

TECHNICAL REVIEW: E-PERMITS REGISTRATION OIL AND GAS PBR OR STANDARD PERMIT

Permit No.:	74557	Company Name:	Crosstex North Texas Gathering	APD Reviewer:	Amanda Berry
Project No.:	178334	Tech Project Name:	Casto Compressor Station	106.352 Level No.	2
Reg. Rec'd Date	5/25/12	City	Ponder	County	Denton
Transfer Date	8/21/12	Regulated Entity#	RN104488358	Customer #	CN603079856

GENERAL AND CONTACT INFORMATION					
Lease Name (if known)	Casto Compressor Station	API/Well #		Other ID	
Location	FROM HWY 156 IN PONDER GO APPROX 1.3 MI EAST ON HWY 2449 TURN SOUTH ON S FLORENCE RD CONTINUE 1.45 MILES AND TURN LEFT ONTO PRIVATE RD EAST THEN SOUTH ABOUT 3800 FT TO SITE				
Primary Contact Name	Mr. Dean Mueller Director of Operations	Email (Req'd)	ehsdept@crosstexenergy.com	Phone #	(214) 953-9500
Technical /Consultant	Ms. Michelle Mora Gonzales	Email	Michelle.mora-gonzales@crosstexenergy.com	Phone #	(214) 721-9421

SCREENING CRITERIA	YES	N O	DETAILS	SCREENING CRITERIA	YES	NO	DETAILS
Certified?	X			Notify Rec'd?	X		Date:5/24/12
Operational limits?	X			Within 90-180 days?	X		Project #:178298
Controls?	X			Is the site in Barnett-Shale?	X		
Compliance issues?		X		Site in nonattainment area?		X	
Fed. or State Reg.?	X		MACT ZZZZ MACT HH NSPS JJJJ Chapter 111 Chapter 117	Other affected air permit/registration?		X	#
Major /Modif. /Netting?		X		New or Existing site?	X		Existing
Planned MSS included?	X			Have all existing affected sources been considered in the scope?	X		
Confirm Level claimed?	X						
List attachment Doc # profiled in Doc Mgmt System				List attachment Doc # profiled in Doc Mgmt System Indicate all documents provided with submittal. Profile preference all combined documents. If not combined, list individually.			
Notification Copy of Record	X		443184	All other Docs combined (pdf)			
Registration Copy of Record	X		443185	State/Fed. Regs.?	X		
Emissions calculations?	X			Netting info?		X	
TCEQ Spreadsheet? (pdf)		X	Doc #: Version #:	Equip. tables, manuf. info, specs. controls?	X		
Other calcs.? (pdf)	X			Site map?	X		
Actual gas analysis?	X		If No, complete below	Process flow/descrip.?	X		
Extended (incl. benzene)?	X			Calc. support programs?	X		
Actual liquid analysis?			If No, complete below	ProMax, HYSIS, etc.?		X	
Extended (incl. benzene)?				Liquid analysis?		X	
Actual flash analysis?			If No, complete below	Gas analysis?	X		
Extended (incl. benzene)?				Flash analysis?			
H ₂ S included in all analysis?		X		Impact tables, screen, etc.?	X		
Impacts review required?	X	X	Method(s): Screen 3	Other:			
Modeling? (zip)							

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Representative Analysis Protocol Summary Review (indicate Yes/No or list Details)				Emission Calculations Guidance Summary Review			
Description	Gas	Liquid	Flash	Description	Yes	No	Description
Same producing field & reservoir/formation?				All project sources in emission spreadsheet?	X		
Same number and stages of separation, sweetening, and dehydration?				Liquid and gas analysis match the emissions spreadsheet?	X		
API gravity within +/- 3 degrees?				Project Description throughputs match inputs for calculations?	X		
Similar separator operating pressures, ±25 psi and temperatures ±50°C?				Engines/turbines controls used and relied upon? Manuf./vendor info match inputs for calculations?	X		
Natural gas site with associated liquid hydrocarbons (API >40)?				Are VOC or H ₂ S controls exceeding baseline? (Flare 98%, VRU 95%, Vapor Comb 90%, Reboiler 50%)		X	
Oil site (API gravity ≤40) with assoc. gases?				Emissions less than:			
Dry natural gas (less than 2 bbl of liquid per MMscf of natural gas)?				10 tpy VOC		X	
If sour site, tested for H ₂ S at actual site?				40 tpy NO _x	X		
				50 tpy CO	X		
				10 tpy SO ₂	X		
				0.025 lb/hr or 0.11 tpy H ₂ S	X		
				0.039 lb/hr or 0.17 tpy benzene		X	0.17 tpy

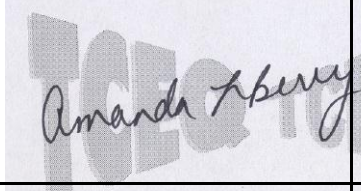
Insert Emissions Summary Table (from TCEQ Spreadsheet) here or complete the following table:

ESTIMATED EMISSIONS															
EPN / Emission Source	Specific VOC or Other Pollutants	VOC		NO _x		CO		PM ₁₀		PM _{2.5}		SO ₂		Other	
		lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy
C-101 (Engine)		0.65	2.85	1.04	4.56	3.75	16.43	0.07	0.31	0.07	0.31	0.01	0.04	0.29	1.27
C-102 (Engine)		0.65	2.85	1.04	4.56	3.75	16.43	0.07	0.31	0.07	0.31	0.01	0.04	0.29	1.27
C-103 (Engine)		0.76	3.33	1.52	6.66	6.08	26.63	0.10	0.44	0.10	0.44	0.01	0.04	0.33	1.45
C-104 (Engine)		0.62	2.72	1.48	6.48	1.12	4.91	0.10	0.4	0.10	0.44	0.1	0.04	0.15	0.66
C-105 (Engine)		1.25	5.48	1.96	8.58	3.91	17.13	0.12	0.53	0.12	0.53	0.01	0.04	0.55	2.41
FUG-1 (Fugitives)		0.54	2.37												
T-1 (Water Tank)		0.02	0.04												
T-2 (Water Tank)		0.02	0.04												
TANKS (Site tanks)		<0.01	<0.01												
:RK-1 (Loading)		0.34	0.02												
GLYREB1 (Heater)		<0.01	0.01	0.05	0.22	0.04	0.18	<0.01	0.02	<0.01	0.02	<0.01	<0.01	<0.01	<0.01
GLYREB2 (Heater)		0.01	0.04	0.10	0.44	0.08	0.35	0.01	0.04	0.01	0.04	<0.01	<0.01	<0.01	<0.01
GLYREB1 (dehy)		0.44	0.97												
GLYREB2 (dehy)		1.02	2.25												
BDSV (MSS)		3.73	1.66												
TOTAL EMISSIONS (LBS/HR AND TPY):			24.63		31.50		82.06		2.08		2.08		0.20		7.06
		Hours/Day		Days/Week		Weeks/Year		Hours/Year						8760	

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COMMUNICATION LOG			
Date	Time	Name/Company	Subject of Communication
9/7/12	AM		No delinquent fees associated with company.

SUMMARY	YES	NO	COMMENTS
Reviewer recommends detailed evaluation?		X	Why or Why Not? Meets rule requirements.
Technical Summary Doc	446477	Letter Doc #	Other:
Manager Action: Confirm Registration Now? <input type="checkbox"/> Yes Assign for Detailed Evaluation? <input type="checkbox"/> Yes			

PROJECT SIGN-OFF	TECHNICAL REVIEWER	PEER REVIEWER	FINAL REVIEWER
SIGNATURE:			See hard copy.
PRINTED NAME	Ms. Amanda Berry		Ms. Anne Inman, P.E., Manager
DATE:	September 7, 2012		March 23, 2012
	Points	3.0	Points:

POST REVIEW PROCESSING			
EMAIL SENT DATE		ASSIGNED TO	
EMAIL SENT BY		TRANSFERRED BY/DATE	