



# RAILROAD COMMISSION OF TEXAS

## HEARINGS DIVISION

**OIL AND GAS DOCKET NO. 05-0297497**

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**THE APPLICATION OF XTO ENERGY, INC. TO AMEND FIELD RULES  
FOR EXCEPTION TO STATEWIDE RULE 28 AND RULE 55 REQUIRING SEMI-  
ANNUAL G-10 TESTS & GAS WELL COMMINGLING REPORTS BEFORE  
METERING, TRI-CITIES (COTTON VALLEY) FIELD, HENDERSON COUNTY,  
TEXAS**

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**OIL AND GAS DOCKET NO. 05-0297499**

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FOR EXCEPTION TO STATEWIDE RULE 28 AND RULE 55 REQUIRING SEMI-  
ANNUAL G-10 TESTS & GAS WELL COMMINGLING REPORTS BEFORE  
METERING, TRI-CITIES (TRAVIS PEAK LOWER) FIELD, HENDERSON COUNTY,  
TEXAS**

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**OIL AND GAS DOCKET NO. 05-0297500**

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FOR EXCEPTION TO STATEWIDE RULE 28 AND RULE 55 REQUIRING SEMI-  
ANNUAL G-10 TESTS & GAS WELL COMMINGLING REPORTS BEFORE  
METERING, TRI-CITIES (PETTIT) FIELD, HENDERSON COUNTY, TEXAS**

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**HEARD BY:** Richard Eyster, P.G. – Technical Examiner  
John Dodson – Legal Examiner

**HEARING DATE:** September 28, 2015  
**RECORD CLOSED:** September 28, 2015  
**CONFERENCE DATE:** November 17, 2015

**APPEARANCES:****REPRESENTING:****APPLICANT:**

Andres Trevino

XTO Energy, Inc.

**EXAMINERS' REPORT AND RECOMMENDATION****STATEMENT OF THE CASE**

The Tri-Cities (Cotton Valley), Tri-Cities (Travis Peak Lower), and the Tri-Cities (Pettit) Fields (The Fields) are all classified as non-associated fields. In other words, the subject fields contain only gas wells. The Field's allocation formula was suspended (*i.e.*, Absolute Open Flow, or AOF status) by the Commission in 1996. XTO Energy, Inc. (XTO) seeks exceptions to 16 Tex. Admin. Code §3.28(b) ("Statewide Rule 28(b)"), which requires semi-annual G-10 deliverability tests for all gas wells in a non-associated gas field after the respective gas well's initial G-10 deliverability test has been performed.

Specifically, XTO requests that all wells that produce more than 100 MCFPD in the Tri-Cities Cotton Valley, Travis Peak Lower, and the Pettit Fields will require annual G-10 testing and the filing of Form G-10 once per year. For wells that produce less than 100 MCFPD are exempt from all Statewide Rule 28 G-10 testing requirements and all Statewide Rule 55 requirements.

The subject application is unopposed. XTO was the sole party at the hearing, where evidence was presented through direct testimony of its expert witness, along with written exhibits, were entered into the record. After full consideration of the record evidence, the Examiners recommend that the relief sought by XTO in the instant case be granted.

**DISCUSSION OF THE EVIDENCE**

Mr. Andres Trevino, a consulting engineer, testified on behalf of XTO as an expert in petroleum engineering.

Titled "Potential and Deliverability of Gas Wells To Be Ascertained and Reported," Statewide Rule 28 ("SWR 28") generally states that certain information must be submitted to determine the absolute daily open flow potential (*i.e.*, deliverability) of each producing gas well (associated and nonassociated) after initial completion. After the well's initial deliverability test has been conducted, the well is required to follow a particular G-10 testing schedule. However, certain exceptions are available. For instance, SWR 28(c) states:

Unless applicable special field rules provide otherwise or the director of the oil and gas division or the director's delegate authorizes an alternate procedure due to a well's producing characteristics, deliverability shall be performed as follows.

[...]

Exceptions and extensions to the timing requirements for deliverability tests and shut-in wellhead pressure tests may be granted by the Commission for *good cause* (emphasis added).

In general, an allocation formula is designed to prevent waste and protect correlative rights by fairly distributing the available market for production from the reservoir.<sup>1</sup> The subject fields are classified as non-associated, and each field's allocation formula is suspended. Thus, rendering the subject fields as AOF status.

In other words, the Commission has determined at a prior date that there is a 100% market demand for all gas produced from the subject fields; therefore, all gas wells in each field have been authorized to produce as much hydrocarbon gas as each well is capable of delivering to market.

Titled "Reports on Gas Wells Commingling Liquid Hydrocarbons before Metering" Statewide Rule §3.55 ("SWR 55") generally states that when the full well stream from a gas well is moved to a plant or central separation facilities, and the liquid hydrocarbons produced by two or more wells are commingled without being measured or metered from each gas well, the operator of each well so producing shall periodically file with the commission, as provided for in this section, a report showing the following information for each well: certain information must be submitted to the Commission. The report shall be made semiannually or quarterly if contracts for royalty payments require quarterly tests. XTO is requesting that all wells that produce more than 100 MCFPD in the Tri-Cities Cotton Valley, Travis Peak Lower, and the Pettit Fields will require annual G-10 testing and the filing of Form G-10 once per year. For wells that produce less than 100 MCFPD are exempt from all Statewide Rule 28 G-10 testing requirements and all Statewide Rule 55 requirements.

XTO submitted an excerpt of the Commission's publication titled, "Permitting & Production Services Filing Procedures Manual" (the "Manual"). Mr. Trevino testified that the Manual provides guidance on how the Commission determines a gas well's capability (*i.e.*, deliverability), which is done by taking the less of either the well's most recent G-10 deliverability test or its highest production within the last 3 month period. Mr. Trevino testified that when a Commission-designated field is classified as AOF status the G-10 deliverability test is unnecessary because each gas well is essentially producing its deliverability each month. In other words, if a field is designated as AOF status then the G-10 deliverability test is not needed because it is assumed that each gas well is producing its full capacity of gas each month (*i.e.* its deliverability).

In the immediate cases, the Tri-Cities Fields are considered to be in "terminal decline" and have had declining production since the 1960's. XTO is concerned that shutting in the wells in these fields for semi-annual testing will kill the wells and it will be uneconomical to recover production from these wells.

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<sup>1</sup> Commission's *Discussions of Law, Practice, and Procedure*, Part I, Subsection F.

XTO requests that all wells that produce more than 100 MCFPD in the Tri-Cities Cotton Valley, Travis Peak Lower, and Pettit Fields will require annual G-10 testing and the filing of Form G-10 once per year. For wells that produce less than 100 MCFPD are exempt from all Statewide Rule 28 G-10 testing requirements and all Statewide Rule 55 requirements.

XTO submitted copies of prior Commission Final Orders involving the subject fields where exception to the semi-annual requirement has been granted.<sup>1</sup> In Oil and Gas Final Order 06-0281776, each well in the subject fields was granted authority to perform G-10 deliverability tests annually, so long as the respective field is classified as AOF status. In the instant cases, XTO believes it has shown good cause to grant its requested relief.

### **FINDINGS OF FACT**

1. XTO Energy, Inc. seeks exception for the Tri-Cities (Cotton Valley), Tri-Cities (Travis Peak-Lower), and the Tri-Cities (Pettit) Fields pursuant to Statewide Rule 28(b) [16 Tex. Admin. Code §3.28(b)].
2. All operators in the subject fields were provided notice of the subject applications.
3. XTO requests that all wells that produce more than 100 MCFPD in the Tri-Cities Cotton Valley, Travis Peak Lower, and Pettit Fields will require annual G-10 testing and the filing of Form G-10 once per year. For wells that produce less than 100 MCFPD are exempt from all Statewide Rule 28 G-10 testing requirements
4. The subject fields are currently classified as Absolute Open Flow status.
5. Requiring semi-annual G-10 deliverability tests is not necessary while the subject fields' are in AOF.
6. XTO is requesting the Rule 55 reporting requirement be canceled for all wells producing less than 100 MCF/D.
7. XTO has shown good cause for its requested exceptions to Statewide Rules 28(b) and Statewide Rule 55.
8. Approval of the application is reasonable and appropriate, pursuant to Statewide Rule 28(b).

### **CONCLUSIONS OF LAW**

1. Resolution of the subject application is a matter committed to the jurisdiction of the Railroad Commission of Texas – Tex. Nat. Res. Code §81.051.
2. Legally sufficient notice has been provided to all affected persons.

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<sup>1</sup> Oil & Gas Final Order 06-0281776.

3. Exception for the Tri-Cities (Cotton Valley), Tri-Cities (Travis Peak-Lower), and the Tri-Cities (Pettit) Fields, pursuant to Statewide Rule 28(b) [16 Tex. Admin. Code §3.28(b)] and [16 Tex. Admin. Code §3.55(b) (2)] will prevent waste and protect correlative rights.

**EXAMINERS' RECOMMENDATION**

Based on the above findings of fact and conclusions of law, the examiners recommend that the G-10 deliverability testing requirement for all gas wells producing less than 100 MCF/D be stopped and G-10 testing changed from semi-annual to annual for all wells producing more than 100 MCF/D but less than 250 MCF/D and the filing of Form G-10 once per year and Rule 55 testing requirement be canceled for all wells producing less than 100 MCF/D.

Respectfully submitted,



Richard Eyster, P.G.  
Technical Examiner



John Dodson  
Legal Examiner