



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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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

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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:**

<b>Title</b>	<b>Name</b>	<b>Hours</b>	<b>Vehicle</b>
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:**

<b>Name</b>	<b>Association</b>	<b>Notes</b>
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**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 <b>Noble Energy</b>		Well Name and Number <b>DECHANT D30-24 D</b>		Field Ticket Number <b>7770-1579</b>
Address <b>2115 117th Ave</b>		Well API # <b>05-123-34285</b>	District <b>Greeley CO 0928-120</b>	Engineer <b>Adam Steerman</b>
City/State/Zip Code <b>Greeley, CO 80631</b>		Latitude <b>40.189972</b>	Wireline Unit Number <b>WL 7770</b>	Supervisor/Engineer
County/Parish <b>Weld</b>	Field <b>WATTENBERG</b>	Longitude <b>-104.595287</b>	Rig Name & Number or Owner Unit Number <b>APLUS Rig</b>	Equipment Operator <b>Peter Gullickson</b>
Field Engineer / Supervisor Signature <b>Adam Steerman</b>		Equipment Operator <b>markabbott</b>		Equipment Operator

RUN	RUN DATA		NS	S	O	T	L	UNITS	CODE	DATE	DEPTHS AND DESCRIPTION
	Job Time: 7:00	Shop Time: 6:00							1000-100		Service Charge Cased Hole Unit
	Leave Shop: 8:15	Arrive Location: 8:30							1120-010		Packoff Operation Charge 08-1000#
	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
3	Time In: _____	Time Out: _____									
	From: _____	To: _____									
4	Time In: _____	Time Out: _____									
	From: _____	To: _____									
5	Time In: _____	Time Out: _____									
	From: _____	To: _____									
6	Time In: _____	Time Out: _____									
	From: _____	To: _____									
7	Time In: _____	Time Out: _____									
	From: _____	To: _____									
8	Time In: _____	Time Out: _____									
	From: _____	To: _____									
9	Time In: _____	Time Out: _____									
	From: _____	To: _____									
10	Time In: _____	Time Out: _____									
	From: _____	To: _____									
11	Time In: _____	Time Out: _____									
	From: _____	To: _____									
12	Time In: _____	Time Out: _____									
	From: _____	To: _____									
13	Time In: _____	Time Out: _____									
	From: _____	To: _____									
14	Time In: _____	Time Out: _____									
	From: _____	To: _____									
	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: 8132	Line Length: 25,600									
	Wellhead Valve: 0	Rig Valve: 0									
<b>WELL DATA</b>											
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 Order: _____	Final Prints: _____										
Comments: _____											
										<b>SUB TOTAL</b>	\$
										<b>LESS DISCOUNT</b>	\$
										<b>NON DISCOUNTED ITEMS</b>	
										<b>SUB TOTAL</b>	\$
										<b>TOTAL</b>	\$
										P.O. Number	
										AFE Number	

**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	Arrive Location:	6:50 AM	
Field Hrs.	0:50:00	Standby Hours:	0:00:00	Total Hours	2:05:00	Travel Time Hrs.	1:15:00	
Trip Miles	38	Leave Location:	7:50 AM	Arrive Shop:	8:30 AM			

**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 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 Rechant 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  
 H<sub>2</sub>O P.H. 6.5, chloride less 2  
 JSA on pump schedule  
 1500psi Test lines + 4000psi test popoff  
 Break Circulation H<sub>2</sub>O  
 Mix + pump 55-sts ShB cont, verify by scales  
 Displace H<sub>2</sub>O to Release

**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 @ 195k</u> .....
Power Rod Tongs x ..... \$ _____	Other <u>50 lbs @ 1.50/lb - 10%</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. Nppt. _____	(in) _____

SIGNATURE - CUSTOMER REPRESENTATIVE

Mark Abbott

SIGNATURE - SUPERVISOR

	RIG	TRAVEL	TOTAL
OPERATOR			
DERRICKMAN			
FLOOR HAND			
FLOOR HAND			

# Superior Energy

## TREATMENT REPORT

P.O. BOX 329  
FORT LUPTON, CO 80621  
303-654-9202

DATE 7-29-20  
FIELD TICKET # \_\_\_\_\_

WELL NAME & NO. <i>Dechant D30-24D</i>		LOC. <i>A Plus 14</i>	SERIAL # <i>05-123-34265</i>	LIFT PRESSURE & POP OFF LIFT: _____ POP OFF: <i>400</i>
PUMP: <i>90530</i>	BULK: <i>2884</i>	JOB PUMPED THRU:	TUBING CASING ANNULUS	WATER PH: <i>6.5</i>
COUNTY: <i>Weld</i>	STATE: <i>CO</i>	WELL TYPE: OIL	GAS WATER INJ.	TYPE OF CEMENT: <i>SLB</i>
CUSTOMER NAME: <i>Noble, Mark Abbott</i>		AGE OF WELL: NEW	REWORK	CASING SIZE: <i>8 3/8" 24"</i>
JOB SUPERVISOR: <i>Matt Belinski</i>		JOB TYPE:		CASING DEPTH: <i>829'</i>
SERVICE RATED: POOR FAIR EXCELLENT				TUBING SIZE: <i>2 3/8" 4.9"</i>
REMARKS: <i>55.5k SLB Cement 12.2 bbls ✓ 50 LBS Sugar</i>				TUBING DEPTH: <i>1000'</i>
CUSTOMER SIGNATURE: _____				OPEN HOLE: <i>9"</i>
				CSG OR ANRL VOL: _____
				TBG VOLUME: _____
		WELL INFORMATION		
		DESCRIPTION		DEPTH
		<i>155" Release Plug</i>		<i>9" O.H.</i>
		<i>EOT</i>		<i>1,000'</i>
		<i>TOC</i>		<i>845'</i>

TIME	INJECTION		PRESSURE		CEMENT SLURRY		REMARKS
	RATE	BBLs IN	CSG	TBG	WEIGHT	YIELD	
<i>1:48</i>							<i>Arrive to location, Hazard Hunt before spot</i>
<i>1:58</i>							<i>JSA on spot + rig up</i>
<i>2:10</i>							<i>Rig up</i>
<i>2:45</i>							<i>JSA on pump schedule</i>
<i>2:55</i>	<i>1.5</i>	<i>.5</i>			<i>8.33</i>		<i>150psi Test lines + 400psi Test pump</i>
<i>3:00</i>	<i>1.5</i>	<i>5</i>		<i>100</i>	<i>8.33</i>		<i>Break Circulation H2O</i>
<i>3:04</i>	<i>1.5</i>	<i>12.2</i>		<i>60</i>	<i>15.8</i>		<i>Mix + pump SLB cement, # verify by scales</i>
<i>3:13</i>	<i>1.5</i>	<i>3</i>		<i>40</i>	<i>8.33</i>		<i>Displace H2O</i>
<i>3:15</i>							<i>Shutdown/Release</i>
<i>3:20</i>							<i>Wash Pump</i>
<i>3:30</i>							<i>JSA on rig down</i>
<i>3:33</i>							<i>Rig down</i>
<i>3:50</i>							<i>leave location</i>

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Approved By  
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