

1. Source Identification and Unit Specific Information

1.1. General Source Information

Owner and Operator: Williams Four Corners, LLC

Plant Name: Los Mestenos Compressor Station

Plant location: 24 kilometers northwest of Gavilon, New Mexico

Lat: 36° 27' 11" N Long: 107° 19' 7" W

I get from Google Earth Lat: 36° 27' 03" N Long: 107° 19' 02" W

EPA Region: 6

State: New Mexico

Tribe: Jicarilla Apache

County: Rio Arriba

Reservation: Jicarilla Apache Indian Reservation

Plant mailing address: 188 County Road 4900
Bloomfield, NM 87413

Responsible Official: Glen Jasek
Vice President and General Manager, Four Corners Area
Williams Four Corner, LLC
1755 Arroyo Drive
~~188 County Road, 4900~~
Bloomfield NM 87413
Phone: (505) 632-4628
Email: glen.jasek@williams.com

Plant Contact: Mr. Matt Webre
Environmental Director
1755 Arroyo Drive
~~188 County Road 4900~~
Bloomfield, NM 87413
Phone: (505) 632-4442
Email: matt.webre@williams.com

Standard Industrial Code (SIC) Code: 1389

Former Aerometric Information Retrieval System Facility System Plant ID. No.:
R6NM-04-10R1M1
New Aerometric Information Retrieval System Facility System
Plant ID No.: R6NM-04-11R1

Description of Process: Williams Four Corners, LLC, with SIC Code 1389, is a natural gas compressor station that accepts produced natural gas gathered from various wellheads from the gas field surrounding the facility, and compresses this gas for delivery to natural gas processing facilities. This is done on a contractual basis.

1.2. Source Emission Points

Table 1: Emission Points

Unit No.	Type of Unit Serial No.	Manufacturer Model No. Design Heat Input	Operating Range or Size of Unit	Date of Installation	Primary Use	Control Equipment
1	Turbine SC-7895681	Solar Saturn 1200 10.84 MMBtu/hr	$\frac{1136 \text{ hp}}{1200 \text{ hp}}$	1989 ¹	Compressor drive	None
2	I/C Engine 49-C-200	Caterpillar G-399-TA 7.4 MMBtu/hr (6.9 MMBtu/hr local)	$\frac{598 \text{ hp}}{750 \text{ hp}}$	06/12/90	Compressor drive	None
T-1	Condensate Storage Tank 25428	Permian Tank N/A N/A	490 bbl	Unknown ²	Storage tank	Fixed roof
T-2	Condensate Storage Tank 831-2918	American Tank and Steel N/A N/A	400 bbl	2014	Storage tank	Fixed roof
F-1	Valves, Flanges, Seals, etc. Unknown	N/A	N/A	Unknown	Piping component fugitive emissions	None
SSM	Startup, Shutdown and Maintenance Emissions	N/A	N/A	None	Startup, Shutdown and Maintenance Emissions	None

¹ Per records from original Streamline and General Compressor Permit Application and Notice of Intent to construct, Unit 1 was constructed and shipped by the Gas Co. of NM (GCNM) in July, 1979, but was not installed at Los Mestenos until 1989.

² Manufacture date was 1993.

Table 2: Potential to Emit in Tons per Year (tpy) for Williams Four Corners, LLC, Los Mestenos Compressor Station (See Table 4 for applicable enforceable limitations on PTE. (Only the unregulated PTE are for informational purposes only)

Unit ID.	NOx	VOC	SO2	PM10	CO	Lead	HAP**
1, Solar Saturn 1200 Turbine, NGF	19.3 ¹	0.4 ¹	0.2	0.3	11.4 ¹	Negl.	0.4
2, Caterpillar G-399-TA, NGF Engine	110.2	2.9	Negl.	0.6.	18.3	Negl.	0.3
3, TK-1, Fixed roof storage tank	N/A	84.2	Negl.	Negl.	N/A	N/A	7.9
4, TK-2, Fixed roof storage tank	N/A	2.0	N/A	N/A	N/A	N/A	0.4
5, F-1, FUGVOC	N/A	4.5	N/A	N/A	N/A	N/A	0.1
6, SSM	N/A	14.9	N/A	N/A	N/A	N/A	0.5
TOTALS tpy	129.5 ²	108.9 ²	0.2	0.9	29.7 ²	Negl.	9.6

** - mostly formaldehyde and n-Hexane

¹ Regulated emissions PTE (see Table 4)

² Source-wide PTE as combination of regulated and unregulated source PTEs

NOx - nitrogen oxides

VOC - volatile organic compounds (non-HAP)

SO2 - sulfur dioxide

PM10 - particulate matter with a diameter 10 microns or less

CO - carbon monoxide

HAP - hazardous air pollutants (see CAA Section 112(b))

NGF - natural gas fired