Second Quarter Variance Report Redacted

September 2015 through November 2015 Docket No. 15-057-07

Questar Gas Company Second Quarter Variance Report September 2015 – November 2015

Questar Gas Company (Questar Gas or Company) respectfully submits this Second Quarter Variance Report for the period September – November 2015. This report identifies the variance between the actual results and the projections set forth in the 2015 Integrated Resource Plan (IRP).

Weather Exhibits 1.1 - 1.3.

Exhibit 1.1 shows that the weather in September and October was significantly warmer than normal with October having 215 fewer heating degree days than the forecast. November had substantially the same heating degree days as the forecast.

Gas Storage

Exhibits 2.1 - 2.4.

Exhibit 2.1 shows that Clay Basin inventory peaked in September due to higher than forecasted summer production, the lack of Ryckman storage, and low demand early in the quarter. Questar Gas eased the effects of the high production and the Ryckman impact by acquiring a 500,000 Dth Park and Loan contract at Clay Basin in October.

The actual November inventory in Clay Basin was significantly lower than what was forecast in the IRP. A column showing the three-year average ending inventory has been added to Exhibits 2.1 through 2.4 to show how the storage activity in this quarter compares to what has happened historically. Four items encountered in the course of business led to the decision to reduce Clay Basin inventory at a higher-thannormal rate in November. First, the modeled forecast was based on the price forecast that was available in June, 2015. This forecast reflected prices increasing in November, December and January. The actual prices actually decreased in October and November and all fundamentals at that point were indicating that trend to continue. Second, the cold weather in November allowed Questar Gas to withdraw some of the excess storage that had built up as a result of the warm weather and the absence of Ryckman storage. Third, withdrawls were increased based on concerns that the warm weather that had been persistent throughout 2015 would continue through the heating season, and not allow Clay Basin to be ready to receive injections in the spring of 2016. Finally, withdrawals were increased to free up storage space in December for an additional 500,000 Dth of gas that QGC purchased in an auction from Questar Pipeline Company (Questar Pipeline). When the 3rd Quarter variance report is filed, the December balance will include this additional 500,000 Dth.

Aquifer inventory was higher than the forecast for September and fell lower than the forecast in October and November. September injections into Leroy and Coalville began earlier than modeled start times to manage higher than forecasted cost-of-service production. See Exhibit 2.2.

Firm Sales Exhibits 3.1 - 3.4.

The first two months of the quarter were much warmer than normal, particularly in the month of October where the disparity was 215 heating degree days. The resulting usage was about 24% below the projected level through those two months. Heating degree days in November were very close to the normal baseline, and usage was only slightly below the projection due to slightly lower than normal usage per GS customer.

Gas Purchased from Third Parties Volume Variance Exhibits 4.1-4.3. Exhibit 4.1 shows low use of third party purchases in September and October. Questar Gas also only purchased half of the gas in the November forecast. Small purchases in September and October were due to warm temperatures. In November, normal demand was supplemented by withdrawals from Clay Basin.

Gas Purchased from Third Parties Cost Variance Exhibits 5.1 - 5.3. Total costs for third party purchases were lower than forecast due to the combination of lower volumes being purchased (see section 4) and low cost of gas in November (see section 6).

Gas Purchased from Third Parties Unit Cost Variance Exhibits 6.1, 6.2. Unit costs for September and October were slightly higher than the forecast by \$0.03 and \$0.11 respectively. For November, the unit cost was lower than the forecast by \$0.41.

Cost-of-Service Gas Exhibits 7.1 - 7.3.

Actual September cost-of-service volumes were slightly higher than the forecast. Shut-in volumes were greater than forecasts due to warm weather, higher than estimated production and near-full Clay Basin storage. October production was less than forecast due to shut-in production. Shut-ins were not anticipated but occurred again due to warm weather, high production and near full storage. November production was higher than forecast and at full production without shut-ins. Higher production in November came from flush production created when shut-in wells were brought back on. In general the Church Buttes, Canyon Creek, Powder Wash and Trail fields performed above estimates due to field operation improvements such as compression, targeting problem wells by reducing water loading and tubing replacement.

Table 1 summarizes estimated average daily shut-in verses actual average daily shut-in during the quarter. The higher shut-in amounts are due to warmer than normal temperatures, higher than forecast production and the lack of storage options.

TABLE 1

		September	October	November	Quarter
To	Dth/Day	1,025	2 00	-	
Forecasted Shut-ins	Total Dth	30,750	-	-	30,750
Actual Shut-in	Dth/Day	15,989	15,473	-	
	Total Dth	479,670	479,663	-	959,333

Cost-of-Service Gas New Drill Component

Exhibits 8.1 - 8.3.

For the quarter, new drill was below projections due to natural decline in Pinedale wells that came on in the spring ahead of schedule.

Table 2 summarizes purchase and cost-of-service volume variances using IRP projections and actual results as a percent of total. The Q2 number on line 4 is a percent of total and not an average.

TABLE 2

			IRP Forecast	Actual Cost-of-	IRP Forecast
		Actual Purchase	(Normal)	Service Into-Pipe	(Normal) Cost-of-
		as Percent of	Purchase as	as Percent of	Service Into-Pipe
		Total	Percent of Total	Total	as Percent of Total
1	Sep-15	0.14%	15.44%	99.86%	84.56%
2	Oct-15	0.18%	43.60%	99.82%	56.40%
3	Nov-15	45.32%	61.41%	54.68%	38.59%
4	Q2	22.78%	45.97%	77.22%	54.03%

Supplemental Graphs

Exhibits 9.1 - 9.3.

Confidential Exhibits 9.1 and 9.2 show the total production and new drill by nominations group. Confidential Exhibit 9.3 shows detailed information related to gas purchases.

Purchased Gas and Cost-of-Service Price Comparison

Exhibits 10.1, 10.2.

Confidential Exhibit 10.1 shows the price difference between cost-of-service gas and purchased gas. Confidential Exhibit 10.2 compares the actual price of purchased gas with the trailing twelve months (TTM) price of cost-of-service gas. The Company has continued to research and refine its into-pipe volumes. After comparing the receipt volumes reported by Questar Pipeline to the reconciliation efforts by Questar Gas, the Company determined that at this time the best way to calculate into-pipe volumes is to use confirmed receipt volumes at the same point where gas is purchased. The volume reported by Questar Pipeline is a more accurate measure of into-pipe volumes than adjusting wellhead volumes with an estimated reduction to convert the number to into-pipe. The Company has used receipt volumes from Questar Pipeline's invoice in this report for 2011-2015, which represent the dates for which the data is available. The Company will continue to use the estimated reduction of 3.8% for years prior to 2011. The company will continue to monitor the TTM

price of cost-of-service gas. Future IRP variance reports will be calculated using the receipt volumes reflected on the Questar Pipeline invoices.

Gathering

Pursuant to Commission order in Docket No. 12-057-07, the Company provides the following update regarding the Questar Gas Company v. QEP Field Services Company (QEP) lawsuit. Following completion of discovery and exchange of expert reports, Questar Gas Company and QEP each filed three motions for partial summary judgment. The Court issued its Memorandum Decision on December 2, 2014, granting two of Questar Gas' three motions and denying all three of QEP's motions. With leave of Court, Questar Gas and Wexpro filed an additional motion for partial summary judgment regarding QEP's counterclaim. QEP filed a motion for clarification or reconsideration regarding one of the Court's rulings in the Memorandum Decision. Briefing on both motions has been completed.

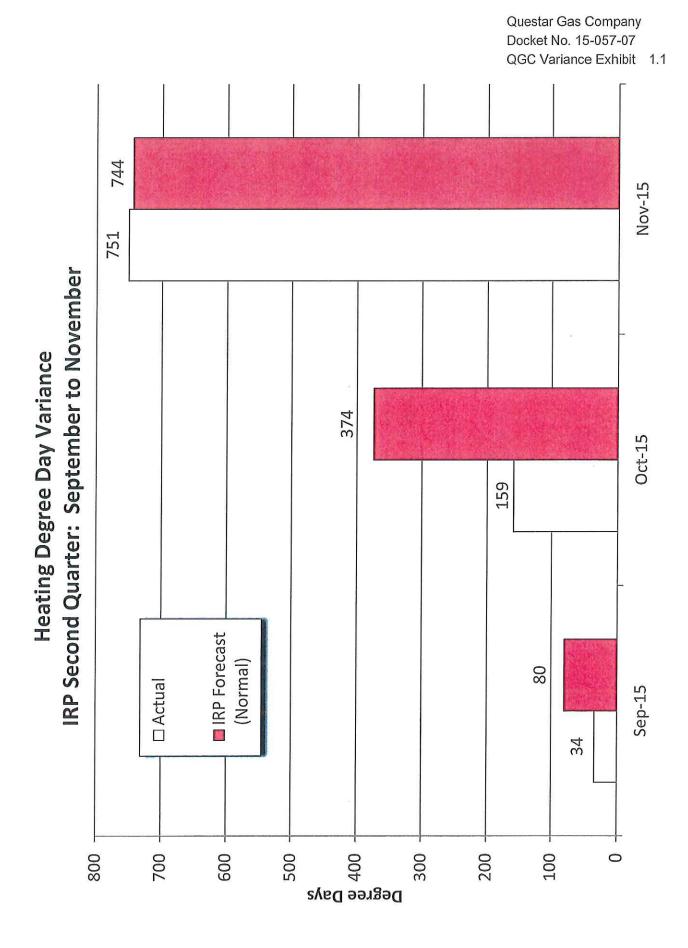
The court heard Questar Gas' and Wexpro's motion on QEP's counterclaim and QEP's motion for reconsideration on October 29, 2015. On December 23, 2015, the Court denied the Company's motion for partial summary judgment and denied QEP's motion for reconsideration. The trial has been scheduled for April 2016.

DNG Action Plan Variance Report

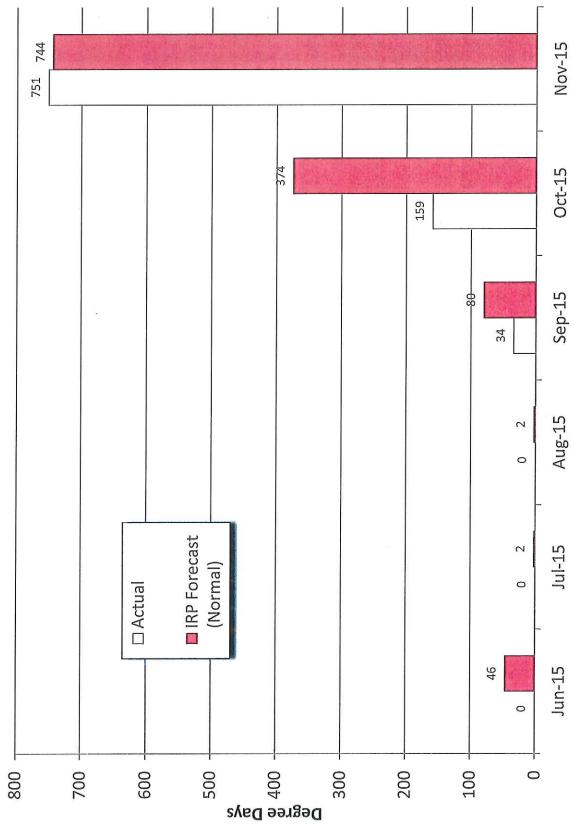
The first quarter variance report provided details on the following projects: NO0001 District Regulator Station, North Ogden; TG0003 Kern River Tap, Saratoga; and Lark Compressor Station. All other projects were on schedule and on budget during the second quarter.

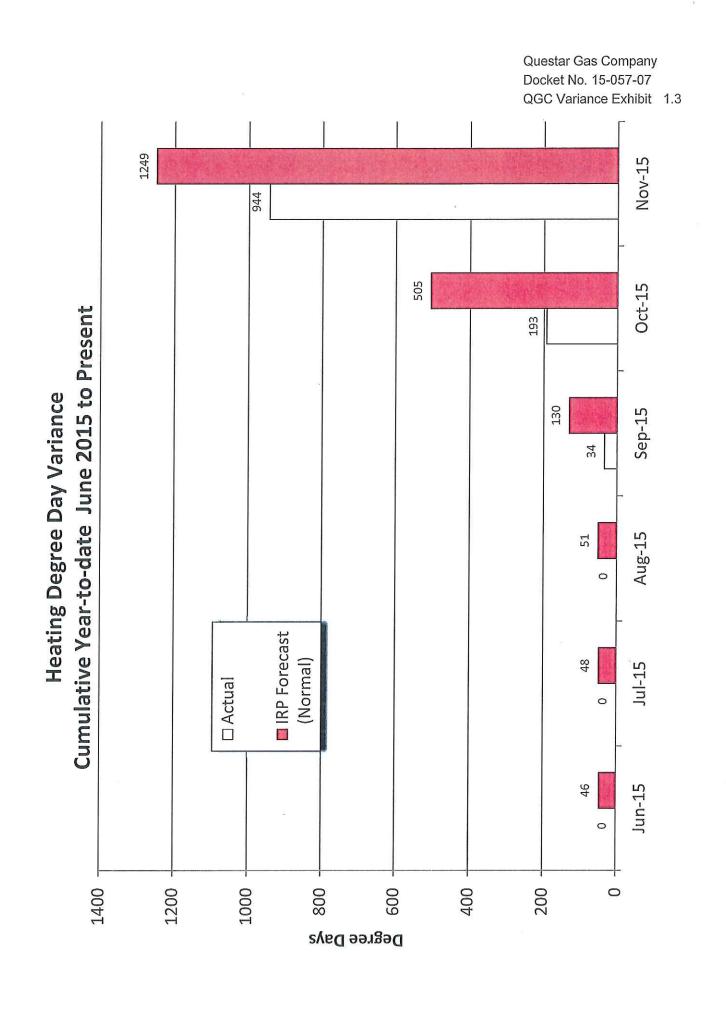
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Heating Degree Day Graphs Exhibit 1.1 – 1.3 Docket No. 15-057-07

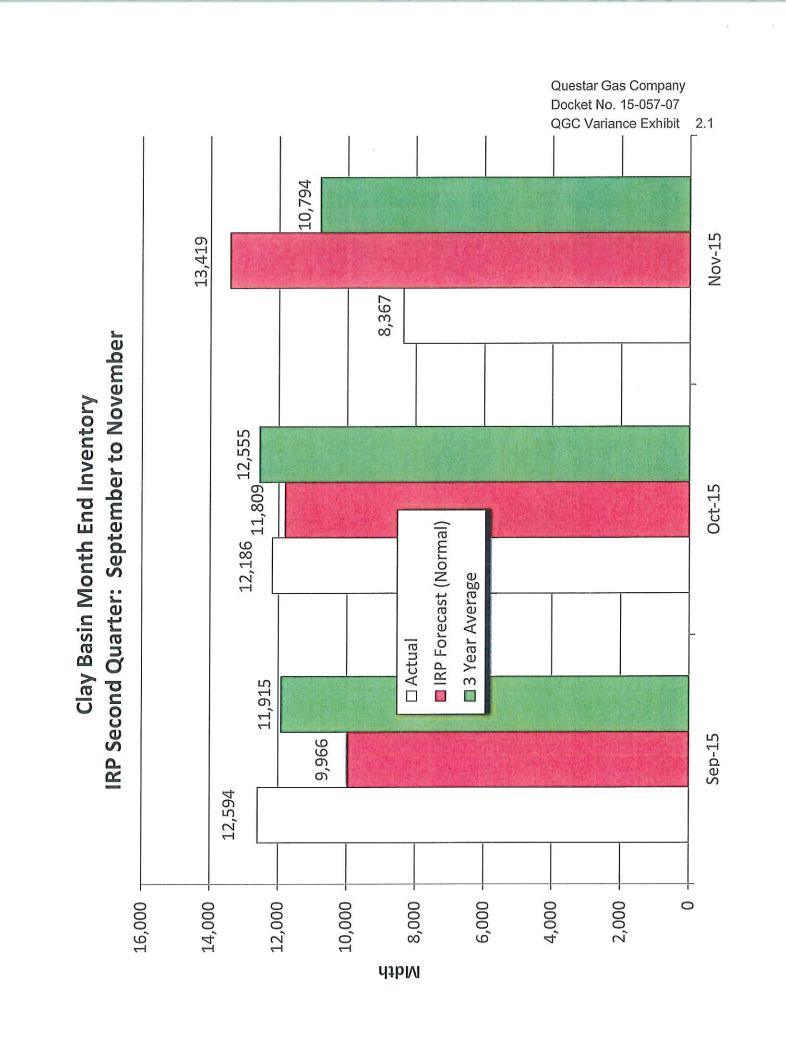


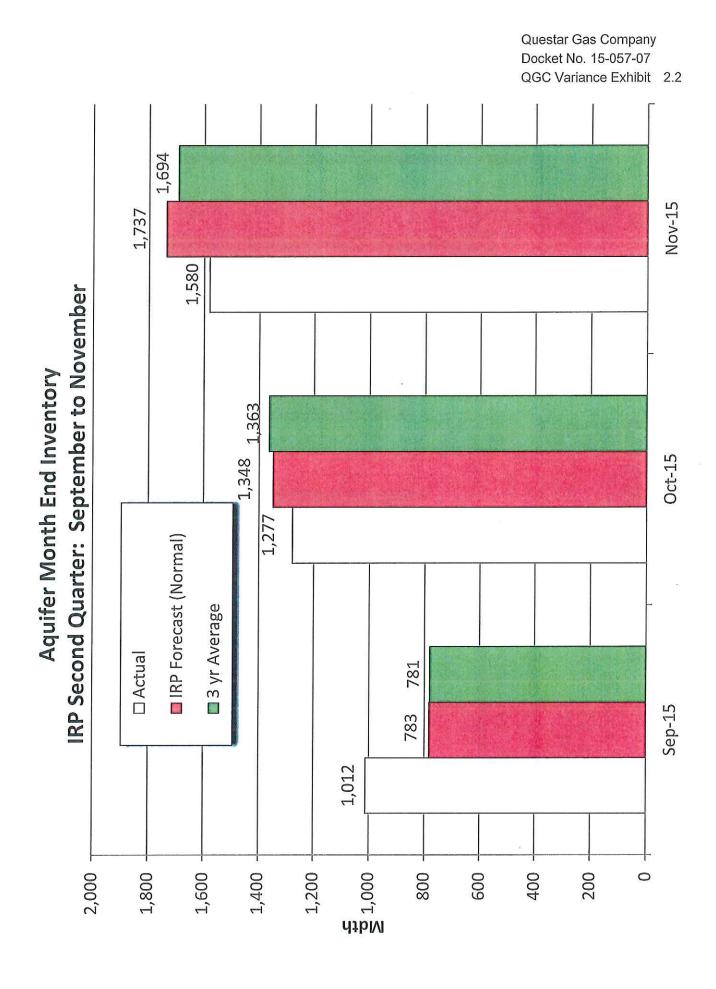
IRP Year: June 2015 to Present Heating Degree Day Variance

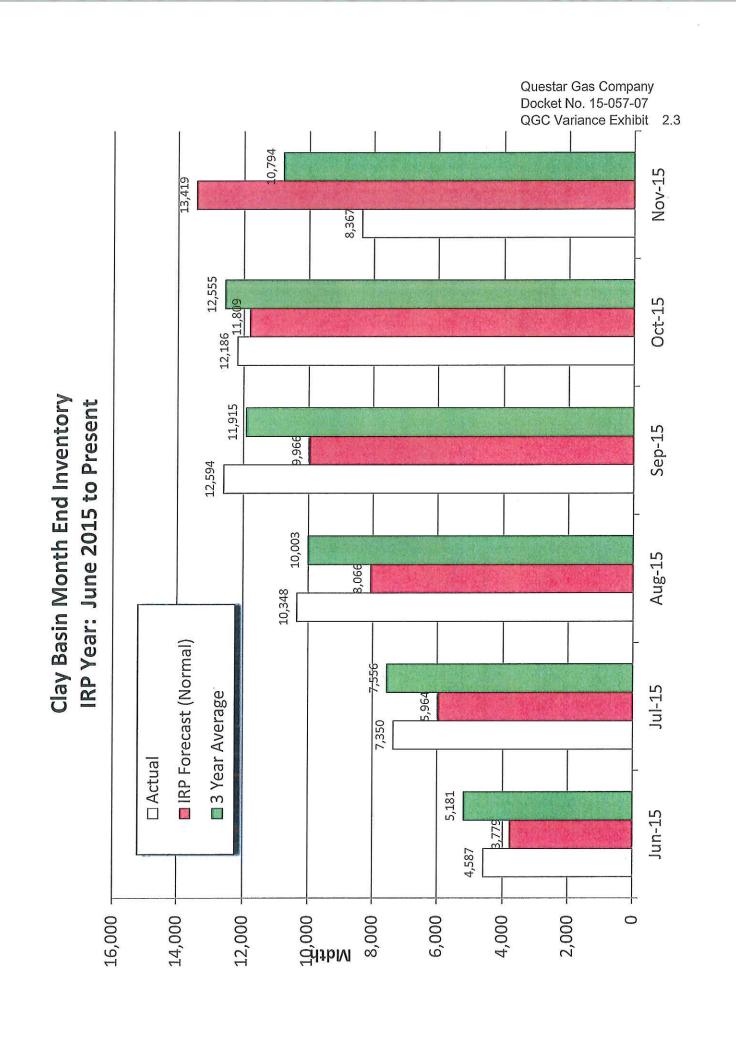


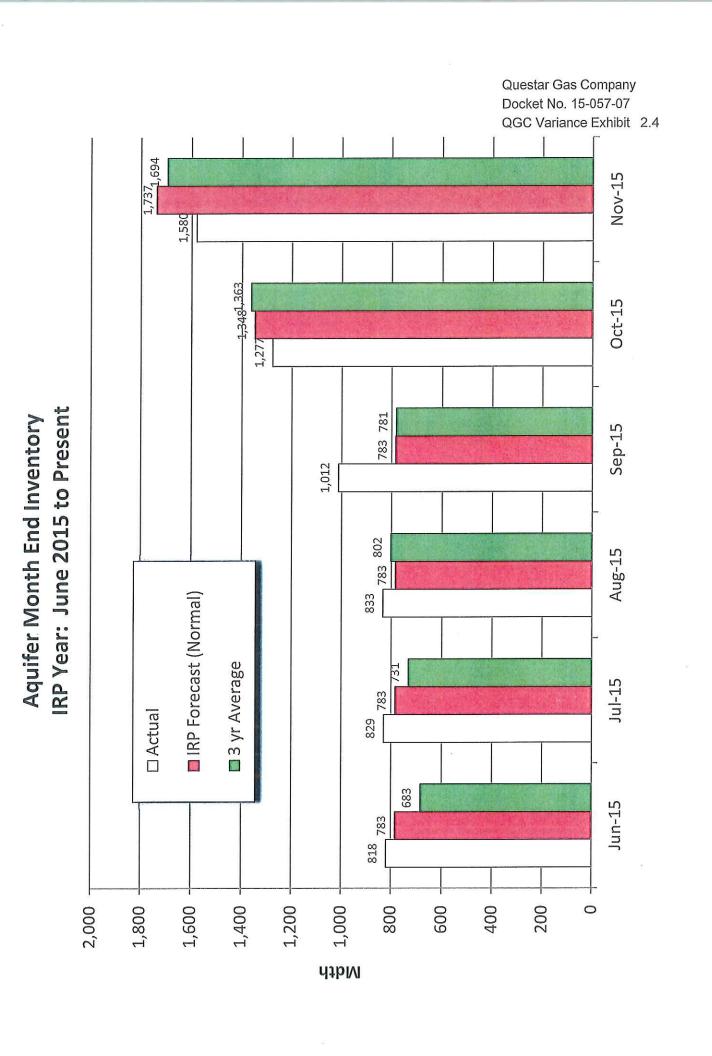


Gas Storage Graphs
Exhibits 2.1 – 2.4
Docket No. 15-057-07

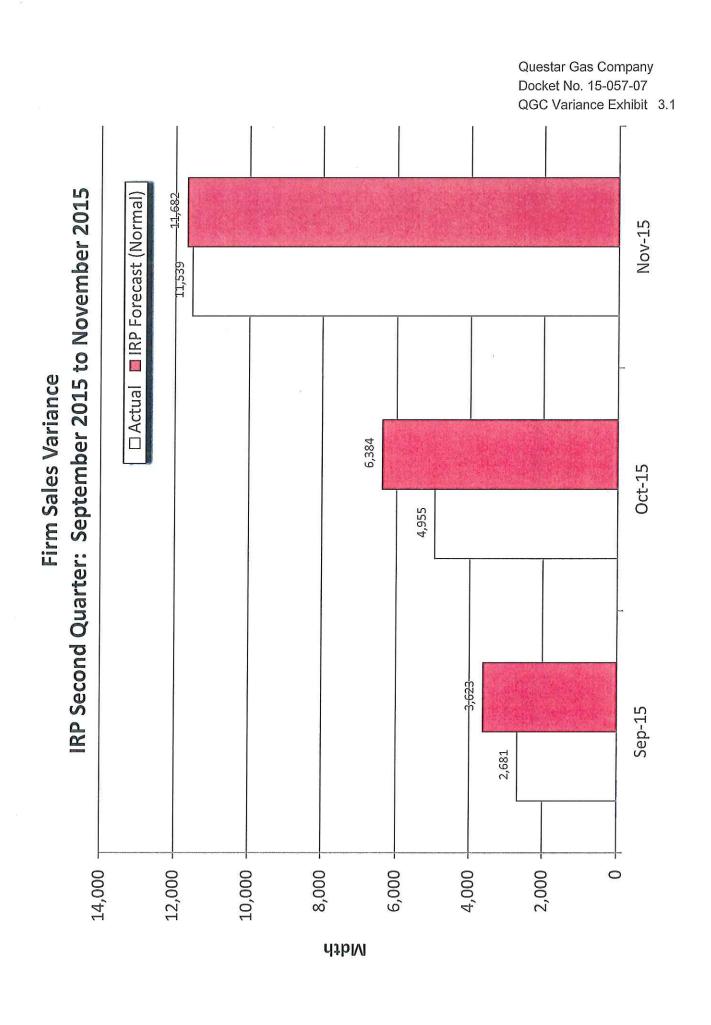


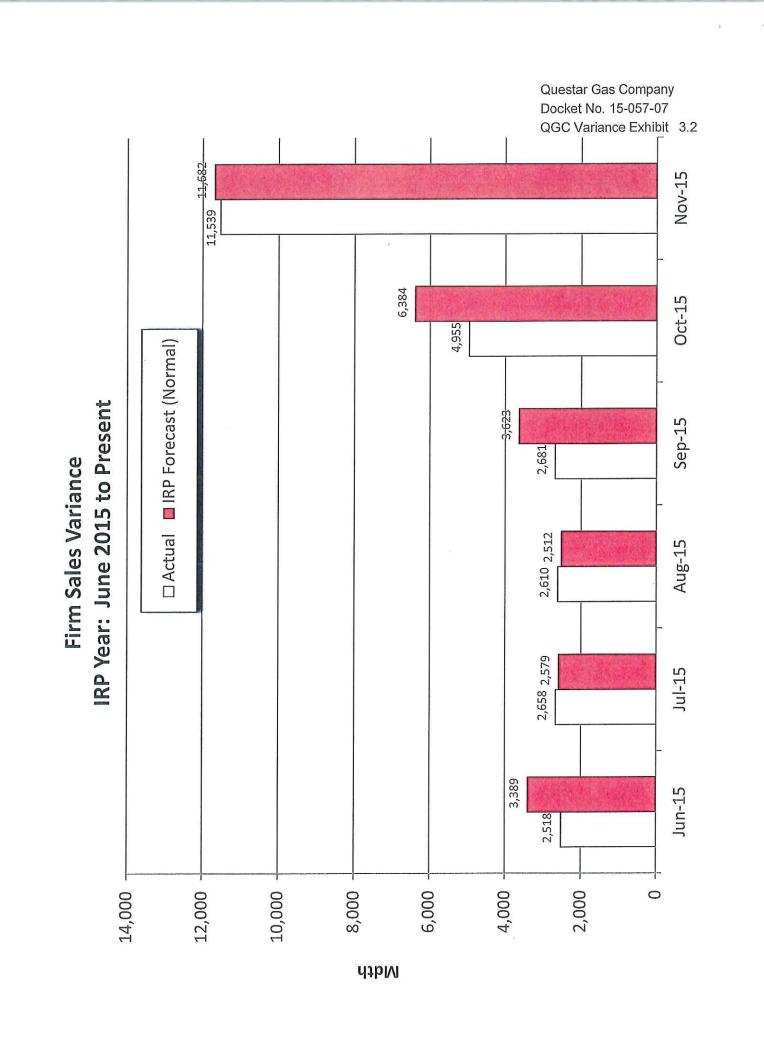


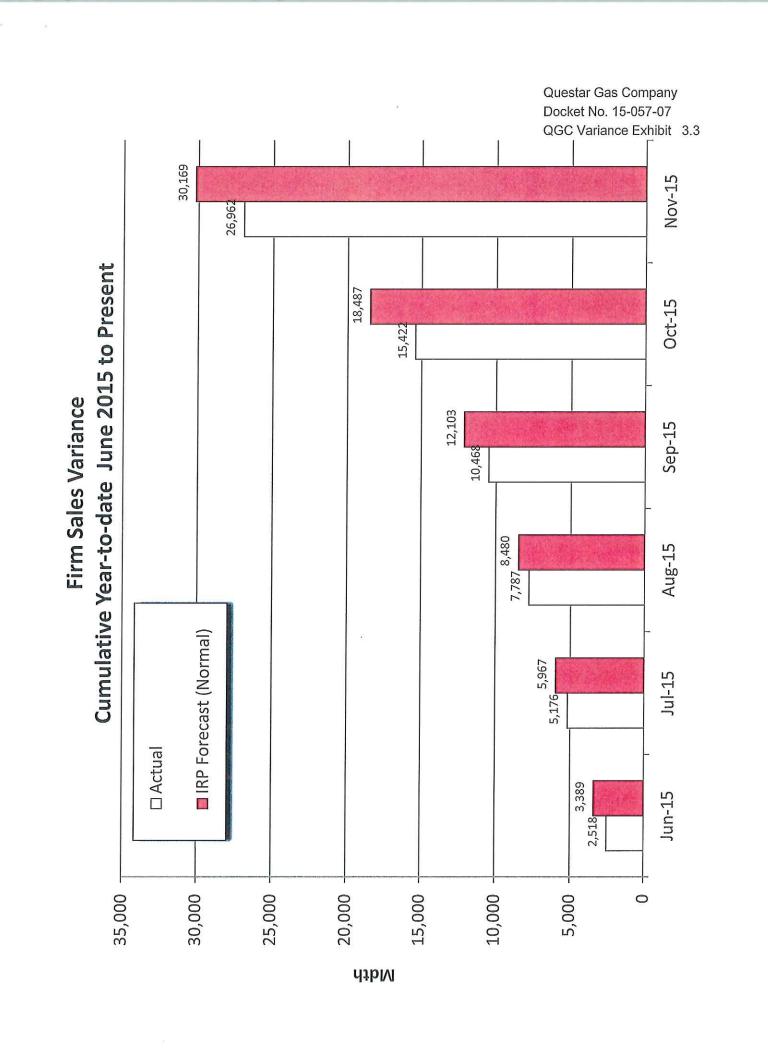




Firm Sales Graphs
Exhibits 3.1 – 3.4
Docket No. 15-057-07





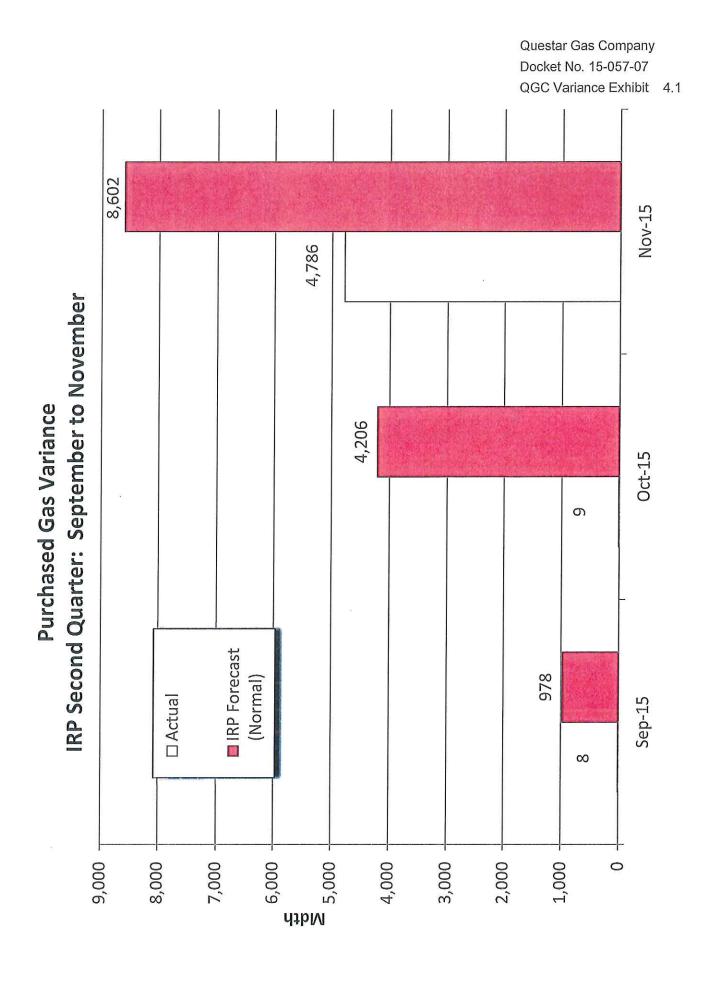


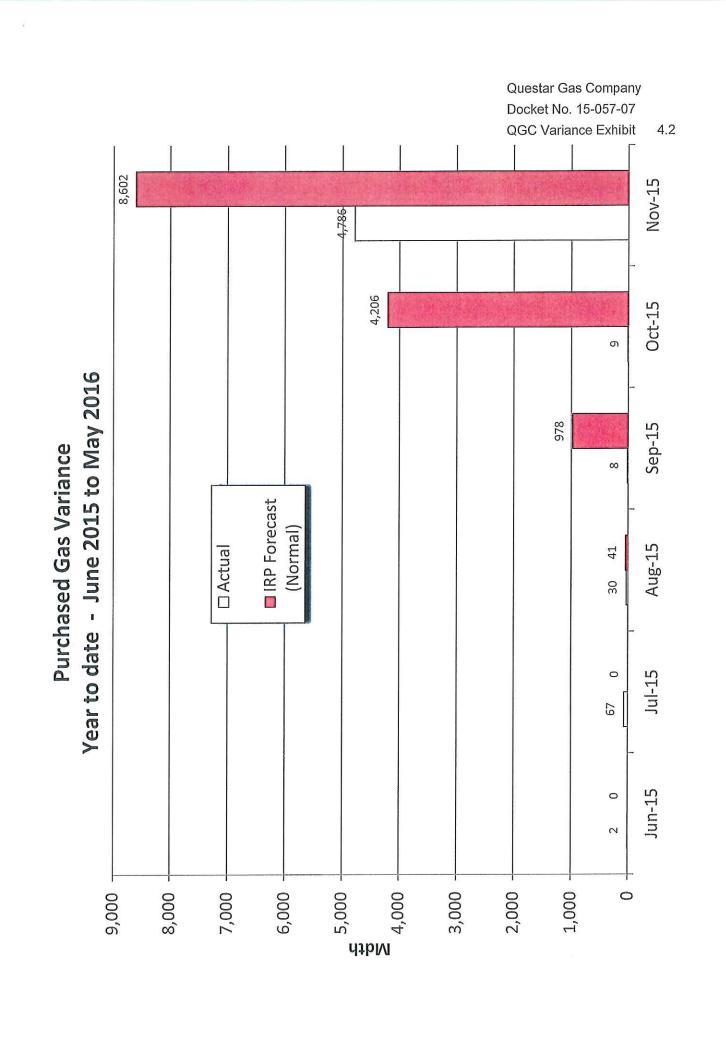
IRP Variance

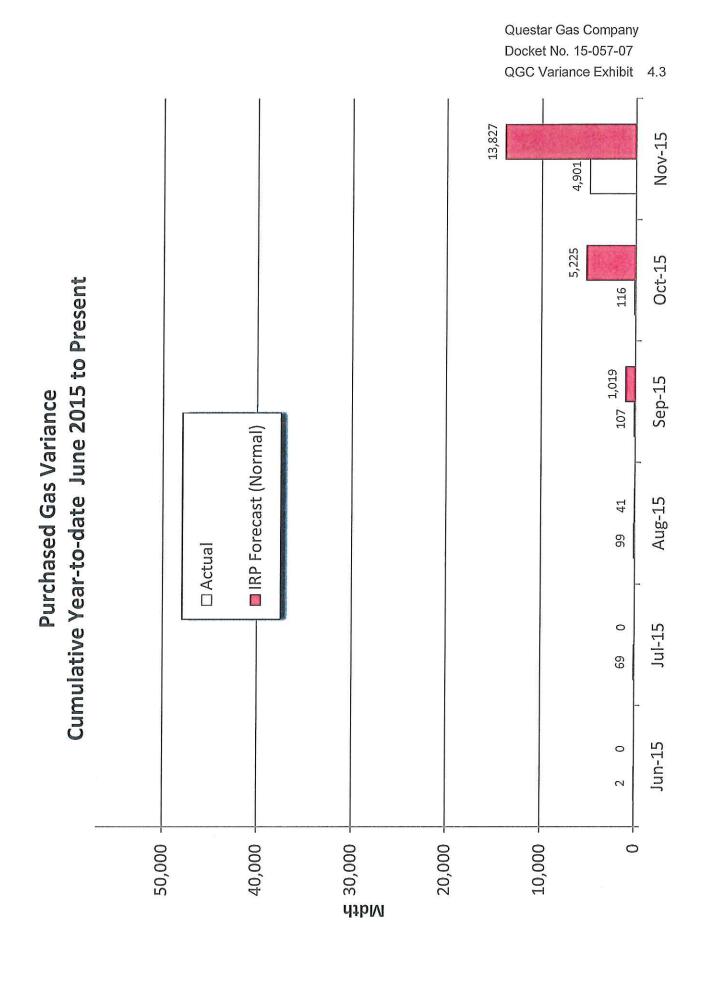
Actual Results	Sep-15			Oct-15				Nov-15				
SUPPLY		Actual)-10	IRP		Actual	- 1	IRP	_	Actual	1	IRP
1 Cost of Service Prod (Mbtu)		5,588		5,559		4,624	_	5,649	-	5,753	-	5,611
2 Purchases (Mbtu)		8		978		9		4,206		4,786		8,602
3 Clay Basin With (Mbtu)		-		-		871		4,200		3,939		0,002
4 Acquifers With (Mbtu)		3		_		-		-		121		_
		3				79 2		-		121		
5 Ryckman With (Mbtu)		63		85		58		87		79		84
6 Off-System		03		00		50		07		19		04
7 Total Supply		5,662		6,622		5,562		9,942		14,678		14,297
DEMAND												
8 Firm Sales (Mbtu)		2,681		3,623		4,955		6,384		11,539		11,682
9 Interruptible Sales (Mbtu)		87		115		101		123		102		149
10 Clay Basin Inj (Mbtu)		2,247		1,900		464		1,842		120		1,610
11 Acquifers Inj (Mbtu)		189				277		565		494		389
12 Ryckman Inj (Mbtu)		(ma)		600		-		620		*:		-
13 Off-System		63		82		58		84		79		80
14 Fuel		143		281		106		290		180		323
15 Company Use / L&U		252		20		(398)		34		2,162		62
16 Total Demand	_	5,662		6,622		5,562		9,942		14,677		14,296
					St							
17 Clay Basin Fuel Usage Adjustment		(0)		_		(0)		=		(1)		-
18 Clay Basin Transfers		- (0)		_		- (-/				- (-)		-
19 Acquifers Fuel Usage Adjustment		(7)		-		(12)		_		(70)		-
20 Acquifers Transfers		- (.,		.=		-		-		-		
21 Clay Basin Current Balance		12,594		9,966		12,186		11,809		8,367		13,419
22 Acquifers Current Balance		1,012		783		1,277		1,348		1,580		1,737
22 Acquirers Ourrent Balance		1,012		700		1,21		1,010		1,000		1,701
23 Purchases(\$/Dth)		2.70		2.67		2.58		2.47		2.16		2.57
24 Purchases \$ (000)		22		2,611		23		10,389		10,338		22,107
24 Fulchases ψ (000)		22		2,011		20		10,000		10,000		22,107
Variances												
25 Cost of service volumes		29		704		-		-		142		-
26 Purchase volumes		-		1100		_		110 7		1		-
27 Purchase \$ Act over (under) IRP	\$	=	\$	(2,590)	\$	-	\$	(10,366)	\$	82	\$	(11,769)
28 Vol Variance	\$		\$	(2,590)		-	\$	(10,367)	\$		\$	(9,807)
29 \$ Variance	\$ \$ \$	2	\$	0	\$	-	\$	1	\$	(#	\$	(1,962)
30 Check	\$	_	\$		\$		\$		\$		\$	-
31 Quarter Variance	Ψ		Ψ		4		*		\$	(24,725)	7	
32 Vol Variance									\$	(22,764)		
									\$	(1,961)		
33 \$ Variance									\$	(1,001)		
34 Check									Ψ	. 		

Gas Purchased From Third Parties

Volume Variance Exhibits 4.1 – 4.3 Docket No. 15-057-07

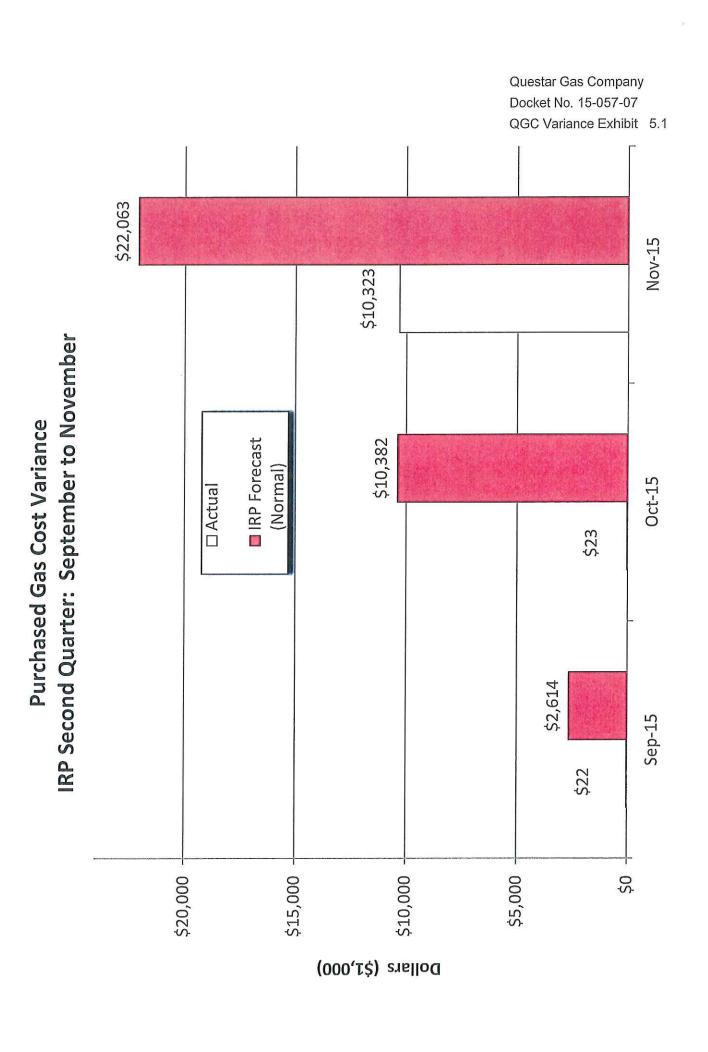




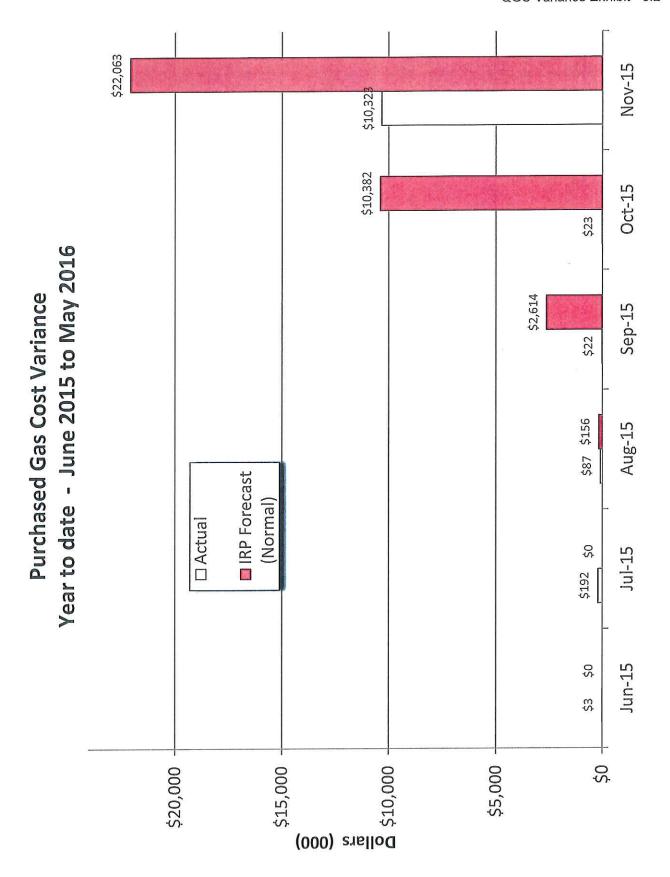


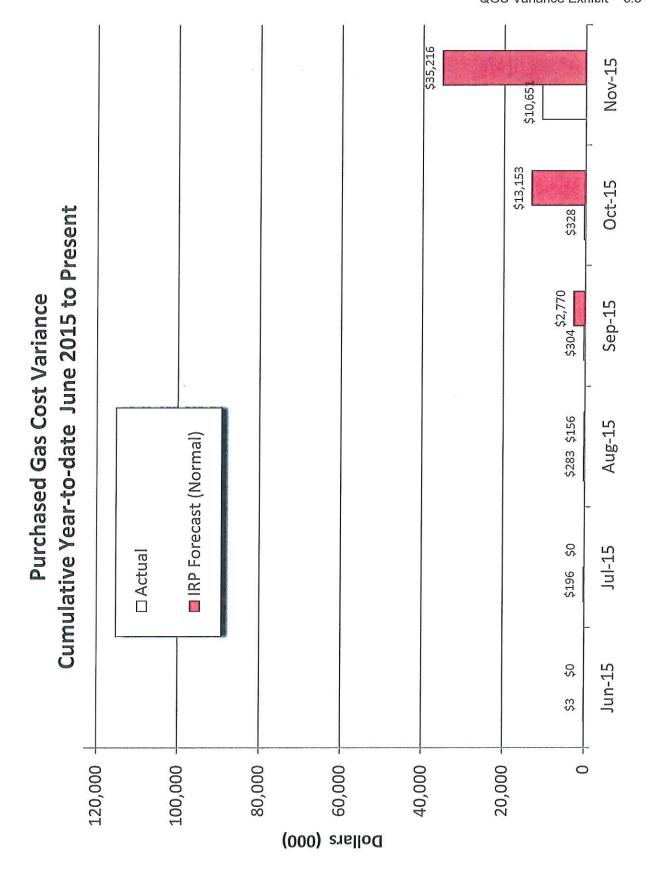
Gas Purchased From Third Parties

Cost Variance Exhibits 5.1 – 5.3 Docket No. 15-057-07



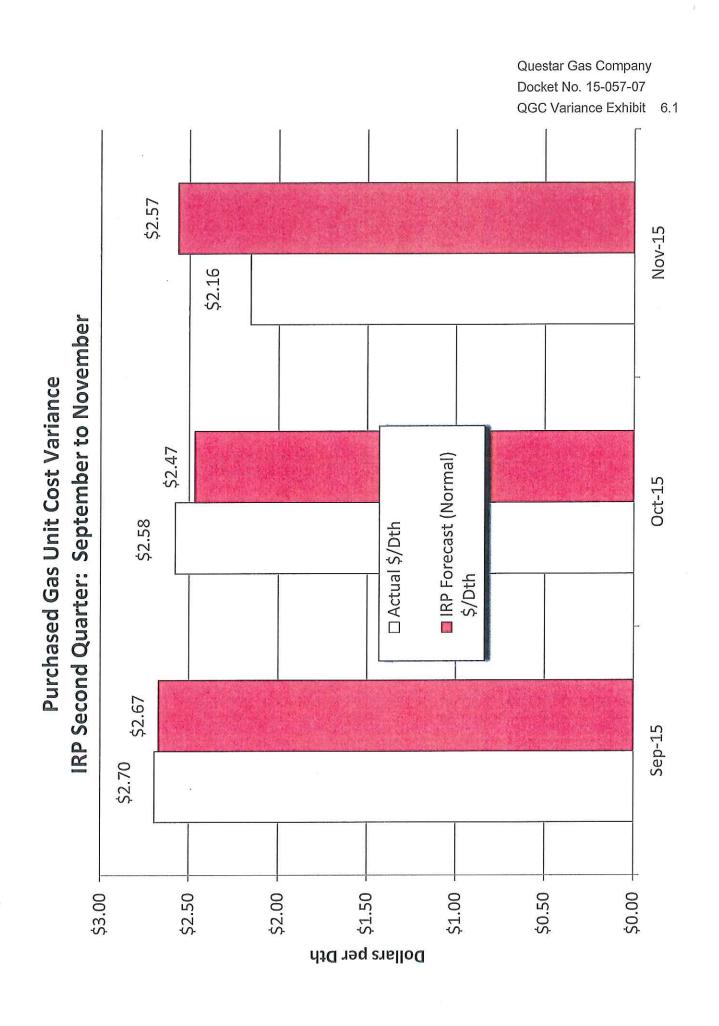
Questar Gas Company
Docket No. 15-057-07
QGC Variance Exhibit 5.2

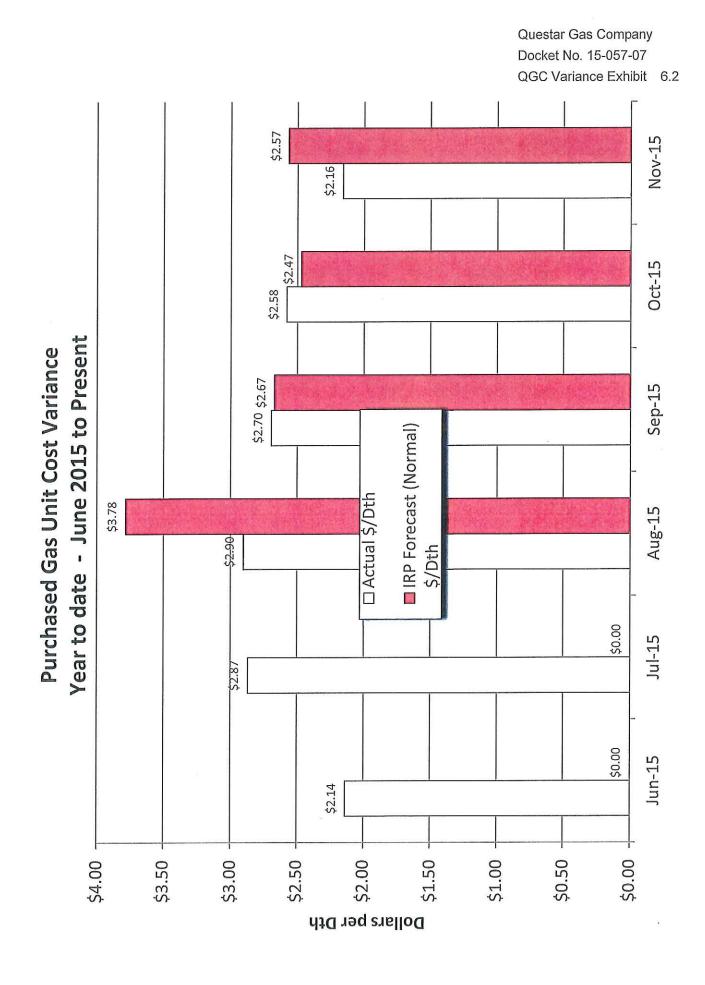




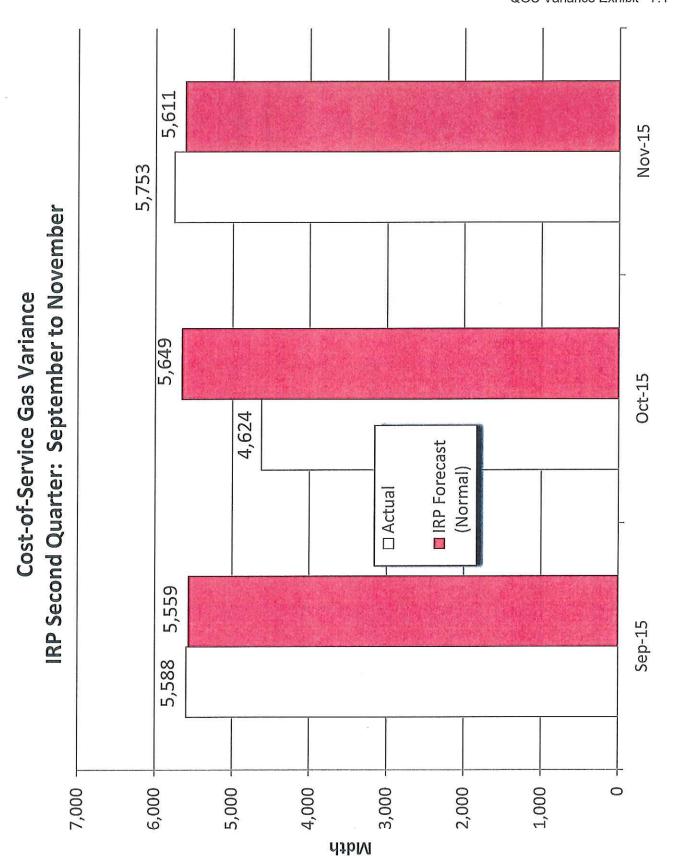
Gas Purchased From Third Parties

Unit Cost Variance Exhibits 6.1 – 6.2 Docket No. 15-057-07

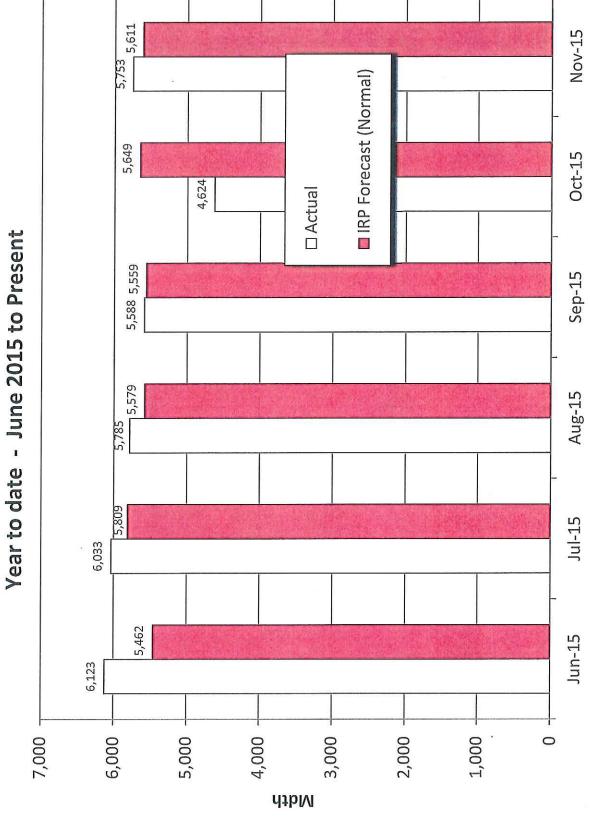




Cost-of-Service Gas Exhibits 7.1 – 7.3 Docket No. 15-057-07

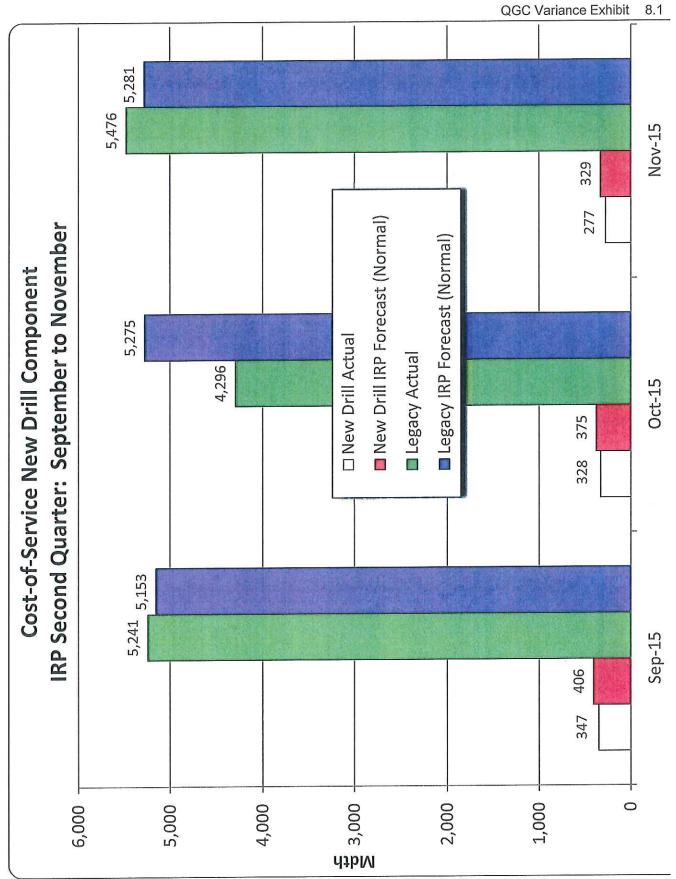


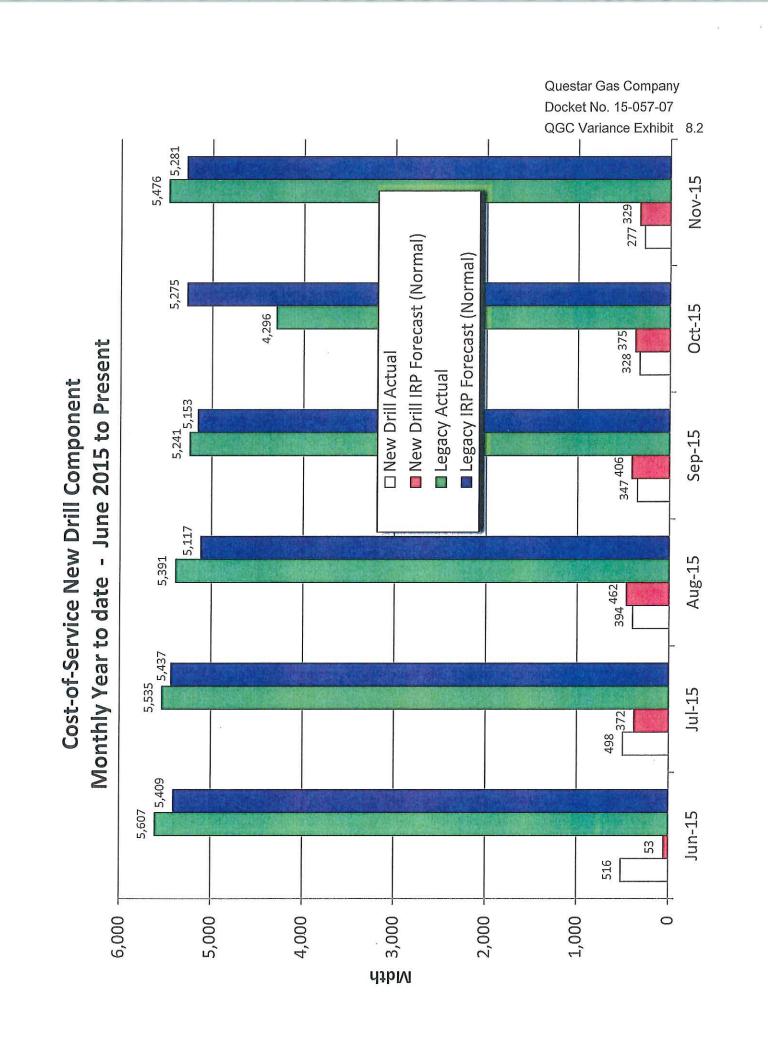
Cost-of-Service Gas Variance Year to date - June 2015 to Prese

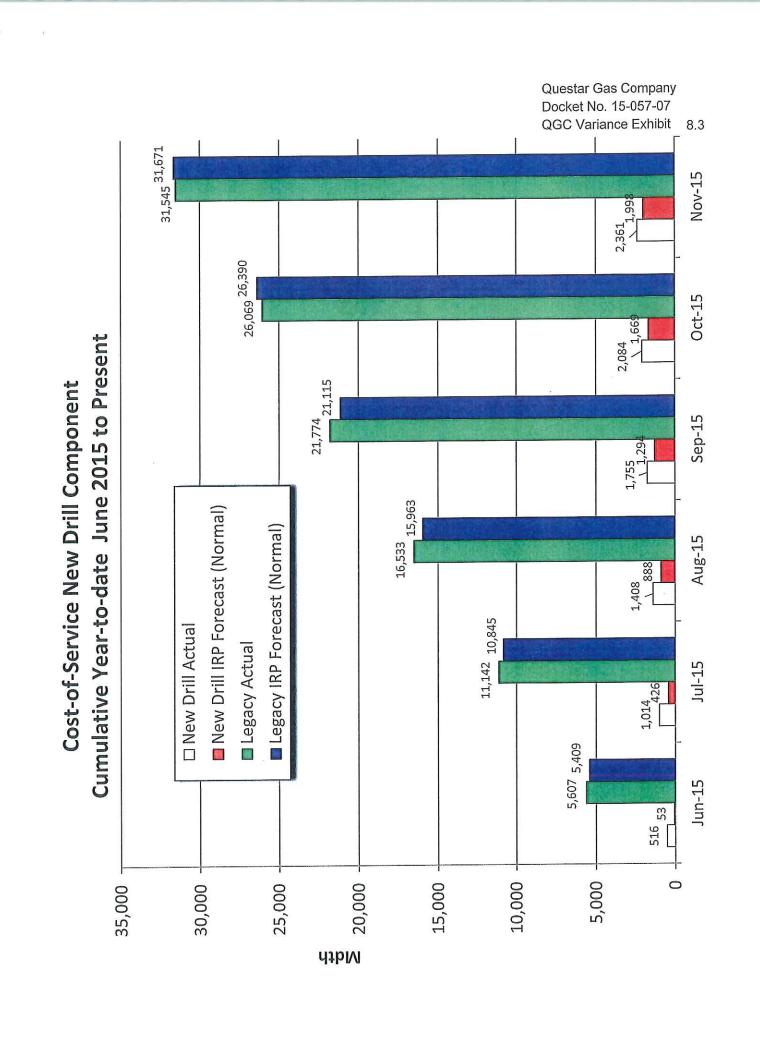


Questar Gas Company

Cost-of-Service Gas
New Drill Component
Exhibits 8.1 – 8.3
Docket No. 15-057-07







Data
Exhibits 9.1 – 9.3
Docket No. 15-057-07
Redacted

Total Production and New Drill by Nomination Group

Total Production and New Drill by Nomination Group

Gas Purchases

Purchase Gas and Cost-of-Service Gas Price Comparison Exhibits 10.1 – 10.2 Docket No. 15-057-07 Redacted

Purchase Gas vs Cost-of-Service Gas Historical

Actual Purchased Gas vs TTM Cost-of-Service Gas IRP Year 2015