

SPN CEMENT REPORT

OPERATOR: <i>Chevron</i>	DATE: <i>7-1-21</i>	API# <i>05-123-13238</i>
LEASE NAME: <i>Aloysius 3407</i>	RIG # <i>SPN 725</i>	COUNTY: <i>Weld</i>

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5
CEMENT DATE:	<i>7-1-21</i>	<i>7-1-21</i>	<i>7-2-21</i>	<i>7-6-21</i>	
SIZE OF HOLE OR PIPE IN WHICH PLUG PLACED:	<i>4 1/2" - 9"</i>	<i>4 1/2" - 9"</i>	<i>9"</i>	<i>9"</i>	
DEPTH TO BOTTOM OF TUBING OR DRILL PIPE:	<i>3736</i>	<i>2390</i>	<i>885</i>	<i>545</i>	
SACKS OF CEMENT USED (EACH PLUG):	<i>48 ✓</i>	<i>185 ✓</i>	<i>120 ✓</i>	<i>60 5LB</i>	
SLURRY VOLUME PUMPED:	<i>8.2</i>	<i>33.9</i>	<i>24.6</i>	<i>13.3</i>	
MEASURED TOP OF PLUG:	<i>3886</i>	<i>2000</i>	<i>595</i>	<i>440</i>	
SLURRY WT. #/GAL. :	<i>15.8</i>	<i>15.8</i>	<i>15.8</i>	<i>15.8</i>	
TYPE CEMENT:	<i>Gr Pellet</i>	<i>Gr Pellet</i>	<i>Gr CC</i>	<i>5LB</i>	
MUD FLUSH USED BBLs:	<i>10</i>	<i>10</i>	<i>10</i>	<i>10</i>	
CALCIUM CHLORIDE USED LBS:	<i>0</i>	<i>0</i>	<i>225</i>	<i>0</i>	
SUGAR USED LBS:	<i>0</i>	<i>50</i>	<i>50</i>	<i>100</i>	

[Handwritten Signature]

SIGNATURE OF CEMENTER OR AUTHORIZED REPRESENTATIVE

SPN

NAME OF CEMENTING CO.





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

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

Name: ALOYSIUS 34-07
API: 05-123-13238,
Rig # 14

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Travel to A Plus yard. Load supplies and equipment.
06:30 AM	07:00 AM	P	HSM and JSA. Pre- trip vehicles for rig move.
07:00 AM	07:30 AM	P	Move rig and equipment 22 miles to ALOYSIUS 34-07.
07:30 AM	08:00 AM	P	Spot rig and equipment.
08:00 AM	08:30 AM	P	Check wellhead pressure. SIBHP 0#. Check for bubbles = gas bubbles.
08:30 AM	09:00 AM	P	Performed LOTO (Road/Hoist). Rig up pulling and pumping units. Rig up hard lines. Check and test ground cables with ohm.
09:00 AM	10:00 AM	P	Test BOP (pipe rams and blinds). H/L test Ok.
10:00 AM	10:30 AM	P	NU, BOP. Rig up work floor and tubing equipment.
10:30 AM	11:00 AM	P	Test ring connection on BOP and well head flange.
11:00 AM	02:00 PM	P	Wait on Sonar Jet camera.
02:00 PM	03:30 PM	P	Rig up Sonar jet camera. RIH and tag @320', video to bellow of the shoe. Gas bubbles signs.
03:30 PM	04:00 PM	P	Pick up 14 joints of pipe CS HYDRIL 2-3/8". Tag @440'.
04:00 PM	05:00 PM	P	Reverse circulate 130 bbls, never clean.
05:00 PM	05:30 PM	P	TOOH 7 Stands. SIW.
05:30 PM	06:00 PM	P	Clean and secure location. SDFD.
06:00 PM	07:00 PM	P	Crew Travel.

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

Crew:

Title	Name	Hours	Vehicle
Supervisor:	Morales, Guillermo	13:50	77 - Crew PU
Operator:	Rangel Morales, Jose	13:50	18 - Crew PU
Derrick:	Dominguez, Samuel	13:50	
Floor Hand:	Ceniceros, Felipe	13:50	

On Site Reps:

Name	Association	Notes
Jorge Nava	Co. Rep.	On location

Equipment:

Dog House - DH-H
Base Beam #1
9 - G-PAD
Pushers trailer- P-179
Hard Line Trailer # P-176
#504 Gas buster tank
#427 500 bbls tank

Tubing float # 119



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Rig # 14

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Load supplies and equipment. Crew travel.
06:30 AM	07:00 AM	P	HSM and JSA. Start and warm up equipment.
07:00 AM	07:30 AM	P	Check pressures on well, SIBHP=0#. Check and test ground cables with OHM meter.
07:30 AM	08:00 AM	P	Rig down tubing equipment and work floor. ND, BOP.
08:00 AM	09:00 AM	P	NU, KLX BOP and Annular bag. Rig up work floor and tubing equipment.
09:00 AM	09:30 AM	P	Make function test on BOP (blinds and pipe rams = OK).
09:30 AM	10:00 AM	P	Wait on RMOR tools.
10:00 AM	10:30 AM	P	Pick up 7-7/8" blade bit, mud motor and 6 drill collars 3-1/8".
10:30 AM	11:00 AM	P	TITH 3 stands of pipe CS Hydril and pick up 1 joint.
11:00 AM	11:30 AM	P	Rig up RMOR power swivel, pick up 1 joint, tag on cement @440".
11:30 AM	12:00 PM	P	Established circulation.
12:00 PM	03:30 PM	P	Start drill cement from 440' to 510'.
03:30 PM	04:00 PM	P	Pump gel 2000, roll hole and clean.
04:00 PM	04:30 PM	P	Lay down 1 joint, Rig down power swivel.
04:30 PM	05:00 PM	P	Lay down 9 joints on tubing float. TOOH 6 drill collars and lay down mud motor and blade bit. SIW.
05:00 PM	05:30 PM	P	Clean and secure location. SDFD.
05:30 PM	06:30 PM	P	Crew Travel.

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Crew:

Title	Name	Hours	Vehicle
Supervisor:	Morales, Guillermo	13:00	77 - Crew PU
Operator:	Rangel Morales, Jose	13:00	18 - Crew PU
Derrick:	Dominguez, Samuel	13:00	
Floor Hand:	Ceniceros, Felipe	13:00	
Floor Hand:	Kelley, Dakota	13:00	

On Site Reps:

Name	Association	Notes
Jorge Nava	Co. Rep.	On location

Equipment:

Dog House - DH-H
Base Beam #1
9 - G-PAD
Pushers trailer- P-179
Hard Line Trailer # P-176
#504 Gas buster tank
#427 500 bbls tank

Tubing float # 119



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Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Load supplies and equipment. Crew travel.
06:30 AM	07:00 AM	P	HSM and JSA. Start and warm up equipment.
07:00 AM	07:30 AM	P	Check pressures on well, SIBHP=0#. Check and test ground cables with OHM meter.
07:30 AM	08:00 AM	P	Load hole w/1 bbl. Check for gas bubbles, no bubbles present.
08:00 AM	09:00 AM	P	Pick up RMOR 12" under reamer and trip in hole 6 drill collars and pick up 7 joints of pipe.
09:00 AM	01:30 PM	P	RU power swivel and begin under reaming from 400' to 507'
01:30 PM	02:30 PM	P	Pump gel 2000, roll hole and clean.
02:30 PM	03:00 PM	P	Lay down 1 joint and rig down power swivel.
03:00 PM	03:30 PM	P	Lay down 1 joint and TOO 4 stands, 6 drill collars and lay down under reamer. SIW.
03:30 PM	04:00 PM	P	Clean and secure location. SDFD.
04:00 PM	05:00 PM	P	Crew Travel.

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Crew:

Title	Name	Hours	Vehicle
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Worked on Wednesday, 07/21/2021

Supervisor:	Morales, Guillermo	11:50	77- Crew PU
Operator:	Rangel Morales, Jose	11:50	18 - Crew PU
Derrick:	Dominguez, Samuel	11:50	
Floor Hand:	Ceniceros, Felipe	11:50	
Floor Hand:	Kelley, Dakota	11:50	
Floor Hand:	Arredondo, Julio	11:50	

On Site Reps:

Name	Association	Notes
Jorge Nava	Co. Rep.	On location

Equipment:

Dog House - DH-H
Base Beam #1
9 - G-PAD
Pushers trailer- P-179
Hard Line Trailer # P-176
#504 Gas buster tank
#427 500 bbls tank

Tubing float # 119



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Work Detail

Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Load supplies and equipment. Crew travel.
06:30 AM	07:00 AM	P	HSM and JSA. Start and warm up equipment.
07:00 AM	07:30 AM	P	Check pressures on well, SIBHP=0#. Check and test ground cables with OHM meter.
07:30 AM	08:00 AM	P	Load hole w/4 bbls. Check for gas bubbles, bubbles present every 30 seconds.
08:00 AM	08:30 AM	P	TITH 16 joints. EOT @500'.
08:30 AM	09:30 AM	P	HSM and JSA, RU SPN company. Plug 1 (Base Plug) Pump 10 bbls mud flush followed 40 total sxs. 15.8 ppg, 1.23 yield = 49.2 cuft (8.7 bbls slurry) Class schlumberger quick set. With a mix factor of 4.77, PH level 7.0, chloride level 0. 4.4 bbls mix, 1.6 bbls displacement. From 500' to 438' ETOC.
09:30 AM	10:00 AM	P	Lay down 2 joints and TOO 7 stands. Load the well w/1 bbl.
10:00 AM	01:00 PM	P	Pressure up to 200#. Monitor until sample set. SIW.
01:00 PM	01:30 PM	P	Clean and secure location. SDFD.
01:30 PM	02:30 PM	P	Crew Travel.

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Crew:

Worked on Thursday, 07/22/2021

Title	Name	Hours	Vehicle
Supervisor:	Morales, Guillermo	09:00	77- Crew PU
Operator:	Rangel Morales, Jose	09:00	18 - Crew PU
Derrick:	Dominguez, Samuel	07:00	
Floor Hand:	Ceniceros, Felipe	09:00	
Floor Hand:	Kelley, Dakota	09:00	
Floor Hand:	Arredondo, Julio	09:00	

On Site Reps:

Name	Association	Notes
Jorge Nava	Co. Rep.	On location

Equipment:

Dog House - DH-H
Base Beam #1
9 - G-PAD
Pushers trailer- P-179
Hard Line Trailer # P-176
#504 Gas buster tank
#427 500 bbls tank

Tubing float # 119



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Rig # 14

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Load supplies and equipment. Crew travel.
06:30 AM	07:00 AM	P	HSM and JSA. Start and warm up equipment.
07:00 AM	07:30 AM	P	Check wellhead pressure. SIBHP 0#. Check and test ground cables with ohm. Load well w/1 bbl. Check bubbles=0.
07:30 AM	08:00 AM	P	TITH 6 drill collars and lay down on trailer.
08:00 AM	08:30 AM	P	TITH 7 stands and 16' subs, tag on cement @457'.
08:30 AM	09:30 AM	P	Plug 2 (Base Plug) Pump 10 bbls mud flush followed 105 total sxs, 2%CC, 15.8 ppg, 1.15 yield = 120.7 cuft (21.5 bbls slurry) Class G cement with a mix factor of 5, PH level 7.0, chloride level 0. 12.5 bbls mix, 1.5 bbls displacement. From 457' to 207' ETOC. Lay down 16' subs and 14 joints on tubing float.
09:30 AM	01:30 PM	P	Wait until sample set. Load the well w/1 bbl, check for gas bubbles= no bubbles.
01:30 PM	02:00 PM	P	Pick up 11 joints, tag on cement @329', lay down 1 joint and pick up 18' subs. EOT 329'.
02:00 PM	02:30 PM	P	Plug 3 (Surface Plug) Mix and pump 117 total sxs, 20 sxs inside 9" OH and 97 sxs inside 8-5/8", 15.8 ppg, 1.15 yield = 134.5 cuft (24 bbls slurry) Class G cement with a mix factor of 5, PH level 7.0, chloride level 0. 14 bbls mix. From 329' to surface.
02:30 PM	03:00 PM	P	Lay down 18' subs and 10 joints on tubing float. Rig down tubing equipment and work floor.
03:00 PM	03:30 PM	P	ND, KLX Annular bag and BOP. Rig up surface cap. SIW.
03:30 PM	04:00 PM	P	Wash and clean gas buster tank.
04:00 PM	04:30 PM	P	Rig down pulling and pumping units. Pick up and secure hard lines.
04:30 PM	05:00 PM	P	Clean and secure location. SDFD.
05:00 PM	06:00 PM	P	Crew travel.

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Comments:

Job Comment:

Plug 2 (Base Plug) Pump 10 bbls mud flush followed 105 total sxs, 2%CC, 15.8 ppg, 1.15 yield = 120.7 cuft (21.5 bbls slurry) Class G cement with a mix factor of 5, PH level 7.0, chloride level 0. 12.5 bbls mix, 1.5 bbls displacement. From 457' to 207' ETOC.

Plug 3 (Surface Plug) Mix and pump 117 total sxs, 20 sxs inside 9" OH and 97 sxs inside 8-5/8", 15.8 ppg, 1.15 yield = 134.5 cuft (24 bbls slurry) Class G cement with a mix factor of 5, PH level 7.0, chloride level 0. 14 bbls mix. From 329' to surface.

Crew:

Title	Name	Hours	Vehicle
Supervisor:	Morales, Guillermo	12:50	77 - Crew PU
Operator:	Rangel Morales, Jose	12:50	18 - Crew PU
Derrick:	Dominguez, Samuel	12:50	
Floor Hand:	Arredondo, Julio	12:50	
Floor Hand:	Ceniceros, Felipe	12:50	
Floor Hand:	Kelley, Dakota	12:50	

On Site Reps:

Name	Association	Notes
Jorge Nava	Co. Rep.	On location

Equipment:

Dog House - DH-H

Base Beam #1

9 - G-PAD

Pushers trailer- P-179

Hard Line Trailer # P-176

#504 Gas buster tank

#427 500 bbls tank

Tubing float #119

Waste pit #635

Cement truck #243

P&A Job Summary Sheet

Well Name:
 Foreman:

API:

Date CIBP Set: <input type="text"/>	CIBP Depth 1: <input type="text"/>	# of Sacks: <input type="text"/>
Date CIBP Set: <input type="text"/>	CIBP Depth 2: <input type="text"/>	# of Sacks: <input type="text"/>
Date CIBP Set: <input type="text"/>	CIBP Depth 3: <input type="text"/>	# of Sacks: <input type="text"/>

***List all CIBPs in the hole, even if set prior to P&A

PLUGS

		Bottom Depth	Top Depth	
Plug #1	# of Sacks: <input type="text" value="40"/>	From: <input type="text" value="500"/>	To: <input type="text" value="457"/>	Tagged <input checked="" type="checkbox"/>
Plug #2	# of Sacks: <input type="text"/>	From: <input type="text"/>	To: <input type="text"/>	Tagged <input type="checkbox"/>
Plug #3	# of Sacks: <input type="text"/>	From: <input type="text"/>	To: <input type="text"/>	Tagged <input type="checkbox"/>
Plug #4	# of Sacks: <input type="text"/>	From: <input type="text"/>	To: <input type="text"/>	Tagged <input type="checkbox"/>
Shoe Plug in surface casing:	# of Sacks: <input type="text" value="115"/>	From: <input type="text" value="457"/>	To: <input type="text" value="329"/>	Tagged <input checked="" type="checkbox"/>
Top Off	# of Sacks: <input type="text" value="117"/>	From: <input type="text" value="329"/>	To: <input type="text" value="2"/>	Tagged <input checked="" type="checkbox"/>

CICR plugs and cement squeezed through perfs/casing cut - List # of Sacks pumped through the CICR.

Any cement on top should go in plug section above

Perf Depth: <input type="text"/>	# of Sacks: <input type="text"/>	CICR Depth: <input type="text"/>
Perf Depth: <input type="text"/>	# of Sacks: <input type="text"/>	CICR Depth: <input type="text"/>
Perf Depth: <input type="text"/>	# of Sacks: <input type="text"/>	CICR Depth: <input type="text"/>

Casing Cut Depth: Casing Pulled (Yes/No)?

Wireline Contractor:
 Cement Contractor:
 Types of Cement Used:

NOTES (Any changes to plugging procedure, was CBL run, any issues?):

*** PLEASE MAKE SURE CEMENT DEPTHS AND # OF SACKS MATCH THE CEMENT TICKETS, WBD and DAILY OPS