



June 25, 2019

Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Attention: Ms. Kimberly D. Bose, Secretary

Re: El Paso Natural Gas Company, L.L.C.;
Semi-Annual Activity Report
Washington Ranch Storage Facility
Docket Nos. RP72-6, et al., CP79-224, and CP15-516

Commissioners:

El Paso Natural Gas Company, L.L.C. ("EPNG") is filing pursuant to the requirements of the Federal Energy Regulatory Commission ("Commission") in Docket Nos. RP72-6, et al., CP79-224, and CP15-516 the semi-annual activity report for the Washington Ranch Storage Facility.

Description of Proceeding

Pursuant to the Commission approved Stipulation and Agreement in the Settlement of Restructuring, Rate, and Related Proceedings filed January 29, 1993 in Docket Nos. RS92-60-000, et al., EPNG's Washington Ranch Storage Facility located in Eddy County, New Mexico is operated primarily as an adjunct to EPNG's transmission system for load balancing, line pack and pressure control. Additionally, as authorized in Docket No. RP05-422-000, EPNG offers interruptible storage services under Rate Schedule ISS.

Description of Items Filed

Pursuant to ordering paragraph (H) of the Commission Order Approving Stipulation and Agreement Settling Proceedings and Prescribing Permanent Allocation Plan, Granting Certificates of Public Convenience and Necessity, Granting Abandonments, and Granting Adjustments issued March 26, 1981 in Docket Nos. RP72-6, et al., and CP79-224, EPNG is submitting a semi-annual activity report for the Washington Ranch Storage Facility for the period of November 1, 2018 through April 30, 2019. This report has also incorporated additional Washington Ranch Storage Field information required by Ordering Paragraph (C) of the Commission Order in Docket No. CP15-516-000 issued August 18, 2015.

Filing Information

EPNG is eFiling this report with the Commission's Secretary in accordance with the Commission's Order No. 703, *Filing Via the Internet*, guidelines issued on November 15, 2007 in Docket No. RM07-16-000.

I have read these documents and the information contained therein is true, to the best of my knowledge and belief.

Respectfully submitted,

EL PASO NATURAL GAS COMPANY ,L.L.C.

By _____ /s/
Francisco Tarin
Director, Regulatory

Enclosures

EL PASO NATURAL GAS COMPANY, L.L.C.
SEMI-ANNUAL ACTIVITY REPORT
WASHINGTON RANCH STORAGE FACILITY
For the Period: November 1, 2018 – April 30, 2019

El Paso Natural Gas Company, L.L.C. ("EPNG") is submitting this report pursuant to ordering paragraph (H) of the Commission Order Approving Stipulation and Agreement Settling Proceedings and Prescribing Permanent Allocation Plan, Granting Certificates of Public Convenience and Necessity, Granting Abandonments, and Granting Adjustments issued March 26, 1981 in Docket Nos. RP72-6, et al., and CP79-224. Unless otherwise stated, all volumes are reported using a pressure base of 14.73 psia and a temperature base of 60°F. All volumes are listed in Mcf, unless otherwise stated. The storage activity cycle covered in this report is from November 1, 2018 through April 30, 2019.

- 1) The daily volume of natural gas injected into and withdrawn from the storage facility.

Attached as Exhibit 1 is the list of daily injection and withdrawal volumes for Washington Ranch for the November 1, 2018 through April 30, 2019 reporting period.

- 2) The volume of natural gas in the storage facility at the end of the reporting period.

The volume of gas in the reservoir as of May 1, 2019 was 38,139,358 Mcf at 14.73 psia.

- 3) The maximum daily injection or withdrawal rate experienced during the activity period, and the average working pressure on such maximum days, taken at a central measuring point where the total volume injected or withdrawn is measured.

<u>Telemetered Data</u>	<u>Volume (MMcf)</u>	<u>Working Pressure (psia)</u>
Maximum Injection:	145.1	718.9
Maximum Withdrawal:	213.6	744.7

- 4) Results of any tracer program by which the leakage of injected gas may be determined. If leakage of gas exists, the report should show the estimated total volume of gas leakage, the volume of recycled gas and the estimated remaining inventory of gas in the reservoir at the end of the reporting period.

No tracer surveys were conducted during the November 1, 2018 through April 30, 2019 reporting period.

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There was no indication of any gas leakage from the field/reservoir during the November 1, 2018 through April 30, 2019 reporting period.

- 5) Any surveys of pressures in gas wells, and the results of back-pressure tests conducted during the reporting period.

No bottom-hole pressure or shut-in pressure survey was conducted during the November 1, 2018 through April 30, 2019 reporting period. Further, there were no water levels detected in observation wells.

No back-pressure tests were conducted during the November 1, 2018 through April 30, 2019 reporting period.

As the gas storage reservoir in Washington Ranch Field is not an aquifer-type reservoir, no pump-tests were performed.

- 6) The latest revised structure and isopachous contour maps showing the location of the wells, the location and extent of the gas bubble in the storage reservoir for aquifer-type reservoirs and in any other reservoirs of the project in which gas bubbles are known to exist, and the location of the gas-water contact if one exists. This map need not be filed if there is no material change from the map previously filed.

No revisions have occurred to the structure or isopachous contour maps during the November 1, 2018 through April 30, 2019 reporting period. The location and extent of the gas bubble is not applicable for the type of reservoir which exists in the Washington Ranch Gas Storage Field.

- 7) For the reporting period, a summary of wells drilled, recompleted or worked-over, with subsea depth of formation and casing settings.

No drilling, re-completion, or work-over activity occurred during the November 1, 2018 through April 30, 2019 reporting period.

- 8) Discussion of current operating problems and conclusions.

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EPNG did not experience any operating problems in the Washington Ranch Storage Facility during the November 1, 2018 through April 30, 2019 reporting period.

- 9) Such other data or reports which may aid the Commission in the evaluation of the storage project.

EPNG did not experience any activities or events that would necessitate the generation of additional reports or data for the Washington Ranch Storage Facility during the November 1, 2018 through April 30, 2019 reporting period.

Exhibit 1
Reporting Period 11/1/18 to 4/30/19
El Paso Natural Gas Company, L.L.C.

Daily Volumes of Natural Gas Injection into and Withdrawal from the Washington Ranch Storage Field

DATE	Injection Net Mcf	Injection Net Dth	Withdrawal Net Mcf	Withdrawal Net Dth
11/1/2018	0	0	28381	29590
11/2/2018	57253	60366	698	728
11/3/2018	139637	147000	0	0
11/4/2018	143939	150675	0	0
11/5/2018	128452	133996	0	0
11/6/2018	126394	131520	1	1
11/7/2018	129955	134674	1	1
11/8/2018	128492	132952	0	0
11/9/2018	11471	11895	47758	49448
11/10/2018	0	0	135804	140850
11/11/2018	0	0	186844	194444
11/12/2018	0	0	201373	210067
11/13/2018	0	0	213648	223065
11/14/2018	0	0	205541	214677
11/15/2018	1985	2073	75414	78764
11/16/2018	131104	136584	9	9
11/17/2018	134997	140412	0	0
11/18/2018	104873	108976	0	0
11/19/2018	0	0	0	0
11/20/2018	0	0	49005	50941
11/21/2018	125	130	5941	6175
11/22/2018	139783	144719	0	0
11/23/2018	140511	145600	0	0
11/24/2018	143443	148826	0	0
11/25/2018	143732	148988	0	0
11/26/2018	26155	27099	0	0
11/27/2018	0	0	0	0
11/28/2018	66933	69630	0	0
11/29/2018	35844	37330	3	3
11/30/2018	100364	104453	2	2
12/1/2018	29347	30688	0	0
12/2/2018	72747	76261	0	0
12/3/2018	0	0	93968	98282
12/4/2018	0	0	72686	75730
12/5/2018	50	51	63807	66365
12/6/2018	89957	93968	0	0
12/7/2018	0	0	39019	40695
12/8/2018	42046	43847	0	0
12/9/2018	74410	77465	0	0
12/10/2018	65605	68254	0	0
12/11/2018	134	139	0	0

* Note that yellow highlighting indicates peak date injections/withdrawals.

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12/12/2018	117781	122608	0	0
12/13/2018	110823	115481	0	0
12/14/2018	14693	15308	0	0
12/15/2018	0	0	81472	84859
12/16/2018	0	0	128687	134031
12/17/2018	0	0	13710	14272
12/18/2018	0	0	0	0
12/19/2018	34662	36141	1477	1541
12/20/2018	127259	132625	612	637
12/21/2018	105147	109699	970	1016
12/22/2018	81	84	0	0
12/23/2018	113833	117736	0	0
12/24/2018	85696	88636	0	0
12/25/2018	89318	92545	0	0
12/26/2018	66732	69289	0	0
12/27/2018	0	0	75954	78817
12/28/2018	0	0	119936	124294
12/29/2018	0	0	190109	197354
12/30/2018	0	0	145142	150895
12/31/2018	0	0	125402	130441
1/1/2019	0	0	84125	87509
1/2/2019	0	0	206615	214919
1/3/2019	0	0	187751	195292
1/4/2019	0	0	52447	54551
1/5/2019	0	0	0	0
1/6/2019	70799	73415	0	0
1/7/2019	35843	37334	77	80
1/8/2019	0	0	49889	51888
1/9/2019	0	0	46246	47984
1/10/2019	73425	76020	0	0
1/11/2019	145064	150238	0	0
1/12/2019	72649	75214	0	0
1/13/2019	0	0	34184	35396
1/14/2019	0	0	60371	62517
1/15/2019	0	0	52935	54832
1/16/2019	0	0	25201	26104
1/17/2019	18973	19611	0	0
1/18/2019	125374	129533	1	1
1/19/2019	129373	133295	0	0
1/20/2019	106853	109837	0	0
1/21/2019	30816	31868	0	0

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1/22/2019	48678	50584	75	77
1/23/2019	0	0	198135	204657
1/24/2019	0	0	191331	197647
1/25/2019	0	0	179972	186447
1/26/2019	0	0	155602	161496
1/27/2019	0	0	42394	44034
1/28/2019	53582	55488	0	0
1/29/2019	24742	25409	64	66
1/30/2019	0	0	52200	53863
1/31/2019	0	0	42471	44043
2/1/2019	0	0	23759	24669
2/2/2019	0	0	65674	68227
2/3/2019	21666	22406	6784	7051
2/4/2019	140154	144484	0	0
2/5/2019	70632	72756	0	0
2/6/2019	1125	1159	36705	37811
2/7/2019	0	0	49433	50953
2/8/2019	0	0	19889	20510
2/9/2019	0	0	107821	111378
2/10/2019	0	0	103796	107678
2/11/2019	0	0	126701	131740
2/12/2019	0	0	89644	93277
2/13/2019	27249	28211	0	0
2/14/2019	4017	4149	0	0
2/15/2019	112556	115767	0	0
2/16/2019	122184	125518	0	0
2/17/2019	130088	133692	0	0
2/18/2019	12572	12894	66936	68715
2/19/2019	0	0	118138	121520
2/20/2019	0	0	138546	142793
2/21/2019	0	0	131417	135995
2/22/2019	0	0	109927	114150
2/23/2019	0	0	1166	1212
2/24/2019	0	0	534	555
2/25/2019	53345	55371	437	454
2/26/2019	86638	89927	36	37
2/27/2019	0	0	7641	7905
2/28/2019	0	0	7383	7640
3/1/2019	0	0	86611	89916
3/2/2019	0	0	125177	130090
3/3/2019	0	0	101650	105791

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3/4/2019	0	0	134205	139780
3/5/2019	0	0	107670	112191
3/6/2019	0	0	36681	38209
3/7/2019	26	27	0	0
3/8/2019	58309	60091	0	0
3/9/2019	5451	5603	0	0
3/10/2019	0	0	123645	128065
3/11/2019	0	0	160034	166703
3/12/2019	0	0	151846	158239
3/13/2019	0	0	127808	133202
3/14/2019	0	0	106825	111317
3/15/2019	0	0	123665	128878
3/16/2019	0	0	9886	10301
3/17/2019	108365	111180	0	0
3/18/2019	123333	126180	0	0
3/19/2019	124059	127231	0	0
3/20/2019	128426	132160	0	0
3/21/2019	129181	133048	0	0
3/22/2019	121651	125174	0	0
3/23/2019	119039	122589	0	0
3/24/2019	117894	121298	0	0
3/25/2019	79803	82029	0	0
3/26/2019	60684	62502	0	0
3/27/2019	96556	99607	0	0
3/28/2019	115124	118906	0	0
3/29/2019	114999	119042	0	0
3/30/2019	67581	69716	1316	1358
3/31/2019	63386	65212	1458	1499
4/1/2019	60898	62669	0	0
4/2/2019	80058	82478	0	0
4/3/2019	105434	108648	0	0
4/4/2019	64103	66096	0	0
4/5/2019	96890	100270	0	0
4/6/2019	100439	103812	0	0
4/7/2019	97548	100736	0	0
4/8/2019	104821	107901	0	0
4/9/2019	107167	110396	0	0
4/10/2019	24936	25766	6917	7147
4/11/2019	51652	53325	2369	2441
4/12/2019	63889	65834	2933	3018
4/13/2019	56843	58498	3034	3130

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DATE	Injection Net Mcf	Injection Net Dth	Withdrawal Net Mcf	Withdrawal Net Dth
4/14/2019	0	0	9658	9940
4/15/2019	73858	75974	1652	1700
4/16/2019	16682	17178	7599	7825
4/17/2019	64348	66400	0	0
4/18/2019	21991	22683	6078	6271
4/19/2019	59859	61676	949	975
4/20/2019	92771	95716	0	0
4/21/2019	98006	101223	0	0
4/22/2019	97282	100412	0	0
4/23/2019	30457	31445	4281	4427
4/24/2019	3968	4102	1135	1172
4/25/2019	49743	51375	0	0
4/26/2019	94679	97724	0	0
4/27/2019	67065	69137	0	0
4/28/2019	101562	104612	0	0
4/29/2019	105763	108920	0	0
4/30/2019	89537	92180	0	0
TOTAL	8710275	9011683	6622911	6879252

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Certificate of Service

I hereby certify that I have this day caused a copy of the foregoing documents to be served upon each person designated on the official service list compiled by the Commission's Secretary in this proceeding in accordance with the requirements of Section 385.2010 of the Federal Energy Regulatory Commission's Rules of Practice and Procedure.

Dated at Colorado Springs, Colorado as of this 25th day of June, 2019.

/s/
Francisco Tarin

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(719) 667-7517