



Noble Energy, Inc.

1600 Broadway St.

Denver, CO 80202

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

Name: Dechant D30-24D

API:05-123-34265,

Rig #14

## Well Plugging Report

### Work Detail

Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Management meeting at A Plus yard. Load supplies and equipment. Travel to location.
06:30 AM	07:00 AM	P	HSM and JSA. Service and start equipment.
07:00 AM	07:30 AM	P	Check wellhead pressure. SIBHP 0#. Check and test ground cables with ohm meter.
07:30 AM	08:30 AM	P	Rig up pump to BH. Pump and load with 2 bbls. Monitor for bubbles and gas migration. No bubbles.
08:30 AM	09:00 AM	P	Pick up tag sub, trip in the hole 13 stands. Tag TOC @ 854'.
09:00 AM	10:00 AM	P	Plug 4 - (surface) Pump 10 bbls Mud Flush followed by 269 total sxs (12 sxs inside 9" OH, 257 sxs inside 8-5/8"), 15.8 ppg, 1.15 yield = 309.35 cuft (55 bbls slurry). Class G cement with a mix factor of 5, PH level 7.0, chloride level 0. 32 bbls mix. From 854' to surface.
10:00 AM	10:30 AM	P	Trip out of the hole, lay down 26 joints. 194 total 2-3/8" joints on float.
10:30 AM	11:00 AM	P	Rig down tubing equipment and work floor.
11:00 AM	11:30 AM	P	ND BOP, NU casing cap. SIW.
11:30 AM	12:30 PM	P	Rig down pulling and pumping units. Rig down hard line.
12:30 PM	01:00 PM	P	Wash and clean out mud from gas buster #507.
01:00 PM	01:30 PM	P	Clean and secure location. SDFD.
01:30 PM	02:30 PM	P	Travel from location to Greeley, CO.

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

### Comments

Job	Comment
Plug 4	(surface) Pump 10 bbls Mud Flush followed by 269 total sxs (12 sxs inside 9" OH, 257 sxs inside 8-5/8"), 15.8 ppg, 1.15 yield = 309.35 cuft (55 bbls slurry). Class G cement with a mix factor of 5, PH level 7.0, chloride level 0. 32 bbls mix. From 854' to surface.

### Crew:

Title	Name	Hours	Vehicle
Supervisor:	Pineda, Leonel	9.00	85 - Crew PU
Operator:	Morales, Guillermo	9.00	18 - Crew PU
Derrick:	Archuleta, Philip	9.00	48 - Crew PU
Floor Hand:	Dominguez, Samuel	8.50	
Floor Hand:	Gonzalez, Martin	8.50	
Floor Hand:	Kahn, Chad	8.50	

**On Site Reps:**

<b>Name</b>	<b>Association</b>	<b>Notes</b>
Mark Abbott	Co. Rep.	on location

**Equipment:**

Base Beam #1  
9 - G-PAD  
large pit 507  
#625 lgr. - WASTE PITS  
dalbo 500 bbl tank N 318  
tubing float #101



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### Work Detail

Start	Stop	PUX	Activity
06:00 AM	06:30 AM	P	Travel to location from Greeley, CO.
06:30 AM	07:00 AM	P	HSM and JSA. Service and start equipment.
07:00 AM	07:30 AM	P	Check wellhead pressure. SICP 0#, SIBHP 0#. Check and test ground cables with ohm meter.
07:30 AM	09:00 AM	P	Trip out of the hole 1 4-1/2" joint with STS hydraulic jacks. Rig down hydraulic jack.
09:00 AM	09:30 AM	P	Rig up casing equipment.
09:30 AM	10:00 AM	P	Trip out of the hole, lay down 24 4-1/2" joints of casing on float.
10:00 AM	10:30 AM	P	Rig down casing equipment. Prep for 2-3/8" tubing.
10:30 AM	11:00 AM	P	Trip in the hole 16 stands. EOT @ 1000'.
11:00 AM	12:00 PM	P	Plug 3 - (Base plug) Pump 10 bbls Mud Flush followed by 55 sxs inside 9" OH. 14.8 ppg, 1.24 yield = 68.2 cuft (12.1 bbls slurry). Schlumberger cement with a mix factor of 4.77, PH level 7.0, chloride level 0. 6.1 bbls mix, 3.3 bbls displacement from 1000' to 850' TOC.
12:00 PM	12:30 PM	P	Rig up pump to BH. Pump and reverse circulate plug 3 from well due to ppg.
12:30 PM	02:30 PM	P	Wait on SPN cement package.
02:30 PM	03:00 PM	P	Rig up SPN cement package.
03:00 PM	04:00 PM	P	Plug 3 - (Base plug) Pump 10 bbls Mud Flush followed by 55 sxs inside 9" OH. 15.8 ppg, 1.24 yield = 68.2 cuft (12.1 bbls slurry). Schlumberger cement with a mix factor of 4.77, PH level 7.0, chloride level 0. 6.1 bbls mix, 3.3 bbls displacement from 1000' to 850' TOC.
04:00 PM	04:30 PM	P	Trip out of the hole, lay down 6 joints. Rig up pump to BH, pump and circulate 15 bbls for clean returns.
04:30 PM	05:00 PM	P	Trip out of the hole 9 stands, lay down 8 joints. SIW. Clean and secure location. SDFD.
05:00 PM	06:00 PM	P	Travel from location to Greeley, CO.

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

### Comments

Job	Comment
Plug 3	(Base plug) Pump 10 bbls Mud Flush followed by 55 sxs inside 9" OH. 15.8 ppg, 1.24 yield = 68.2 cuft (12.1 bbls slurry). Schlumberger cement with a mix factor of 4.77, PH level 7.0, chloride level 0. 6.1 bbls mix, 3.3 bbls displacement from 1000' to 850' TOC.

### Crew:

Title	Name	Hours	Vehicle
Supervisor:	Pineda, Leonel	12.00	85 - Crew PU
Operator:	Morales, Guillermo	12.00	18 - Crew PU
Derrick:	Archuleta, Philip	12.00	48 - Crew PU
Floor Hand:	Dominguez, Samuel	12.00	
Floor Hand:	Gonzalez, Martin	12.00	
Floor Hand:	Kahn, Chad	12.00	

### On Site Reps:

Name	Association	Notes
Mark Abbott	Co. Rep.	on location

### Equipment:

Base Beam #1  
 9 - G-PAD  
 large pit 507  
 #625 lgr. - WASTE PITS  
 dalbo 500 bbl tank N 318  
 tubing float #101





# Well Services

E-LINE

## Field Ticket

P.O. BOX 201934  
DALLAS, TX. 75320-1934  
24 Hour Phone (970) 353-5118

N96000032175

J00584689

Date

July 28, 2020

Company Name

Noble Energy

Address

2115 117th Ave

City/State/Zip Code

Greeley, CO 80631

County/Parish

Weld

WATTENBERG

Field Engineer / Supervisor Signature

Adam Steerman

markabbott

Well Name and Number

DECHANT D30-24

Well API#

05-123-34285

Latitude

40.189972

Longitude

-104.595287

District

Greeley CO 0928-120

Wireline Unit Number

WL 7770

Rig Name & Number or Grease Unit Number

APLUS Rig

Equipment Operator

Field Ticket Number

7770-1579

Engineer

Adam Steerman

Supervisor/Engineer

Equipment Operator

Peter Gullickson

Equipment Operator

RUN DATA				NSSI		S/O		T/L		UNITS	CODE	DATE	DEPTHS AND DESCRIPTION	
Job Time:	7:00	Shop Time:	6:00										Service Charge Cased Hole Unit	
Leave Shop:	8:15	Arrive Location:	8:00										Packoff Operation Charge 08-10008	
Begin Rig Up:	6:50	Finish Rig Up:	7:05											
1 Time In	7:15	Time Out	7:40										1010-022	Cement Bond Log Depth Charge
From	1700'	To	Surface										1020-022	Cement Bond Log Logging Charge
Service In	CBL												1010-008	Simultaneous CCL Log Depth Charge
													1020-008	Simultaneous CCL Log Logging Charge
2 Time In		Time Out											1010-006	Simultaneous Gamma Ray Log Depth Charge
From		To											1020-006	Simultaneous Gamma Ray Log Logging Charge
Service														
3 Time In		Time Out												
From		To												
Service														
4 Time In		Time Out												
From		To												
Service														
5 Time In		Time Out												
From		To												
Service														
6 Time In		Time Out												
From		To												
Service														
7 Time In		Time Out												
From		To												
Service														
8 Time In		Time Out												
From		To												
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9 Time In		Time Out												
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10 Time In		Time Out												
From		To												
Service														
11 Time In		Time Out												
From		To												
Service														
12 Time In		Time Out												
From		To												
Service														
13 Time In		Time Out												
From		To												
Service														
14 Time In		Time Out												
From		To												
Service														
Begin Rig Down:	7:40	Finish Rig Down:	7:50											
Leave Location:	7:50	Arrive Shop:	8:30											
Operating Hrs:	0:50	Standby Hours:	0:00											
Total Field Hrs:	2:05	Travel Time Hrs:	1:15											
Total Trip Miles:	38	Lost Time Hrs:	0:00											
Line Size:	6132	Line Length:	25,600											
Wellhead Valve:	0	Rig Valve:	0											
WELL DATA														
Casing Size:	4 1/2	Liner Size:												
Tubing Size:		Drill pipe Size:												
Drill Collar Size:		Minimum ID:												
Fluid Level:	FULL	Deviation:												
Max. Temp:		Max. Pressure:												
Field Entry:		Final Entry:												
Comments:														

**noble energy**

DECHANT D30-24D

Project / Lease Name  
425790751

AFE / RC Number  
247036

Task & E-type  
Account

Mark Abbott

Oracle 1st Approver  
markabbott

Approved By  
08/13/2020

Date

All Invoices Payable In Box 201934 Dallas, Dallas CO., TX 75320-1934.

TERMS: NET 30 DAYS.

Concerning Irretrievable loss of sealed sources, both SPN Well Services E-Line and customer agree to abide by 25 TAC § 289.253 and NRC Part 39.77.

The Services (as defined in the Terms) related to this Field Invoice Ticket shall be governed exclusively by the SPN Well Services Customer Agreement General Terms and Conditions (the "Terms"), which are expressly incorporated herein by reference. The Terms are available upon request and at Superior's website (<http://www.superiorenergy.com>). Acceptance of the Terms shall be by the earlier of the date of signing above or by acknowledgment as described in Section 1 of the Terms, including without limitation by beginning performance.

Customer Signature

Customer Printed Name

scanned





# Well Services

E-LINE

Company	Noble Energy	Well Name and No.	DECHANT D30-24	Engineer	Adam Steerman
County	Weld	Date	7/28/2020-Ticket No.	7770-1579	Unit No. WL 7770
District	Greeley CO 0928-120	Line Size	932	Line Length	25600
Job Time:	7:00 AM	Shop Time:	8:00 AM	Leave Shop:	6:15 AM
Field Hrs.	0:50:00	Standby Hours:	0:00:00	Total Hours	2:05:00
Trip Miles	38	Leave Location:	7:50 AM	Arrive Shop:	8:30 AM
				Arrive Location:	6:50 AM
				Travel Time Hrs.	1:15:00

**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 0 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 7:15 AM Out 7:40 AM  
From 1700' To Surface  
Service CBL

RIH with Logging Tools, Logged from 1700' to Surface

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 12:00 AM Out 12:00 AM  
From 0 To 0  
Service 0

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

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

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

8 Time in \_\_\_\_\_ Out \_\_\_\_\_  
From 0 To 0  
Service 0



**J00584689**  
**Well Services**

N96000032409  
 NO. 64940  
 64940

Date 7-27-20  
 Customer Noble State CO  
 Well / Lease Reheat P30-24D County Weld  
 Company Rep. Mark Abbott Time 1:48 To 3:50 Area  Rig No. A Plus Rig 14  
START FINISH

**DESCRIPTION**

Arrive to location, Hazard Hunt before get + rig up, JSA on rig up then rig up  
 H2O P.H. 6.5, chloride less 2  
 JSA on pump schedule  
 150psi Test lines + 400psi test popoff  
 Break Circulation H2O  
 Mix + pump 55 sks SHB cont, verify by scales  
 Displace H2O to Balance

**TOOL BOX SAFETY MEETING**

**ATTENDEES OTHER THAN LISTED BELOW**

**TOPIC**

**CHARGE RECORD**

Rig Time _____ Hrs. @ _____ Per Hr. .... \$ _____	Fishing Tools x _____ \$ _____
Crew Travel x _____ \$ _____	Light Plant x _____ \$ _____
Mud Pump x Tank _____ \$ _____	Swab Cups _____ # @ \$ _____ \$ _____
Base Beam _____ \$ _____	Swab Cups _____ # @ \$ _____ \$ _____
Power Swivel x _____ \$ _____	Oil Svr. Rbr. _____ # @ \$ _____ \$ _____
Washington Head _____ \$ _____	TBG Wiper Rubber _____ # @ \$ _____ \$ _____
Blow-out Preventer x _____ \$ _____	Rod Wiper Rubber _____ # @ \$ _____ \$ _____
Flanges x _____ \$ _____	Sub Pay (# _____ ) @ \$ _____ \$ _____
Tool Pusher _____ \$ _____	4th Hand <u>Pump + Bsk</u> _____ \$ _____
Mud Tank x _____ \$ _____	5th Hand <u>SHB cont @ 69sk 55 sks</u> _____ \$ _____
Power Rod Tongs x _____ \$ _____	Other <u>Log @ 1.50/LB - 10% 50180</u> _____ \$ _____
Fuel _____ Gals. @ _____ Per Gal. .... \$ _____	Other _____ \$ _____
Pipe Dope @ \$ _____ Per Trip ..... \$ _____	Other _____ \$ _____
Washington/Stripper Rubber _____ # @ \$ _____ \$ _____	Sales Tax x _____ % _____ \$ _____

Total Charges .....

**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

**OPERATOR**

**DERRICKMAN**

**FLOOR HAND**

**FLOOR HAND**

SIGNATURE - SUPERVISOR



DATE 7-29-20  
FIELD TICKET #

IME	INJECTION		PRESSURE		CEMENT SLURRY		REMARKS
	RATE	BBLS IN	CSG	TBG	WEIGHT	YIELD	
1:48							Arrive to location, Hazard Hunt before spot
1:58							JSA on spot & rig up
2:10							Rig up
2:45							JSA on pump schedule
2:55	1.5	5			8.33		150psi Test Lines & 400psi Test pump
3:00	1.5	5		100	8.33		Break Circulating H <sub>2</sub> O
3:04	1.5	12.2		60	15.8		Mix & pump JLB cement, # verify by scales
3:13	1.5	3		40	8.33		Displace H <sub>2</sub> O
3:15							Shutdown / Release
3:20							Loose Pump
3:36							JSA on rig down
3:33							Rig down
3:50							leave location

**noble energy**

DECHANT D30-24D

Project / Lease Name  
425790751

AFE / RC Number  
247036

Task & E-type  
Account

**Mark Abbott**

Oracle 1st Approver  
**markabbott**

Approved By

**08/13/2020**

Date