.61 bbls mixed, 38.91 bbls slurry, 7.3 total displacement, ( 2.12 bbls displaced before sting out), ( 5.21 displaced after sting out), 15.8 ppg, 1.15 yield, 218.5 cu/ft, 7.8 PH, From 2400' - 1895' ETOC.
12:30 PM	02:30 PM	P	Laid down 13 jts, reverse circulated w/ 23 bbls fresh water, Laid down 39 more jts on float and stood back 12 stands of 2 3/8" tbg on derrick.
02:30 PM	03:00 PM	P	Drain and winterize equipment.
03:00 PM	03:30 PM	P	Secure well and rig, clean location, shut down for weekend.
03:30 PM	04:00 PM	P	Crew travel.

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

### Comments

Job	Comment
Plug #3.	Mixed and pumped 190 sxs class G cement with a mix factor of 5, (145 sxs inside 9" x 4 1/2"), ( 10 sxs below CR inside 4 1/2"), ( 35 sxs above CR inside 4 1/2" ), 22.61 bbls mixed, 38.91 bbls slurry, 7.3 total displacement, ( 2.12 bbls displaced before sting out), ( 5.21 displaced after sting out), 15.8 ppg, 1.15 yield, 218.5 cu/ft, 7.8 PH, From 2400' - 1895' ETOC.

### Crew:

Title	Name	Hours	Vehicle
Supervisor:	Graciano, Jose	10.50	20 - Crew PU
Operator:	Munoz-Salas, Aron	10.50	28 - Crew PU
Derrick:	Barraza, Luis	10.50	
Floor Hand:	Fernandez, Edward	10.50	
Floor Hand:	Jaquez, Luis	10.50	
Floor Hand:	Kahn, Chad	10.50	

Worked on Friday, 10/23/2020

### On Site Reps:

Name	Association	Notes
Pete Burns	Co. Rep.	on location.

### Equipment:

Tubing float #117  
#675 lgr. - WASTE PITS  
base beam V 097  
G- PAD 12  
Pusher Trailer # P-182  
Hard Line Trailer # P-116  
Doghouse # DH-E  
dalbo 500 bbl tank N 318  
#506 Gas Buster  
pump truck # 365



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Rig #12

## Well Plugging Report

### Work Detail

Start	Stop	PUX	Activity
07:00 AM	08:00 AM	P	Load supplies and equipment. Travel to location.
08:00 AM	09:00 AM	P	HSM, JSA, Start and warm up equipment.
09:00 AM	09:30 AM	P	Check pressures on well head, SICP 0#, SITP 0#, SIBHP 0#, Check and test ground cables with OMH meter.
09:30 AM	01:30 PM	U	Jump start rig, jump start pump truck, defrost valves on water tank, replace batteries on pump truck.
01:30 PM	02:30 PM	P	HSM, JSA, RU A-PLUS wire line, RIH w/ 4 1/2" jet cutter and cut casing @ 787', P.O.O.H and RD wire line.
02:30 PM	03:30 PM	P	Stablish circulation, w/ 3 bbls fresh water, circulate and condition hole w/ 90 bbls fresh water.
03:30 PM	04:30 PM	P	RD work floor and tbg equipment, ND BOP, ND well head.
04:30 PM	05:00 PM	P	Drain and winterize equipment.
05:00 PM	05:30 PM	P	Secure well and rig, clean location.
05:30 PM	06:00 PM	P	Crew travel.

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

### Crew:

Title	Name	Hours	Vehicle
Supervisor:	Graciano, Jose	11.00	20 - Crew PU
Operator:	Munoz-Salas, Aron	11.00	28 - Crew PU
Derrick:	Barraza, Luis	11.00	
Floor Hand:	Fernandez, Edward	11.00	
Floor Hand:	Jaquez, Luis	11.00	

### On Site Reps:

Name	Association	Notes
Pete Burns	Co. Rep.	on location.

### Equipment:

Tubing float #117  
#675 lgr. - WASTE PITS  
base beam V 097  
G- PAD 12  
Pusher Trailer # P-182  
Hard Line Trailer # P-116  
Doghouse # DH-E

Worked on Tuesday, 10/27/2020

dalbo 500 bbl tank N 318  
#506 Gas Buster  
pump truck # 365





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05:30 AM	06:30 AM	P	Load supplies and equipment. Travel to location.
06:30 AM	07:30 AM	P	HSM, JSA, Start and warm up equipment.
07:30 AM	08:00 AM	P	Check pressures on well head, SICP 0#, SITP 0#, SIBHP 0#, Check and test ground cables with OMH meter.
08:00 AM	08:30 AM	P	HSM, JSA, PU Spear from ( RMOR ) Spear 4 1/2" casing and unland casing, LD spear,
08:30 AM	10:00 AM	P	NU well head, NU BOP, RU work floor and casing equipment.
10:00 AM	11:30 AM	P	LD 24 full joints of 4 1/2" casing and 1 partial piece, RD casing equipment, RU tubing equipment.
11:30 AM	12:00 PM	P	Load hole w/ 10 bbls fresh water and check for bubbles and gas migration.
12:00 PM	01:00 PM	P	RIH w/ 12 stands of 2 3/8" tbg and picked up 1 joint of 2 3/8" tbg to get to 787', swapped out floats prior to pumping.
01:00 PM	03:00 PM	P	Stablish circulation, pumped 10 bbls chem wash, Plug # 4. Mixed and pumped 225 sxs class G cement, w/2% CC, 2 bags of Pol-E-Flake, 3 bags of fiber, ( LCM PLUG ) 35 sxs inside 8 5/8", 190 sxs inside 9" OH, 26.78 bbls mixed, 46.08 slurry, 1 bbl displaced, 258.75 cu/ft, 15.8 ppg, 1.15 yield, 7.8 PH, From 787' - 203' ETOC, P.O.O.H, LD 25 JTS of 2 3/8" tbg on float.
03:00 PM	03:30 PM	P	Drain and winterize equipment.
03:30 PM	04:00 PM	P	Secure well and rig, clean location.
04:00 PM	04:30 PM	P	Crew travel.

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### Comments

Job	Comment
Plug # 4.	Mixed and pumped 225 sxs class G cement, w/2% CC, 2 bags of Pol-E-Flake, 3 bags of fiber, ( LCM PLUG ) 35 sxs inside 8 5/8", 190 sxs inside 9" OH, 26.78 bbls mixed, 46.08 slurry, 1 bbl displaced, 258.75 cu/ft, 15.8 ppg, 1.15 yield, 7.8 PH, From 787' - 203' ETOC.

### Crew:

Title	Name	Hours	Vehicle
Supervisor:	Graciano, Jose	11.00	20 - Crew PU
Operator:	Munoz-Salas, Aron	11.00	28 - Crew PU
Derrick:	Barraza, Luis	11.00	
Floor Hand:	Fernandez, Edward	11.00	

Worked on Wednesday, 10/28/2020

Floor Hand:                      Jaquez, Luis                      11.00

**On Site Reps:**

<b>Name</b>	<b>Association</b>	<b>Notes</b>
Pete Burns	Co. Rep.	on location.

**Equipment:**

Tubing float #117  
#675 lgr. - WASTE PITS  
base beam V 097  
G- PAD 12  
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### Work Detail

Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Load supplies and equipment. Travel to location.
06:30 AM	07:30 AM	P	HSM, JSA, Start and warm up equipment.
07:30 AM	08:00 AM	P	Check pressures on well head, SICP 0#, SITP 0#, SIBHP 0#, Check and test ground cables with OMH meter.
08:00 AM	08:30 AM	P	Load hole w/ 5 bbls fresh water, check for flow or gas migration.
08:30 AM	09:30 AM	P	RIH w/ 12 jts 2 3/8" tbg and tagged at 362', Stablish circulation, pumped 10 bbls chem wash, Plug # 5. Mixed and pumped 60 sxs class G w/ 3% CC, 1 bag of pol-E -FLAKE, 1 bag of fiber, 25 sxs inside 9" OH, 35 sxs inside 8 5/8", 7.14 bbls mixed, 12.28 bbls slurry, 1 bbl displaced, 69 cu/ft, 15.8 ppg, 1.15 yield, 7.8 PH, From 632' - 203' ETOC, P.O.O.H, LD tubing on float.
09:30 AM	11:30 AM	P	W.O.C.
11:30 AM	12:00 PM	P	RIH w/ 9 jts of 2 3/8" tbg and tag @ 269', LD 1 jt and pick up 2 10ft subs of 2 3/8" tbg.
12:00 PM	01:00 PM	P	Stablish circulation, pumped 10 bbls che wash, Plug # 6. Mixed and pumped 105 sxs class G cement, 12.5 bbls mixed, 21.5 bbls slurry, 120.7 cu/ft, 15.8 ppg, 1.15 yield, 7.8 PH, From 269' - surface, LD tubing and topped off w/ cement.
01:00 PM	02:00 PM	P	RD service unit.
02:00 PM	03:30 PM	P	Rack out pump, tanks and hard line, clean out tanks and get equipment road ready.
03:30 PM	04:00 PM	P	Drain and winterize equipment.
04:00 PM	04:30 PM	P	Secure rig and equipment, clean location.
04:30 PM	05:00 PM	P	Crew travel.

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

### Comments

Job	Comment
Plug # 5.	Mixed and pumped 60 sxs class G w/ 3% CC, 1 bag of pol-E -FLAKE, 1 bag of fiber, 25 sxs inside 9" OH, 35 sxs inside 8 5/8", 7.14 bbls mixed, 12.28 bbls slurry, 1 bbl displaced, 69 cu/ft, 15.8 ppg, 1.15 yield, 7.8 PH, From 632' - 203' ETOC.
Plug # 6.	Mixed and pumped 105 sxs class G cement, 12.5 bbls mixed, 21.5 bbls slurry, 120.7 cu/ft, 15.8 ppg, 1.15 yield, 7.8 PH, From 269' - surface.

### Crew:

Title	Name	Hours	Vehicle
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Worked on Thursday, 10/29/2020

Supervisor:	Graciano, Jose	11.50	20 - Crew PU
Operator:	Munoz-Salas, Aron	11.50	28 - Crew PU
Derrick:	Barraza, Luis	11.50	
Floor Hand:	Fernandez, Edward	11.50	
Floor Hand:	Jaquez, Luis	11.50	

### On Site Reps:

Name	Association	Notes
Pete Burns	Co. Rep.	on location.

### Equipment:

Tubing float #117  
#675 lgr. - WASTE PITS  
base beam V 097  
G- PAD 12  
Pusher Trailer # P-182  
Hard Line Trailer # P-116  
Doghouse # DH-E  
dalbo 500 bbl tank N 318  
#506 Gas Buster  
pump truck # 365

Company Noble  
API # 05-173-13446

Tracking # 4018  
Sec 32 T 4 R 65

Wireline Daily Work Sheet

Date 10-22-20 Well Name Hambert RG 3206 Rig # 12 Supervisor Jose Gacino

Time Requested on Loc. 7:30 WL Unit # 420 Pick-up # 068 Mileage 30

Arrived at Loc. 6:30 Run #1 Ready 8:00 Waiting on Rig 0 Safety Meeting Held YES

Notes: RBL Run By SPN ~~05:00~~ They arrived at 10 am  
Pressure test Then Ran RBL started 11:15 am

Run #1 Gage Rinc @ 7100' Time Start 8:00 Time Done 9:00

Description ^ 3.63 Depth ^

Run #2 CIBP @ 6946' Time Start 9:00 Time Done 10:00

Run #3 Dump Bail @ 6946' Time Start 12:00 Time Done 13:00

Run #4 CIBP @ 4289' Time Start 13:00 Time Done 13:30

Run #5 Dump Bail @ 4289' Time Start 13:30 Time Done 14:00

Run #6 PERF @ 2500' Time Start 14:00 Time Done 14:30

Run #7 PERF @ 2000' Time Start 14:30 Time Done 15:00

Run #8 RICR @ 2400" Time Start 15:00 Time Done 15:30

Total WL Time 8 hrs. Total Rig Time 2 hrs. WOO Time N/A hrs. WOC Time N/A hrs.

Mileage Charge: Miles 30 x \$ 1.00 Per.Mile=\$ 30 Service Charge \$ 0

Mileage Charge: Miles 0 x \$ 0 Per.Mile=\$ 0 Operator on Loc \$ 0

Depth Charges \$ 0 Plugs or Cement Retainers \$ 0 Dump Bailer Charge \$ 0

Perforating Charges \$ 0 Cutter Charges \$ 0 CBL \$ 0

Other Services - 0 Charges \$ 0

Operator 0 Sub-Total \$ 0 Tax \$ 0 Total \$ 0

Company WHL  
API # 6-123-13446

Tracking # 5471  
Sec 32 T 4N R 6W

Wireline Daily Work Sheet

Date 10/17/10 Well Name Hambert RC 32-6 Rig # 12 Supervisor Joe Grunwald

Time Requested on Loc. \_\_\_\_\_ WL Unit # 4250 Pick-up # 94 Mileage 36

Arrived at Loc. 630 Run #1 Ready \_\_\_\_\_ Waiting on Rig \_\_\_\_\_ Safety Meeting Held 955

Notes: \_\_\_\_\_

Run #1 Cutter @ 767 Time Start 230 Time Done 250

Description ^ Depth ^

Run #2 \_\_\_\_\_ @ \_\_\_\_\_ Time Start \_\_\_\_\_ Time Done \_\_\_\_\_

Run #3 \_\_\_\_\_ @ \_\_\_\_\_ Time Start \_\_\_\_\_ Time Done \_\_\_\_\_

Run #4 \_\_\_\_\_ @ \_\_\_\_\_ Time Start \_\_\_\_\_ Time Done \_\_\_\_\_

Run #5 \_\_\_\_\_ @ \_\_\_\_\_ Time Start \_\_\_\_\_ Time Done \_\_\_\_\_

Run #6 \_\_\_\_\_ @ \_\_\_\_\_ Time Start \_\_\_\_\_ Time Done \_\_\_\_\_

Total WL Time \_\_\_\_\_ hrs. Total Rig Time \_\_\_\_\_ hrs. WOO Time \_\_\_\_\_ hrs. WOC Time \_\_\_\_\_ hrs.

Mileage Charge: Miles \_\_\_\_\_ x\$ \_\_\_\_\_ Per.Mile=\$ \_\_\_\_\_ Service Charge \$ \_\_\_\_\_

Mileage Charge: Miles \_\_\_\_\_ x\$ \_\_\_\_\_ Per.Mile=\$ \_\_\_\_\_ Operator on Loc \$ \_\_\_\_\_

Depth Charges \$ \_\_\_\_\_ Plugs or Cement Retainers \$ \_\_\_\_\_ Dump Bailer Charge \$ \_\_\_\_\_

Perforating Charges \$ \_\_\_\_\_ Cutter Charges \$ \_\_\_\_\_ CBL \$ \_\_\_\_\_

Other Services anchors / shock sub Charges \$ \_\_\_\_\_

Operator [Signature] Sub-Total \$ \_\_\_\_\_ Tax \$ \_\_\_\_\_ Total \$ \_\_\_\_\_