

Worksheet for Drilling/Operating Permits

Corpora Farms – Wells 1-13

Corpora Farms seeks Drilling/Operating permits for the purpose of:

- **Agricultural Use** – Irrigation of field crops, livestock watering, farming operations
- **Industrial Use**
- **Commercial Use**
- **Municipal Use**
- **Public Water Supply**

Proposed Well 1 (BVDO-0341):

Located at: N 30.967123° W 96.681905° 0.42 miles E of the intersection of Wildcat Bridge Road and FM 1644 in Robertson County.

Proposed Well 2 (BVDO-0342):

Located at: N 30.930936° W 96.703584° 0.97 miles WNW of the intersection of Barton Farm Road and FM 1644 in Robertson County.

Proposed Well 3 (BVDO-0343):

Located at: N 30.931603° W 96.720836° 2.36 miles SW of the intersection of FM 1644 and New Magnolia Church Road in Robertson County.

Proposed Well 4 (BVDO-0344):

Located at: N 30.934607° W 96.709457° 1.37 miles WNW of the intersection of Barton Farm Road and FM 1644 in Robertson County.

Proposed Well 5 (BVDO-0345):

Located at: N 30.939189° W 96.647752° 0.71 miles NW of the intersection of Red Hill Road and Providence Road in Robertson County.

Proposed Well 6 (BVDO-0346):

Located at: N 30.928505° W 96.667226° 1.65 miles W of the intersection of Red Hill Road and Providence Road in Robertson County.

Proposed Well 7 (BVDO-0347):

N 30.941075° W 96.664942° 1.23 miles WNW of the intersection of Red Hill Road and Providence Road in Robertson County.

Proposed Well 8 BVDO-0348):

Located at: N 30.862142° W 96.648896° 1.10 miles SSW of the intersection of John Reistino Road and FM 485 in Robertson County.

Proposed Well 9 (BVDO-0349):

Located at: N 30.866236° W 96.641341° 0.83 miles SSE of the intersection of John Reistino Road and FM 485 in Robertson County.

Max. Annual Production:	Well 1	1,290 acre feet/yr
	Well 2	1,370 acre feet/yr
	Well 3	2,093 acre feet/yr
	Well 4	1,370 acre feet/yr
	Well 5	1,449 acre feet/yr
	Well 6	3,542 acre feet/yr
	Well 7	1,449 acre feet/yr
	Well 8	2,174 acre feet/yr
	Well 9	2,174 acre feet/yr
	Well 10	885 acre feet/yr
	Well 11	885 acre feet/yr
	Well 12	1,288 acre feet/yr
	Well 13	1,288 acre feet/yr

This application meets all of the specifications listed in BVGCD Rule 7.1 (c) regarding production-based acreage. Below is the formula used to calculate and verify the applicant's compliance and was applied to each of the wells listed below:

Formula

acre feet/year x .62 = gpm on an average annual basis

Annual Average gpm x 1'/gpm for Simsboro wells = radius from the wellhead

radius x radius x 3.14 = square feet around the well

Square feet around well/43,560 = **contiguous acres to be assigned to the well.**

Well	Acre feet/year	Contiguous Acres Assigned
Well 1	1290	46.11
Well 2	1370	52.01
Well 3	2093	121.38
Well 4	1370	52.01
Well 5	1449	58.18
Well 6	3542	347.63
Well 7	1449	58.18
Well 8	2174	130.96
Well 9	2174	130.96
Well 10	885	21.70
Well 11	885	21.70
Well 12	1288	45.97
Well 13	1288	45.97

These are multi-use permits for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Each well will be metered separately. The purpose of use from each well will be metered and reported separately.

The footprint of each of the wells lies entirely within the property controlled by the applicant.

This application is administratively complete.

It is the recommendation of the General Manager to approve the twelve (12) permits as presented.