REPSOL

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/1/18

Affected Facility: *Well Completions*

A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

Well Identification DCNR 594 (02-205) 2H

API Well Number: 37-117-21824-00-01

Latitude: 41.639812

Longitude: -77.113253

Well Category (select from list): Production

Primary Compliance Method (select from list): Reduced emissions completion

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Daily Completion Log

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
10/23/2017	2.0	0.0	0.0	2.0	Initial Flowback Period begins: 10:00 PM
10/24/2017	24.0	11.0	0.0	13.0	Separation Flowback Period begins: 1:00 PM
10/25/2017	24.0	24.0	0.0	0.0	
10/26/2017	24.0	24.0	0.0	0.0	
10/27/2017	24.0	24.0	0.0	0.0	
10/28/2017	24.0	24.0	0.0	0.0	
10/29/2017	24.0	24.0	0.0	0.0	
10/30/2017	24.0	24.0	0.0	0.0	
10/31/2017	21.5	21.5	0.0	0.0	Well Shut-in: 10:31 AM Separation Flowback Period begins: 1:01 PM
11/1/2017	24.0	24.0	0.0	0.0	
11/2/2017	24.0	24.0	0.0	0.0	
11/3/2017	24.0	24.0	0.0	0.0	
11/4/2017	24.0	24.0	0.0	0.0	
11/5/2017	24.0	24.0	0.0	0.0	
11/6/2017	24.0	24.0	0.0	0.0	
11/7/2017	24.0	24.0	0.0	0.0	
11/8/2017	24.0	24.0	0.0	0.0	
11/9/2017	24.0	24.0	0.0	0.0	
11/10/2017	24.0	24.0	0.0	0.0	
11/11/2017	24.0	24.0	0.0	0.0	
11/12/2017	24.0	24.0	0.0	0.0	
11/13/2017	24.0	24.0	0.0	0.0	
11/14/2017	24.0	24.0	0.0	0.0	
11/15/2017	24.0	24.0	0.0	0.0	
11/16/2017	18.0	18.0	0.0	0.0	Well Shut-in: 8:01 AM Separation Flowback Period begins: 12:01 PM Well Shut-in: 6:31 PM Separation Flowback Period begins: 8:31 PM
11/17/2017	15.3	15.3	0.0	0.0	Well Shut-in: 8:01 AM Separation Flowback Period begins: 4:45 PM
11/18/2017	11.0	11.0	0.0	0.0	Well Shut-in: 11:01 AM
11/19/2017	8.0	8.0	0.0	0.0	Separation Flowback Period begins: 4:.01 PM

11/20/2017	22.0	22.0	0.0	0.0	Well Shut-in: 2:01 PM Separation Flowback Period begins: 4:01 PM
11/21/2017	24.0	24.0	0.0	0.0	
11/22/2017	24.0	24.0	0.0	0.0	
11/23/2017	24.0	24.0	0.0	0.0	
11/24/2017	9.0	9.0	0.0	0.0	Well Shut-in, turned over to production: 9:01 AM

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Affected Facility:	*Well Completions* A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.
Well Identification	DCNR 594 (02-205) 4H
API Well Number:	37-117-21825-00-01
Latitude:	41.639892
Longitude:	-77.113225
Well Category (select from list):	Production
Primary Compliance Method (select from list):	Reduced emissions completion

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Daily Completion Log

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
10/24/2017	10.0	2.0	0.0	8.0	Initial Flowback Period begins: 2:01 PM Separation Flowback Period begins: 10:01 PM
10/25/2017	24.0	24.0	0.0	0.0	
10/26/2017	24.0	24.0	0.0	0.0	
10/27/2017	24.0	24.0	0.0	0.0	
10/28/2017	24.0	24.0	0.0	0.0	
10/29/2017	24.0	24.0	0.0	0.0	
10/30/2017	24.0	24.0	0.0	0.0	
10/31/2017	21.5	21.5	0.0	0.0	Well Shut-in: 10:31 AM Separation Flowback Period begins: 1:01 PM
11/1/2017	24.0	24.0	0.0	0.0	
11/2/2017	24.0	24.0	0.0	0.0	
11/3/2017	24.0	24.0	0.0	0.0	
11/4/2017	24.0	24.0	0.0	0.0	
11/5/2017	24.0	24.0	0.0	0.0	
11/6/2017	24.0	24.0	0.0	0.0	
11/7/2017	24.0	24.0	0.0	0.0	
11/8/2017	24.0	24.0	0.0	0.0	
11/9/2017	24.0	24.0	0.0	0.0	
11/10/2017	24.0	24.0	0.0	0.0	
11/11/2017	24.0	24.0	0.0	0.0	
11/12/2017	24.0	24.0	0.0	0.0	
11/13/2017	24.0	24.0	0.0	0.0	
11/14/2017	24.0	24.0	0.0	0.0	
11/15/2017	24.0	24.0	0.0	0.0	
11/16/2017	16.0	16.0	0.0	0.0	Well Shut-in: 9:01 AM Separation Flowback Period begins: 3:01 PM Well Shut-in: 6:31 PM Separation Flowback Period begins: 8:31 PM
11/17/2017	7.0	7.0	0.0	0.0	Well Shut-in: 7:01 AM
11/18/2017	13.0	13.0	0.0	0.0	Separation Flowback Period begins: 11:01 AM
11/19/2017	23.0	23.0	0.0	0.0	Well Shut-in: 6:01 AM Separation Flowback Period begins: 7:01 AM

11/20/2017	22.5	22.5	0.0	0.0	Well Shut-in: 12:31 PM Separation Flowback Period begins: 2:01 PM
11/21/2017	24.0	24.0	0.0	0.0	
11/22/2017	24.0	24.0	0.0	0.0	
11/23/2017	24.0	24.0	0.0	0.0	
11/24/2017	9.0	9.0	0.0	0.0	Well Shut-in, turned over to production: 9:01 AM

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Affected Facility:	*Well Completions* A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.
Well Identification	DCNR 594 (02-205) 6H
API Well Number:	37-117-21826-00-01
Latitude:	41.639969
Longitude:	-77.113194
Well Category (select from list):	Production
Primary Compliance Method (select from list):	Reduced emissions completion

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Daily Completion Log

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
10/24/2017	2.0	2.0	0.0	0.0	Initial Flowback Period begins: 10:01 PM
10/25/2017	18.0	15.0	0.0	3.0	Well Shut-in: 3:01 AM Separation Flowback Period begins: 9:01 AM
10/26/2017	24.0	24.0	0.0	0.0	
10/27/2017	24.0	24.0	0.0	0.0	
10/28/2017	24.0	24.0	0.0	0.0	
10/29/2017	24.0	24.0	0.0	0.0	
10/30/2017	24.0	24.0	0.0	0.0	
10/31/2017	22.5	22.5	0.0	0.0	Well Shut-in: 10:31 AM Separation Flowback Period begins: 12:01 PM
11/1/2017	24.0	24.0	0.0	0.0	
11/2/2017	24.0	24.0	0.0	0.0	
11/3/2017	18.5	18.5	0.0	0.0	Well Shut-in: 8:31 AM Separation Flowback Period begins: 2:01 PM
11/4/2017	24.0	24.0	0.0	0.0	
11/5/2017	24.0	24.0	0.0	0.0	
11/6/2017	24.0	24.0	0.0	0.0	
11/7/2017	24.0	24.0	0.0	0.0	
11/8/2017	24.0	24.0	0.0	0.0	
11/9/2017	24.0	24.0	0.0	0.0	
11/10/2017	24.0	24.0	0.0	0.0	
11/11/2017	24.0	24.0	0.0	0.0	
11/12/2017	24.0	24.0	0.0	0.0	
11/13/2017	24.0	24.0	0.0	0.0	
11/14/2017	24.0	24.0	0.0	0.0	
11/15/2017	24.0	24.0	0.0	0.0	
11/16/2017	17.5	17.5	0.0	0.0	Well Shut-in: 1:01 PM Separation Flowback Period begins: 5:01 PM Well Shut-in: 6:31 PM Separation Flowback Period begins: 9:01 PM
11/17/2017	21.0	21.0	0.0	0.0	Well Shut-in: 1:01 PM Separation Flowback Period begins: 4:01 PM
11/18/2017	10.0	10.0	0.0	0.0	Well Shut-in: 10:01 AM

11/19/2017	16.0	16.0	0.0	0.0	Separation Flowback Period begins: 8:01 AM
11/20/2017	20.5	20.5	0.0	0.0	Well Shut-in: 10:31 AM Separation Flowback Period begins: 2:01 PM
11/21/2017	21.5	21.5	0.0	0.0	Well Shut-in: 8:31 AM Separation Flowback Period begins: 10:01 AM
11/22/2017	24.0	24.0	0.0	0.0	
11/23/2017	24.0	24.0	0.0	0.0	
11/24/2017	12.0	12.0	0.0	0.0	Well Shut-in, turned over to production: 12:01 PM