

**RAILROAD COMMISSION OF TEXAS
OFFICE OF GENERAL COUNSEL
HEARINGS SECTION**

**OIL AND GAS DOCKET
NO. 10-0253876**

**IN THE BUFFALO WALLOW
(GRANITE WASH) FIELD, WHEELER
AND HEMPHILL COUNTIES, TEXAS**

**FINAL ORDER
AMENDING FIELD RULES FOR THE
BUFFALO WALLOW (GRANITE WASH) FIELD
WHEELER AND HEMPHILL COUNTIES, TEXAS**

The Commission finds that after statutory notice in the above-numbered docket heard on December 6, 2007, the presiding examiner's have made and filed a report and recommendation containing findings of fact and conclusions of law, for which service was not required; that the proposed application is in compliance with all statutory requirements; and that this proceeding was duly submitted to the Railroad Commission of Texas at conference held in its offices in Austin, Texas.

The Commission, after review and due consideration of the examiner's report and recommendation, the findings of fact and conclusions of law contained therein, hereby adopts as its own the findings of fact and conclusions of law contained therein, and incorporates said findings of fact and conclusions of law as if fully set out and separately stated herein.

Therefore, it is ordered by the Railroad Commission of Texas that the application of Cimarex Energy Co. to amend the field rules for the Buffalo Wallow (Granite Wash) Field, adopted in Final Order No. 10-0242561, effective May 24, 2005, as amended, is hereby approved.

The field rules for the Buffalo Wallow (Granite Wash) Field, as amended, are as follows:

RULE 1: The entire correlative interval from 10,925 feet to 13,842 feet as shown on the log of the Holland "C" Well No. 2057 (now Well No. 5712), API No. 42-211 31484, Section 57, Block M1, H & GN RR Co. Survey, Hemphill County, Texas, shall be designated as a single reservoir for proration purposes and be designated as the Buffalo Wallow (Granite Wash) Field.

RULE 2: No well for oil or gas shall hereafter be drilled nearer than FOUR HUNDRED AND SIXTY-SEVEN (467) feet to any property line, lease line, or subdivision line and no between well spacing. The aforementioned distance is a minimum distance to allow an operator flexibility in locating a well, and the other rules to follow are for the purpose of permitting wells to each drilling and base proration unit. Provided however, that the Commission will grant exceptions to permit drilling within shorter distances and drilling

more wells than herein prescribed whenever the Commission shall have determined that such exceptions are necessary either to prevent waste or to prevent the confiscation of property. When exception to these rules is desired, application therefor shall be filed and will be acted upon in accordance with the provisions of Commission Statewide Rules 37 and 38, which applicable provisions of said rules are incorporated herein by reference.

In applying this rule, the general order of the Commission with relation to the subdivision of property shall be observed.

RULE 3a: The acreage assigned to the lease or pooled unit is for the purpose of allocating allowable gas production to the wells within the base proration unit. The standard drilling and proration units are established hereby to be SIX HUNDRED AND FORTY (640) acres. No proration unit shall consist of more than SIX HUNDRED AND FORTY (640) acres; provided that, tolerance acreage of ten (10) percent shall be allowed for each standard proration unit so that an amount not to exceed a maximum of SEVEN HUNDRED AND FOUR (704) acres may be assigned. The two farthestmost points in any proration unit shall not be in excess of NINE THOUSAND (9,000) feet removed from each other. Each proration unit containing less than SIX HUNDRED AND FORTY (640) acres shall be a fractional proration unit. All proration units shall consist of continuous and contiguous acreage which can reasonably be considered to be productive of gas. No double assignment of acreage will be accepted.

Operators shall file with the Commission certified plats of their properties in said field, which plats shall set out distinctly all of those things pertinent to the determination of the acreage credit claimed for the lease or pooled unit; provided that if the acreage assigned to any proration unit has been pooled, the operator shall furnish the Commission with such proof as it may require as evidence that interests in and under such proration unit have been so pooled.

RULE 3b: The acreage assigned to the individual oil well for the purpose of allocating allowable oil production thereto shall be known as a proration unit. The standard drilling and proration units are established hereby to be FORTY (40) acres. No proration unit shall consist of more than FORTY (40) acres except as hereinafter provided. The two farthestmost points in any proration unit shall not be in excess of TWO THOUSAND ONE HUNDRED (2100) feet removed from each other; provided however, that in the case of long and narrow leases or in cases where because of the shape of the lease such is necessary to permit the utilization of tolerance acreage the Commission may after proper showing grant exceptions to the limitations as to the shape of proration units as herein contained. All proration units shall consist of continuous and contiguous acreage which can reasonably be considered to be productive of oil.

If after the drilling of the last well on any lease and the assignment of acreage to each well thereon in accordance with the regulations of the Commission there remains an additional unassigned acreage of less than TWENTY (20) acres, then and in such event the remaining unassigned acreage up to and including a total of TWENTY (20) acres may be assigned as tolerance acreage to the last well drilled on such lease, or may be distributed among any group of wells located thereon so long as the proration units resulting from the inclusion of such additional acreage meet the limitations prescribed by

the Commission.

Operators shall file with the Commission certified plats of their properties in said field, which plats shall set out distinctly all of those things pertinent to the determination of the acreage credit claimed for each well; provided that if the acreage assigned to any proration unit has been pooled, the operator shall furnish the Commission with such proof as it may require as evidence that interests in and under such proration unit have been so pooled.

An operator, at his option, shall be permitted to develop a lease or pooled unit to a density that does not exceed one producing well for each twenty (20) productive acres, within the limits of the lease or pooled unit. A base proration unit plat shall only be required to show the location of wells without the need of outlining a proration unit boundary for each well completed on the lease or pooled unit.

RULE 4: For oil and gas wells, Stacked Lateral Wells within the correlative interval for the field that are drilled from different wellbores may be considered a single well for regulatory purposes, as provided below:

1. A horizontal drainhole well qualifies as a Stacked Lateral Well under the following conditions:
 - a) There are two or more horizontal drainhole wells on the same lease or pooled unit within the correlative interval for the field;
 - b) Horizontal drainholes are drilled from at least 2 different surface locations on the same lease or pooled unit;
 - c) There shall be no more than 200 feet between the surface locations of horizontal drainholes qualifying as a Stacked Lateral Well.
 - d) Each point of a Stacked Lateral Well's horizontal drainhole shall be no more than 300 feet in a horizontal direction from any point along any other horizontal drainhole of that same Stacked Lateral Well. This distance is measured perpendicular to the orientation of the horizontal drainhole and can be illustrated by the projection of each horizontal drainhole in the Stacked Lateral Well into a common horizontal plane as seen on a location plat; and
 - e) There shall be no maximum or minimum distance limitations between horizontal drainholes of a Stacked Lateral Well in a vertical direction.
2. A Stacked Lateral Well, including all surface locations and horizontal drainholes comprising such Stacked Lateral Well, shall be considered as a single well for density and allowable purposes.
3. Each surface location of a Stacked Lateral Well must be permitted separately and assigned an API number. In permitting a Stacked Lateral Well, the operator shall identify each surface location of such well with the designation "SL" in the well's lease name and also describe the well as a Stacked Lateral Well in the "Remarks" of the Form W-1 drilling permit application. The operator shall also identify on the plat any other existing, or applied for, horizontal drainholes

comprising the Stacked Lateral Well being permitted.

4. To be a regular location, each horizontal drainhole of a Stacked Lateral Well must comply with (i) the field's minimum spacing distance as to any lease, pooled unit or property line, and (ii) the field's minimum between well spacing distance as to any different well, including all horizontal drainholes of any other Stacked Lateral Well, on the same lease or pooled unit in the field. Operators may seek exceptions to Rules 37 and 38 for Stacked Lateral Wells in accordance with the Commission's rules.

5. Operators shall file separate completion forms for each surface location of the Stacked Lateral Well. Operators shall also file a certified as-drilled location plat for each surface location of a Stacked Lateral Well showing each horizontal drainhole from that surface location, confirming the well's qualification as a Stacked Lateral Well and showing the maximum distances in a horizontal direction between each horizontal drainhole of the Stacked Lateral Well.

6. In addition to the completion forms for each surface location of a Stacked Lateral Well, the operator must file a separate Form G-1 or Form W-2 for record purposes only for the Commission's Proration Department to build a fictitious "Record Well" for the Stacked Lateral Well. This Record Well will be identified with the words "SL Record" included in the lease name. This Record Well will be assigned an API number and Gas Well ID or Oil lease number and listed on the proration schedule with an allowable if applicable.

7. In addition to the Record Well, each surface location of a Stacked Lateral Well will be listed on the proration schedule, but no allowable shall be assigned for an individual surface location. Each surface location of a Stacked Lateral Well shall be required to have a separate G-10 or W-10 test and the sum of all horizontal drainhole test rates shall be reported as the test rate for the Record Well.

8. Operators shall report all production from horizontal drainholes included as a Stacked Lateral Well on Form PR to the Record Well. Production reported for a Record Well is the total production from the horizontal drainholes comprising the Stacked Lateral Well. Operators shall measure the production from each surface location of a Stacked Lateral Well. Operators may measure full well stream with the measurement adjusted for the allocation of condensate based on the gas to liquid ratio established by the most recent G-10 well test rate for that surface location. The gas and condensate production will be identified by individual API number and recorded and reported on the "Supplementary Attachment to Form PR" adopted per this docket and attached to this Order.

9. If the field's 100% AOF status should be removed, the Commission's Proration Department shall assign a single gas allowable to each Record Well classified as a gas well. The Commission's Proration Department shall also assign a single oil allowable to each Record Well classified as an oil well. The assigned allowable may be produced from any one or all of the horizontal drainholes comprising the Stacked Lateral Well.

10. Operators shall file an individual Form W-3A Notice of Intention to Plug and Abandon and Form W-3 Form Plugging Report for each horizontal drainhole comprising the Stacked Lateral Well as required by Commission rules.

11. An operator may not file Form P-4 to transfer an individual surface location of a Stacked Lateral Well to another operator. P-4's filed to change the operator will only be accepted for the Record Well if accompanied by a separate P-4 for each surface location of the Stacked Lateral Well.

RULE 5a: The daily allowable production of gas from individual wells completed in a non-associated gas reservoir of the subject field shall be determined by allocating the allowable production, after deductions have been made for wells which are incapable of producing their gas allowables, among the individual wells in the following manner:

FIVE percent (5%) of the total field allowable shall be allocated equally among the proratable wells in the field.

NINETY-FIVE percent (95%) of the total field allowable shall be allocated among the individual wells in the proportion that the deliverability of such well, as evidenced by the most recent G-10 test filed with the Railroad Commission bears to the summation of the deliverability of all proratable wells producing from this field.

RULE 5b: The daily allowable for each individual well in the subject field shall be 262 barrels of oil per day and/or determined by the sum total of the following two values:

Each well shall be assigned an allowable equal to its potential based on the most recent W-10 test filed with the Commission multiplied by 95%, provided that this value does not exceed the top allowable established for well above.

The daily per well allowable shall be determined by multiplying 5% by the maximum daily allowable above.

It is further ordered that the allocation formula in the Buffalo Wallow (Granite Wash) Field will remain suspended. The allocation formula may be reinstated administratively, in accordance with the Commission's rules, if the market demand for gas in the Buffalo Wallow (Granite Wash) Field drops below 100% of deliverability.

Done this 18th day of December, 2007.

RAILROAD COMMISSION OF TEXAS

**(Order approved and signatures affixed by
OGC Unprotested Master Order dated
December 18, 2007)**