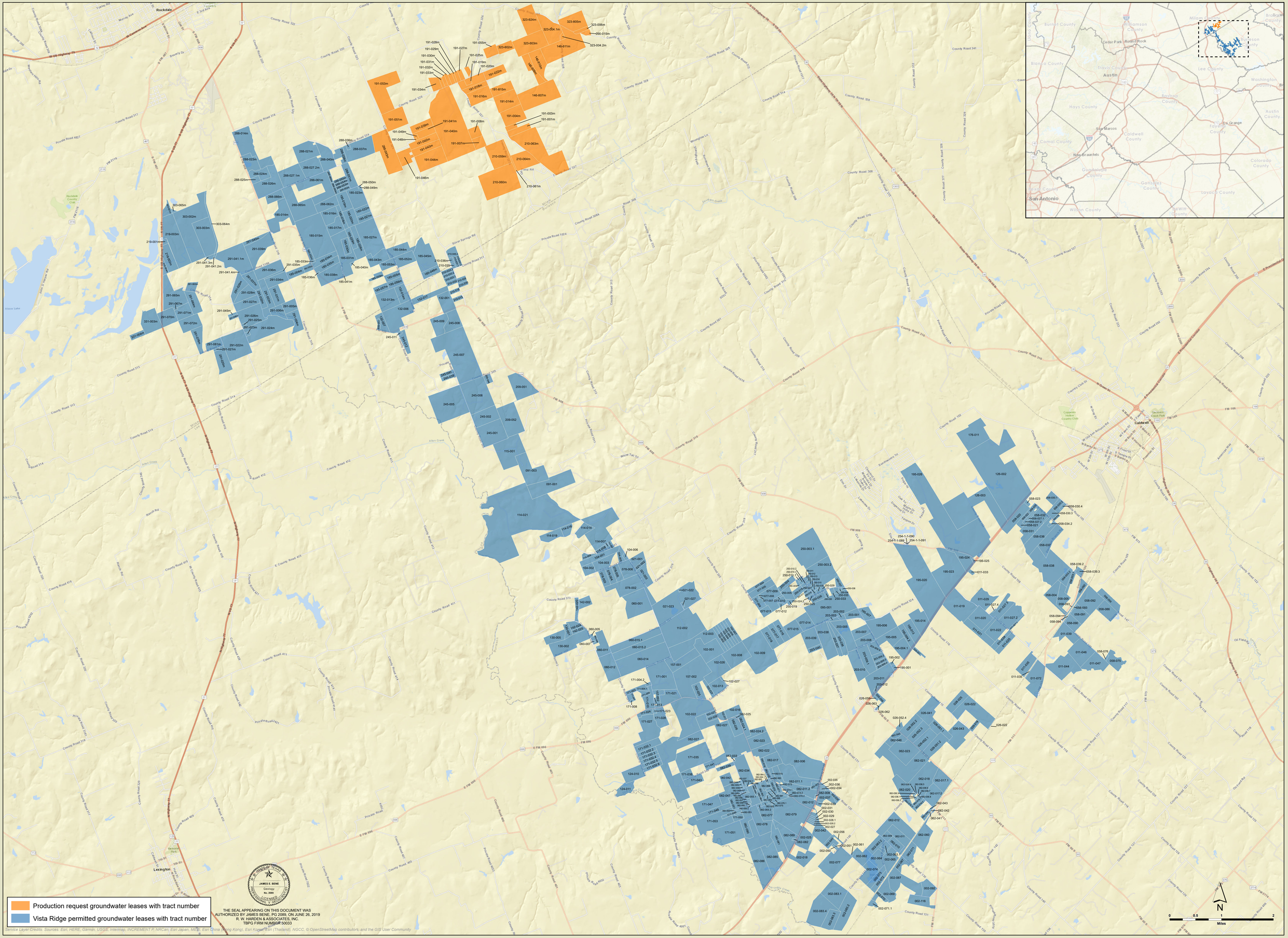
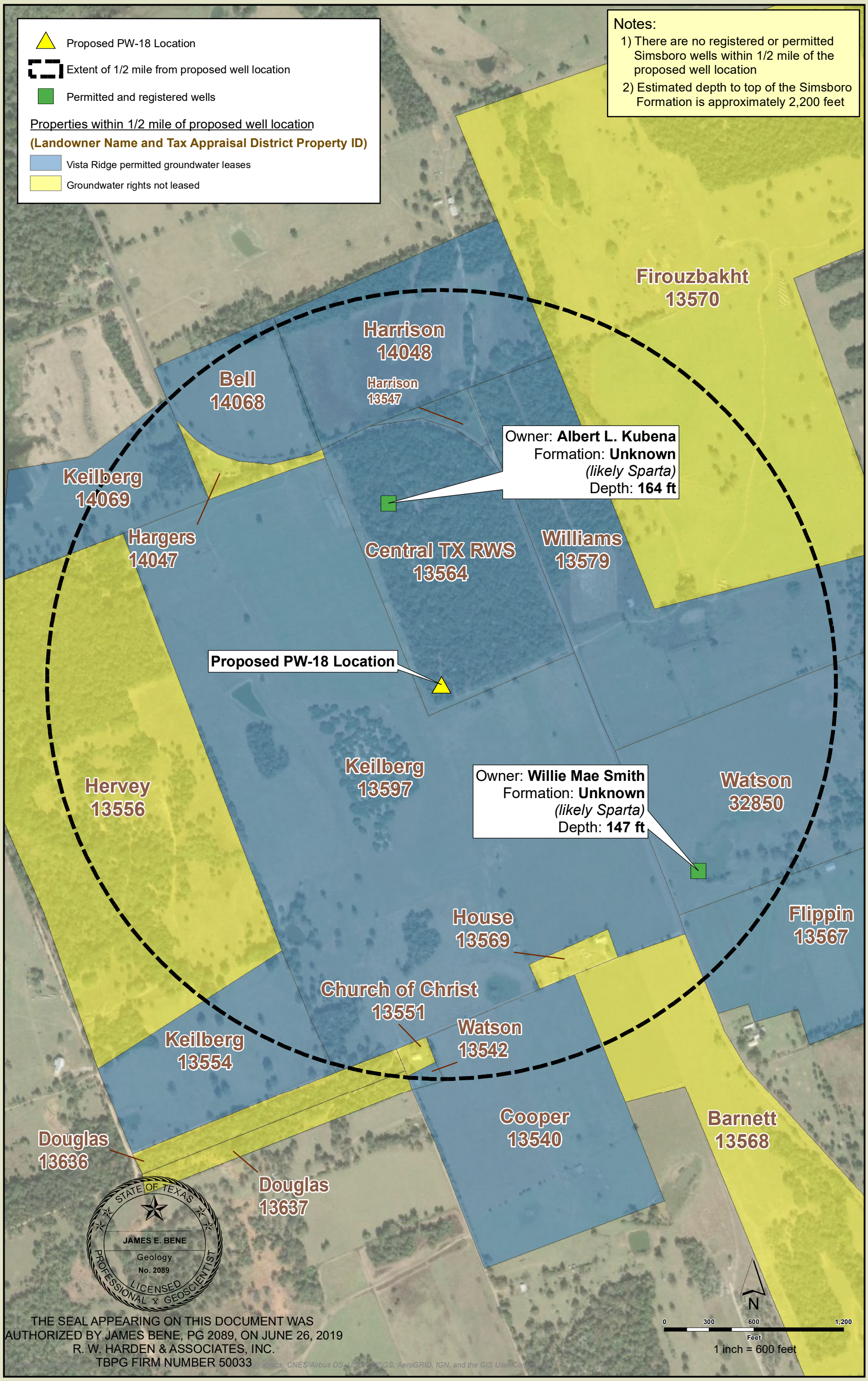

Production request groundwater leases with tract number
Vista Ridge permitted groundwater leases with tract number
Rockdale
Lexington
Caldwell
Austin
San Antonio
Burnet County
Williamson County
Milam County
Brazos County
Bastrop County
Lee County
Hays County
Caldwell County
Comal County
Guadalupe County
Gonzales County
Lavaca County
Colorado County
Bexar County
Wilson County
DeWitt County
Washington County
Austin County
Blanco County
Travis County
Cedar Park
Round Rock
San Marcos
New Braunfels
Alcoa Lake
Rockdale Country Club
Coppers Hollow Country Club
Oak Hollow Country Club
Lake Creek Park
Memorial Park
Allen Creek
Milam Lake
Sandy Creek
Little Sandy Creek
Alum Creek
Mustang Creek
Little Mustang Creek
Oil Field Rd
Ranch Rd
Brewerly Dr
Morrow Ave
Tabby Rd
Mission Burnett
Silver Springs Rd
Field Rd
Country Club Dr
Oak Hollow Dr
Chapel Dr
Lakeview Dr
Lamar Dr
Emily Dr
Cypress Dr
Tanglewood Dr
Rosemeadows Dr
Oak Meadow Dr
Lake Dr
Pine Dr
Cypress Dr
Elm Dr
Oak Dr
Maple Dr
Ash Dr
Cedar Dr
Pecan Dr
Walnut Dr
Hickory Dr
Sycamore Dr
Magnolia Dr
Dogwood Dr
Redbud Dr
Mockingbird Ln
Sandpiper Rd
Sandhill Rd
Sandy Creek Rd
Sandy Creek Dr
Sandy Creek Ln
Sandy Creek Cir
Sandy Creek Ct
Sandy Creek Pl
Sandy Creek Way
Sandy Creek Trl
Sandy Creek Blvd
Sandy Creek Pkwy
Sandy Creek Hwy



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BLUEWATER VISTA RIDGE

Plate 4 - Proposed PW-18 Site Map

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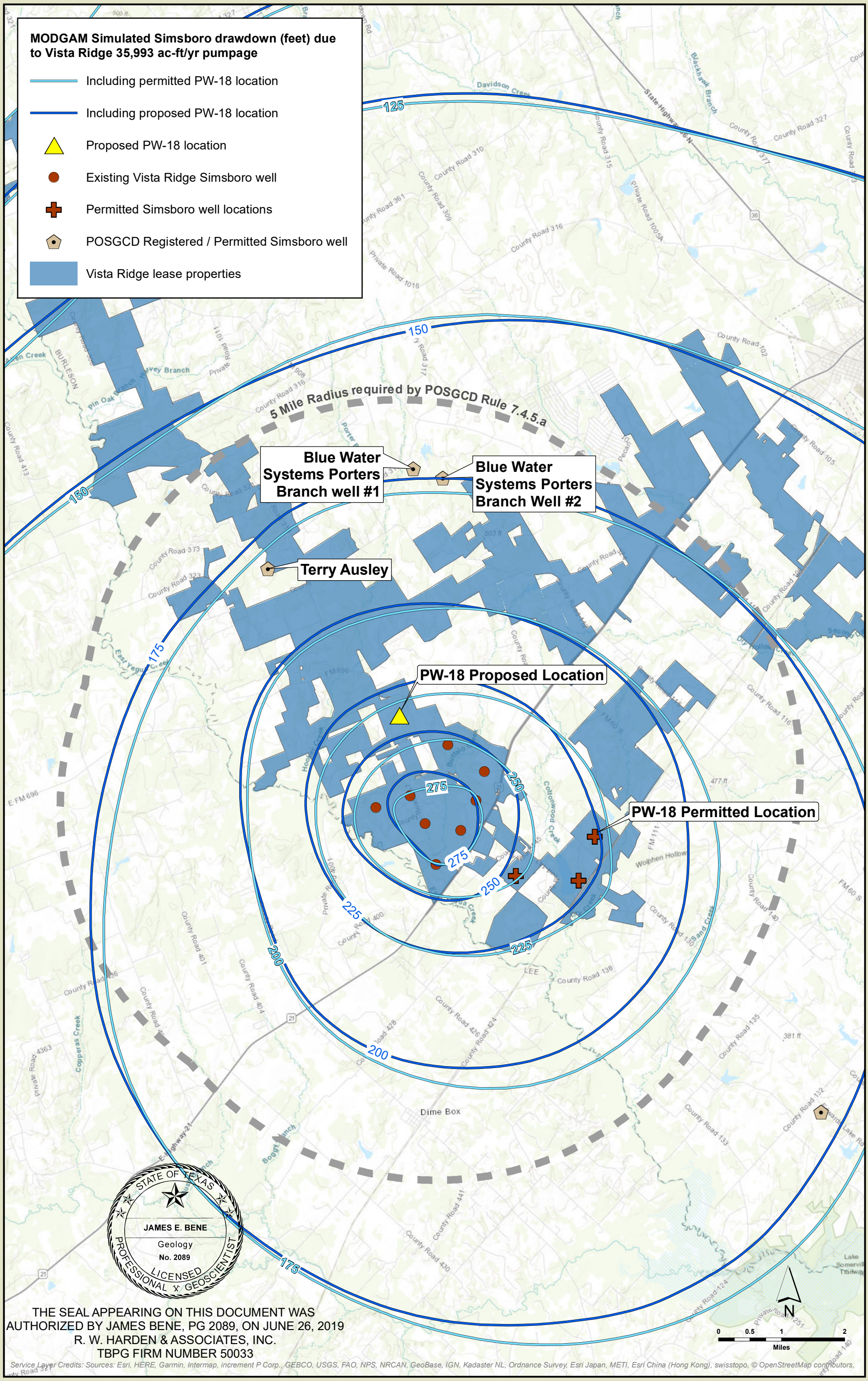

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Plate 5 - Comparison of MODGAM Simulated Simsboro Drawdown Vista Ridge 35,993 ac-ft/yr (2020-2050)

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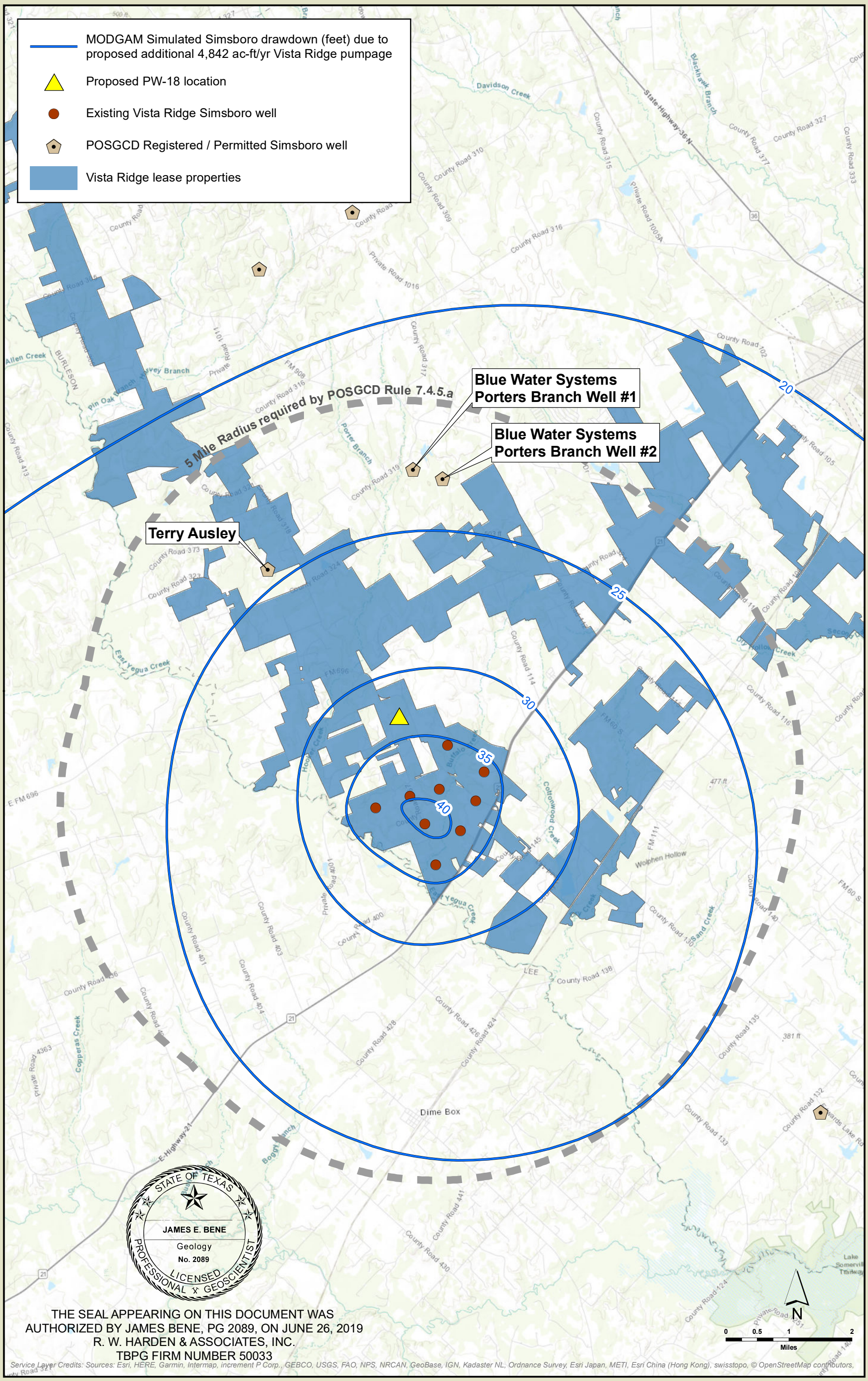

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Plate 6 - MODGAM Simulated Simsboro Drawdown due to Vista Ridge 4,842 ac-ft/yr (2020-2050)

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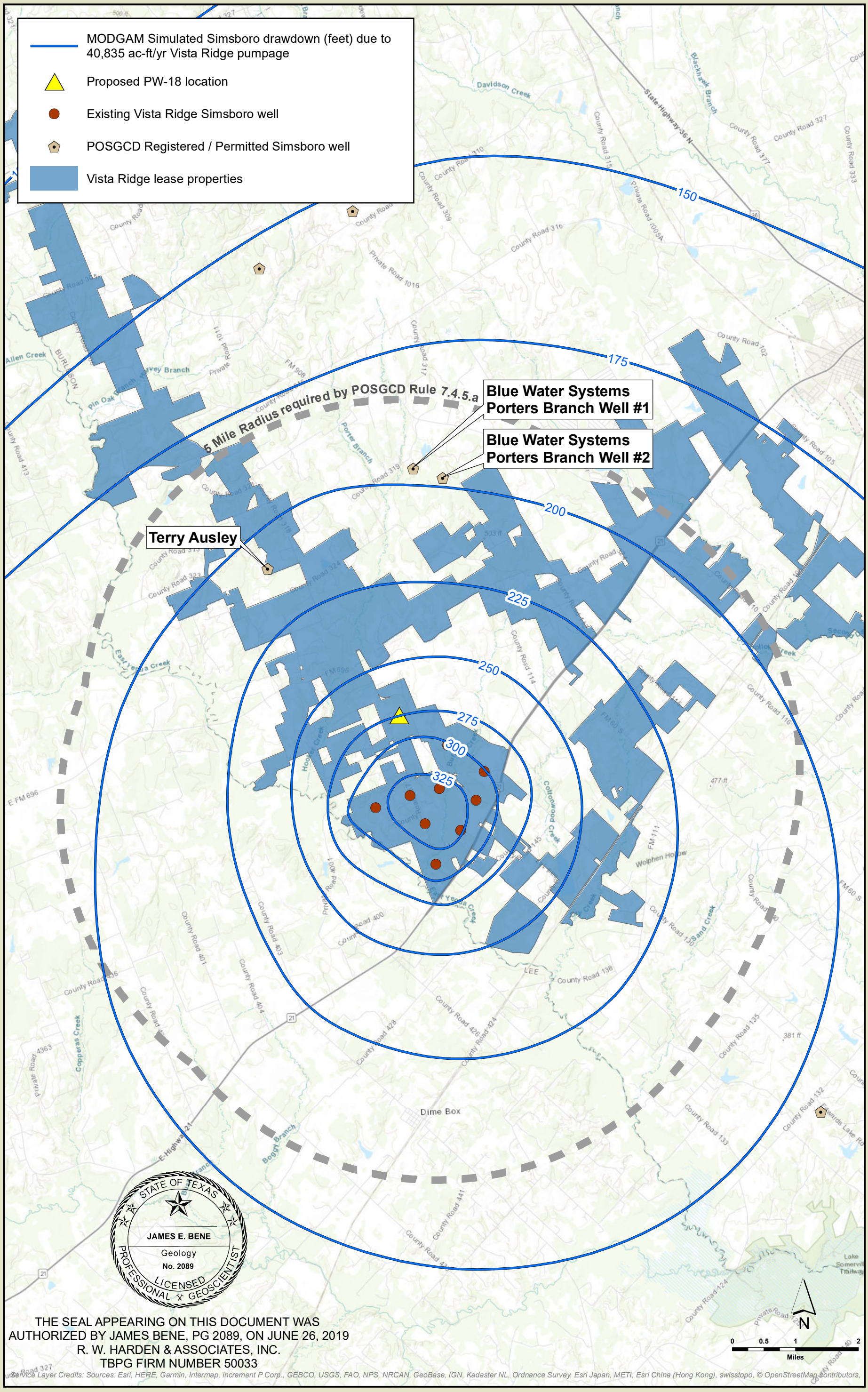

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Plate 7 - MODGAM Simulated Simsboro Drawdown due to Vista Ridge 40,835 ac-ft/yr (2020-2050)

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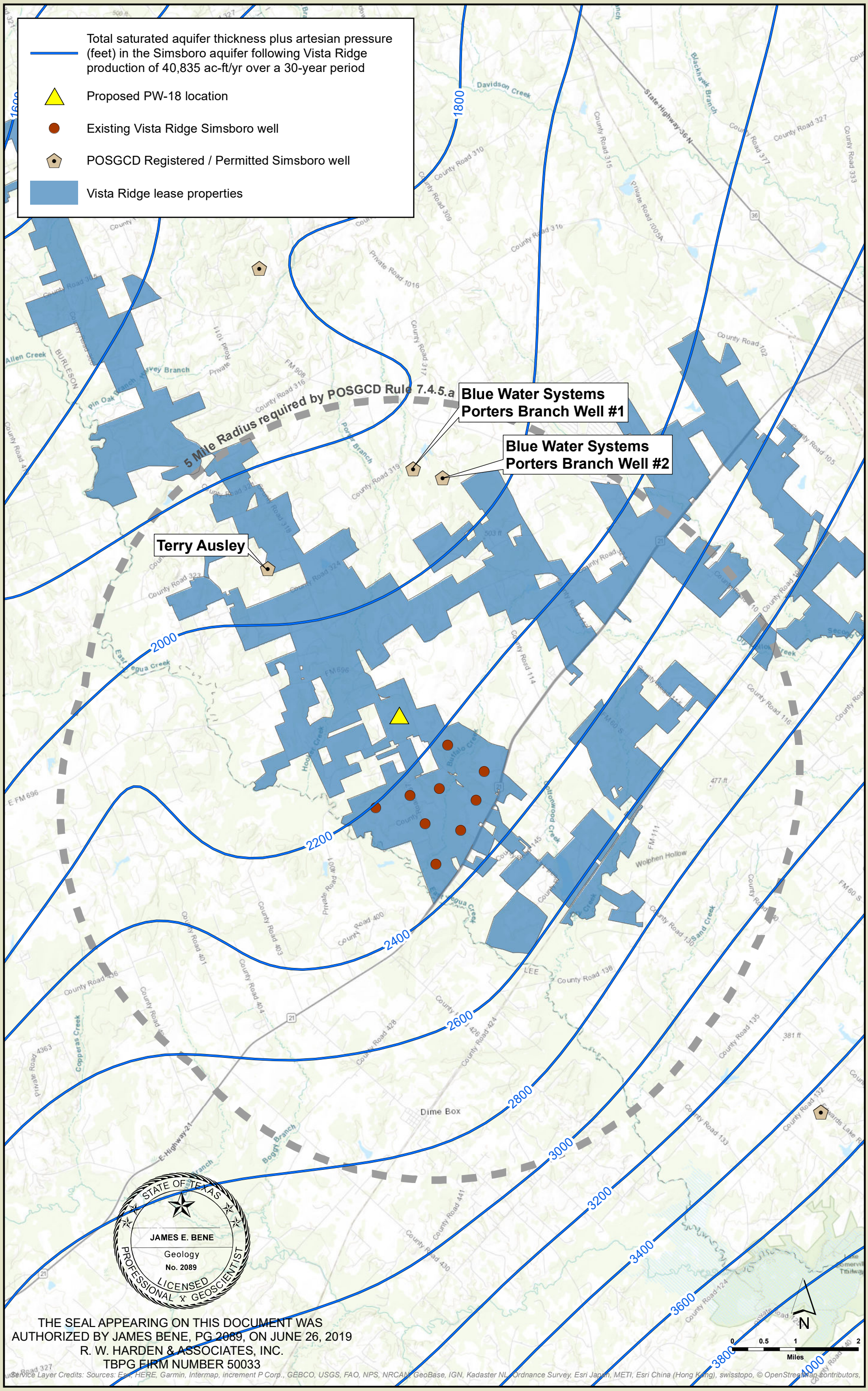

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Plate 8 - MODGAM Simulated Simsboro Artesian Pressure plus Saturated Thickness Vista Ridge 40,835 ac-ft/yr

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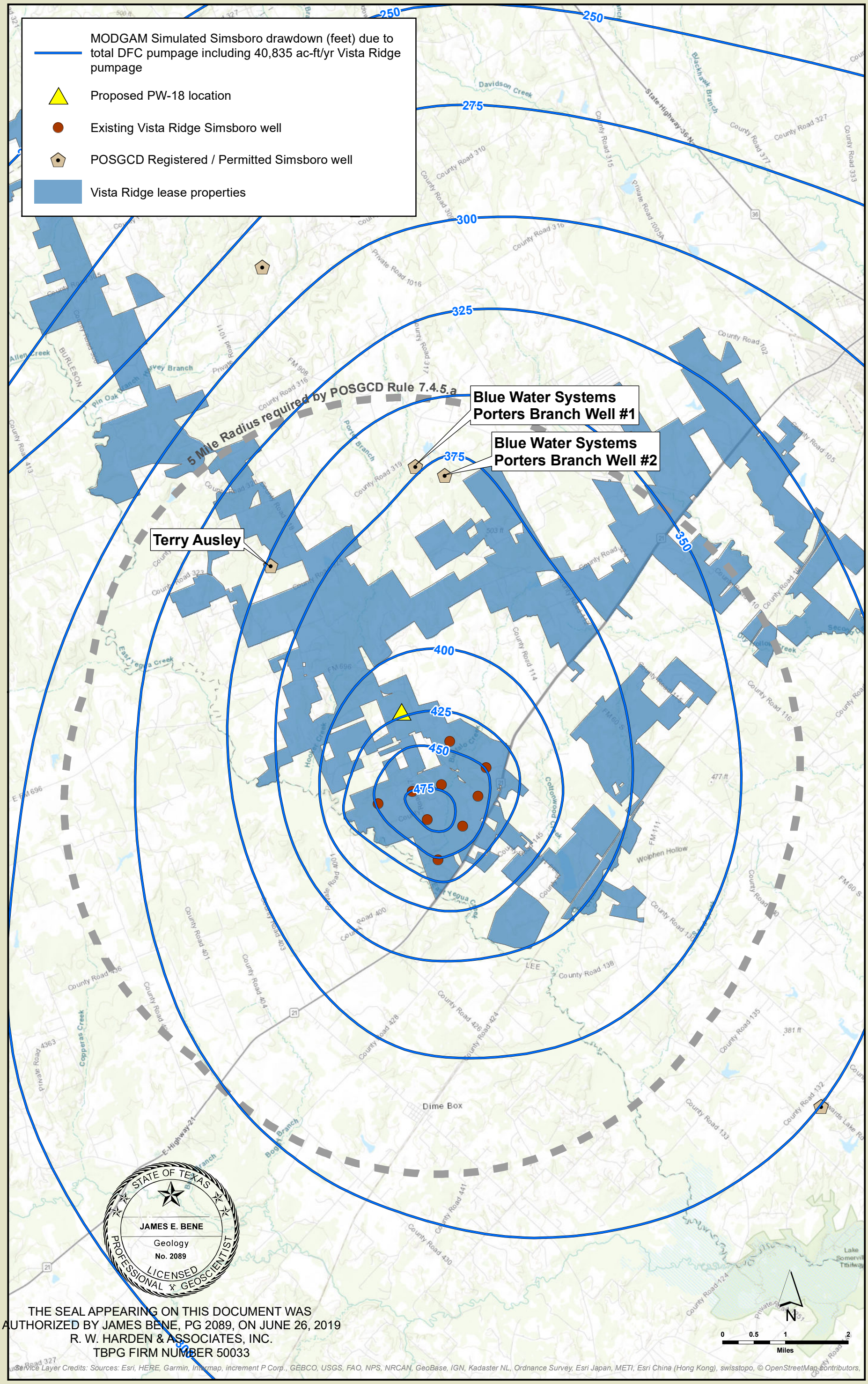

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Plate 9 - MODGAM Simulated Simsboro Drawdown (2020-2050)
All Regional (DFC) Pumpage plus Vista Ridge 40,835 ac-ft/yr

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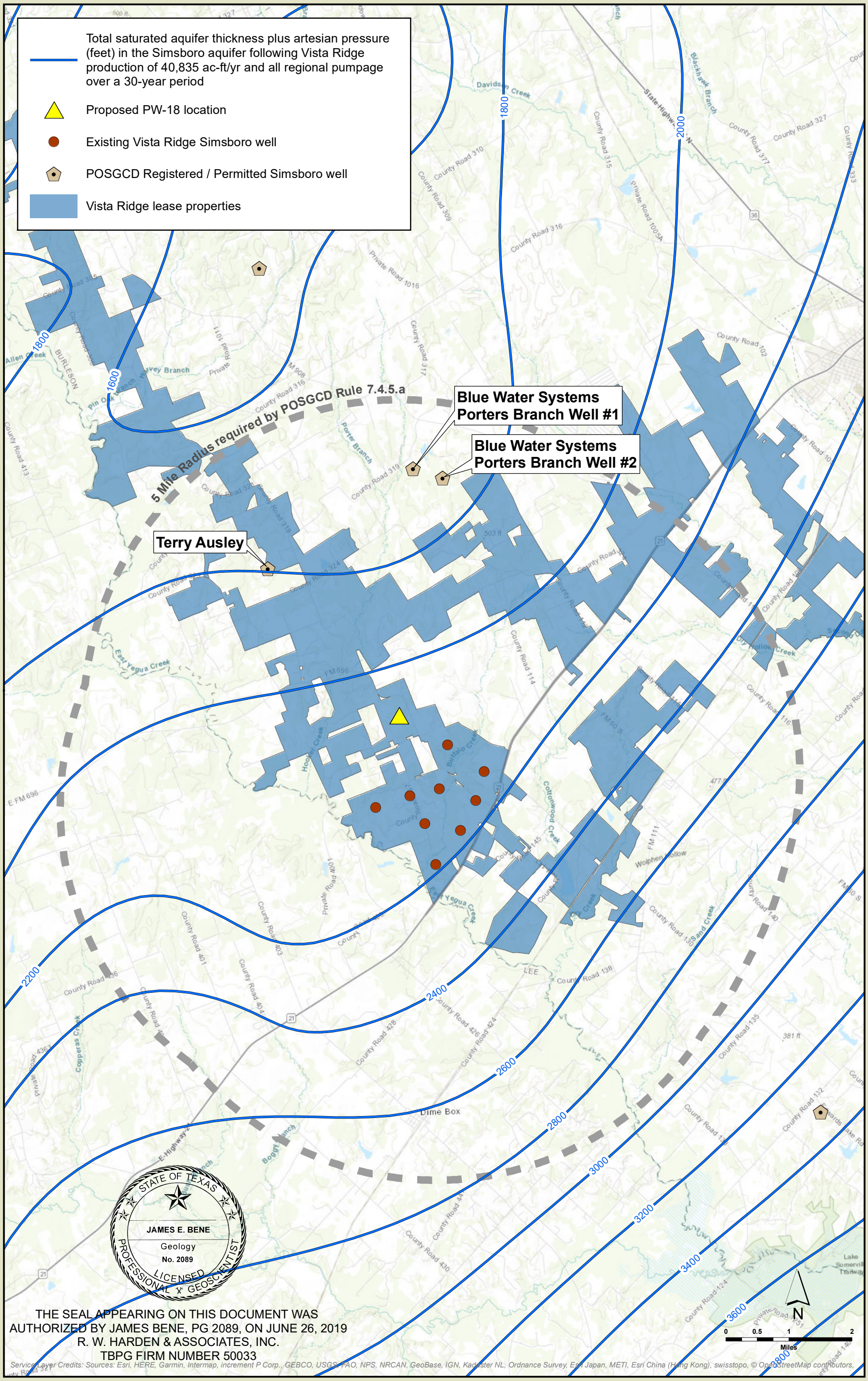

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Plate 10 - MODGAM Simulated Simsboro Artesian Pressure plus Saturated Thickness All Regional (DFC) Pumpage plus Vista Ridge 40,835 ac-ft/yr

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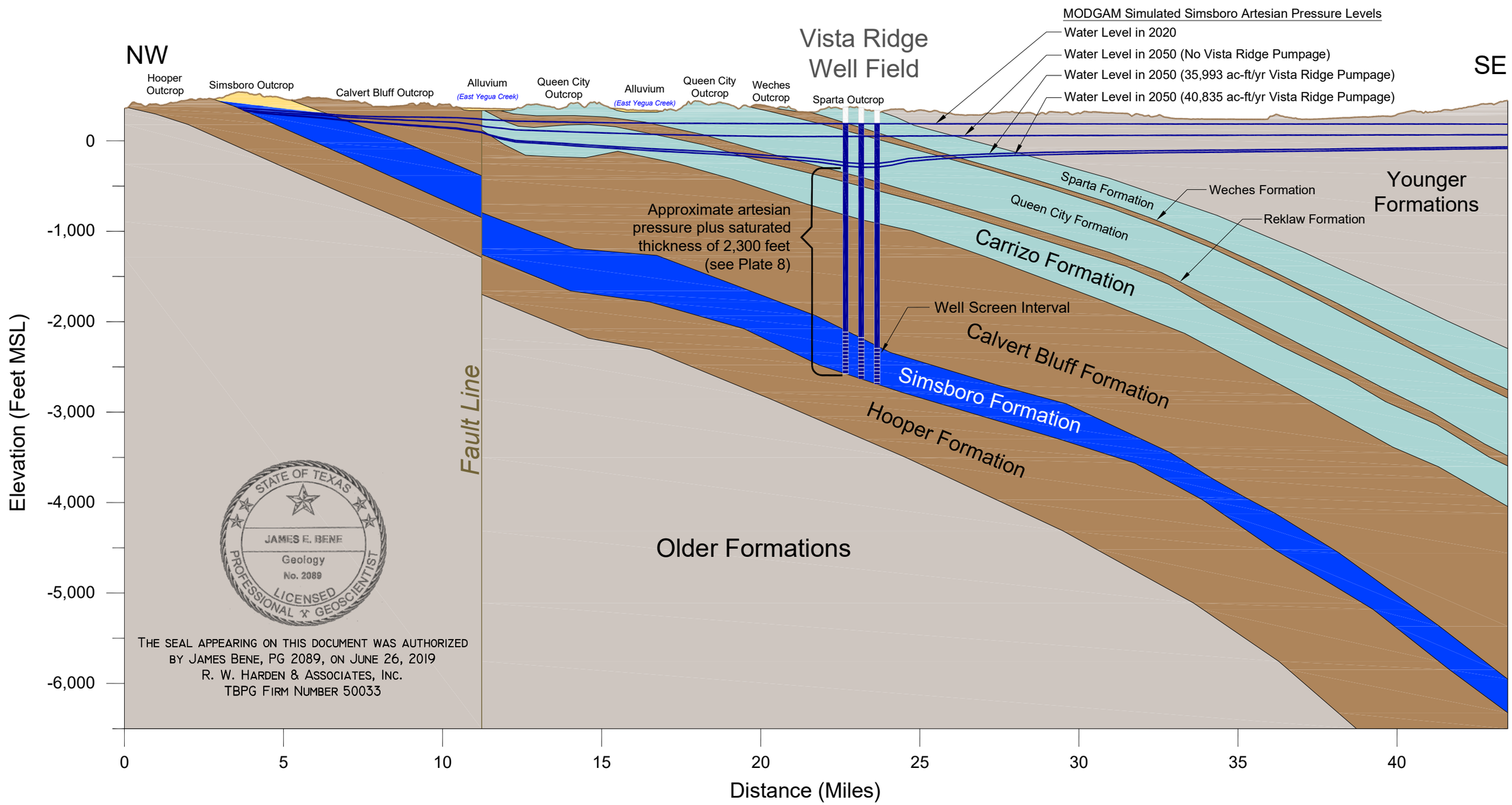

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Plate 11 - Cross-Section Diagram (MODGAM Results)

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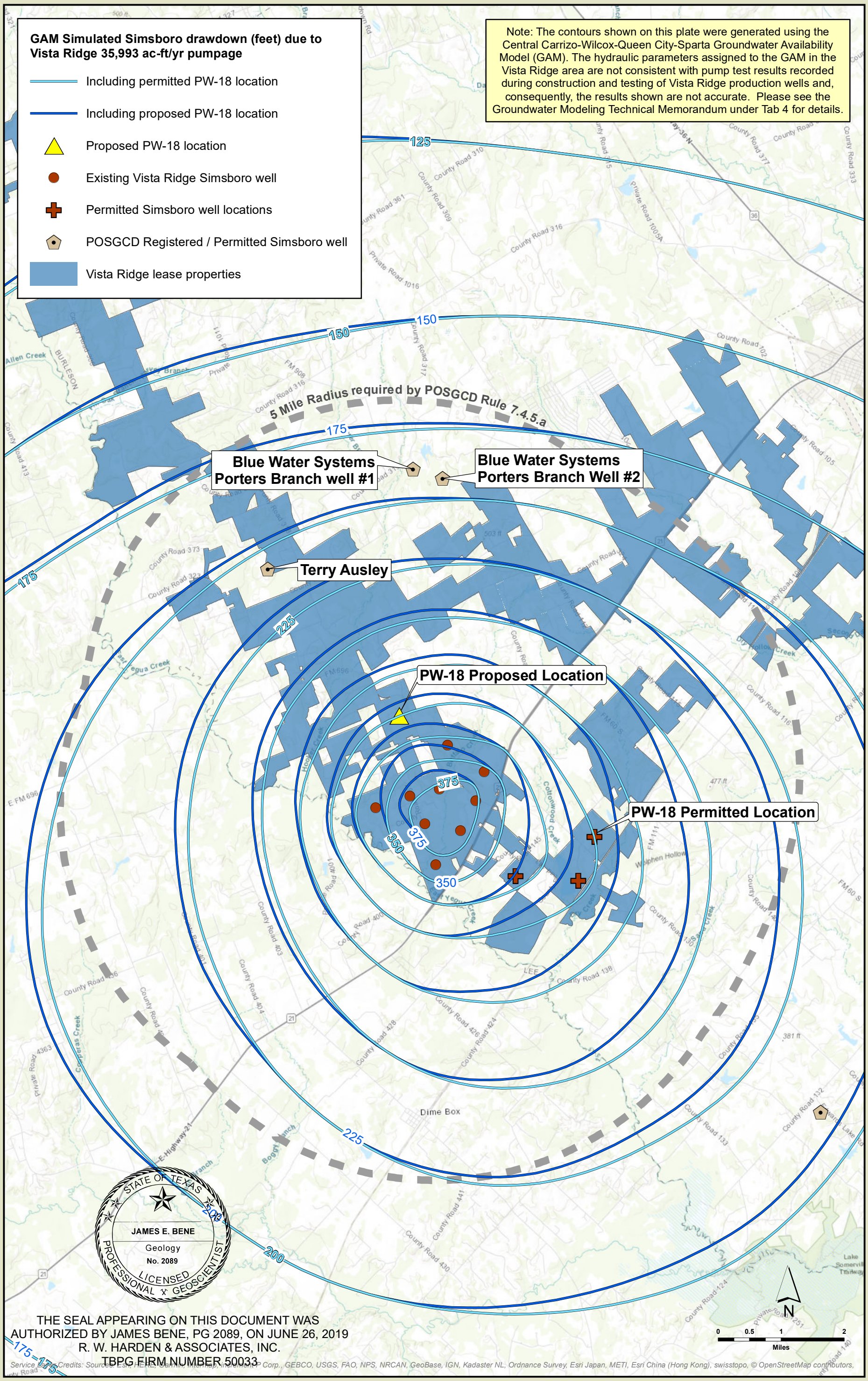

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Plate 12 - Comparison of GAM Simulated Simsboro Drawdown
Vista Ridge 35,993 ac-ft/yr (2020-2050)

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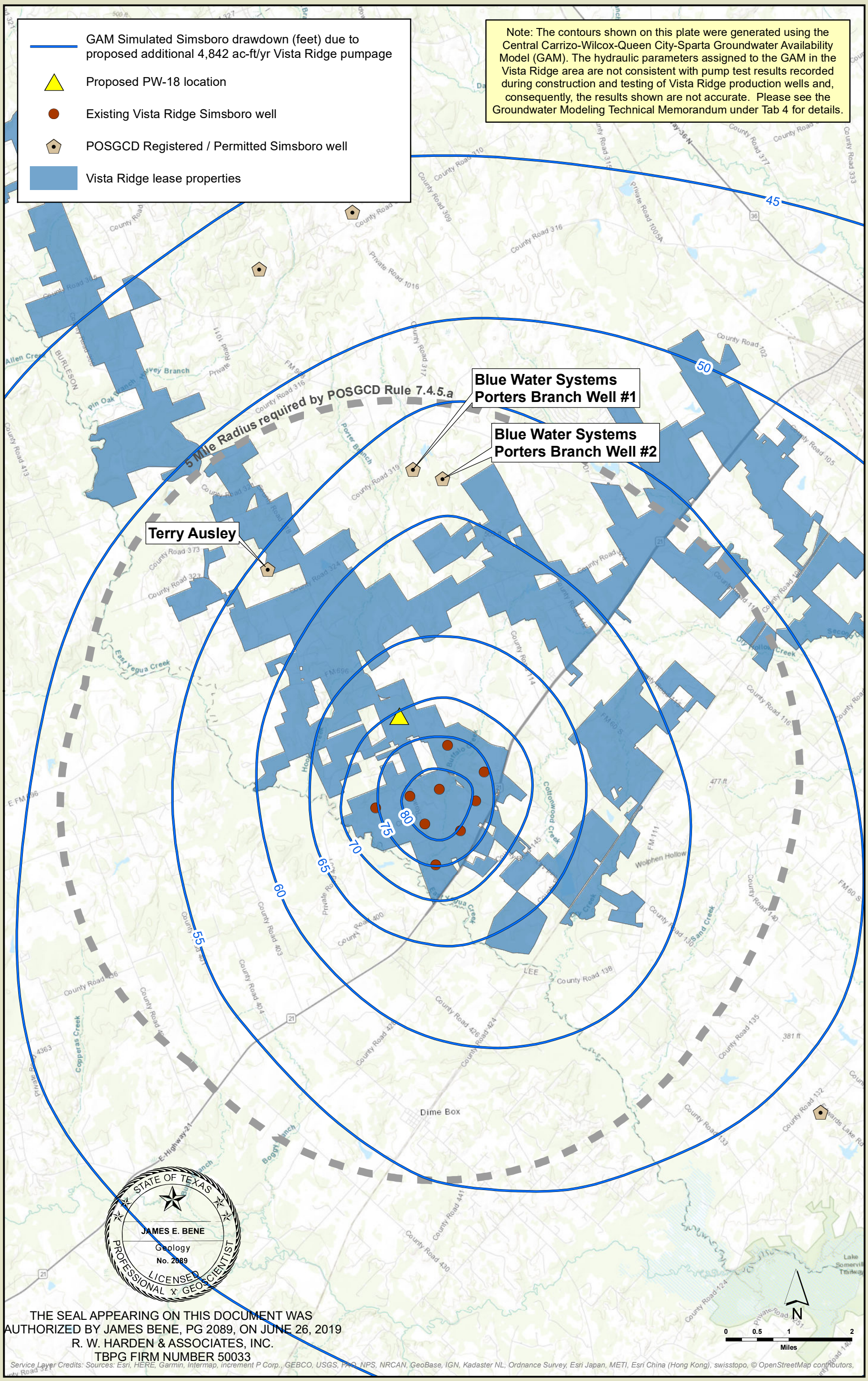

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Plate 13 - GAM Simulated Simsboro Drawdown due to Vista Ridge 4,842 ac-ft/yr (2020-2050)

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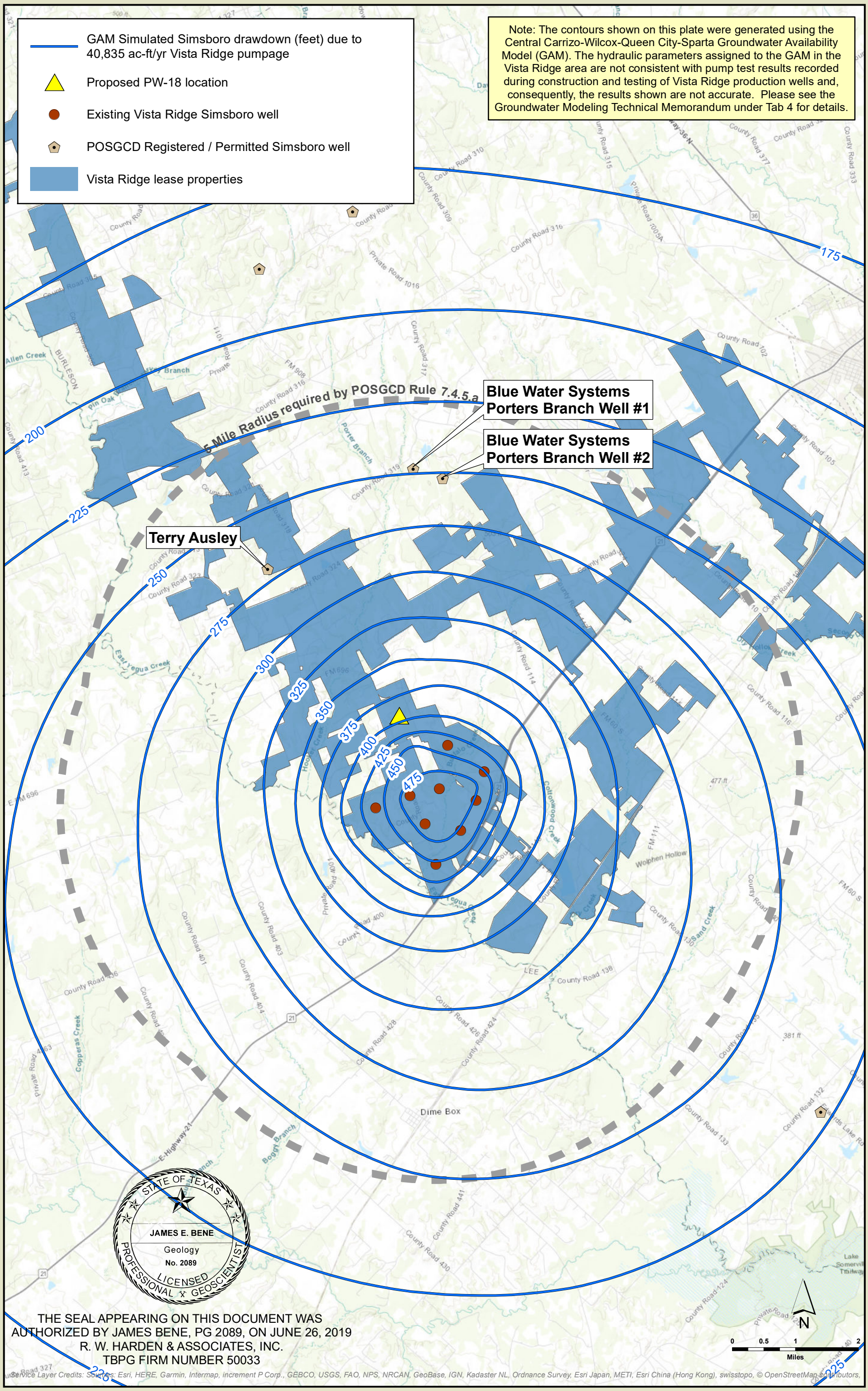

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Plate 14 - GAM Simulated Simsboro Drawdown due to Vista Ridge 40,835 ac-ft/yr (2020-2050)

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Total saturated aquifer thickness plus artesian pressure (feet) in the Simsboro aquifer following Vista Ridge production of 40,835 ac-ft/yr over a 30-year period

Proposed PW-18 location

Existing Vista Ridge Simsboro well

POSGCD Registered / Permitted Simsboro well

Vista Ridge lease properties

Note: The contours shown on this plate were generated using the Central Carrizo-Wilcox-Queen City-Sparta Groundwater Availability Model (GAM). The hydraulic parameters assigned to the GAM in the Vista Ridge area are not consistent with pump test results recorded during construction and testing of Vista Ridge production wells and, consequently, the results shown are not accurate. Please see the Groundwater Modeling Technical Memorandum under Tab 4 for details.

5 Mile Radius required by POSGCD Rule 7.4.5.a

Blue Water Systems Porters Branch Well #1

Blue Water Systems Porters Branch Well #2

Terry Ausley

1600

1800

2000

2200

2400

2600

2800

3000

3200

3400

3600

3800

Dime Box

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N

0 0.5 1 2
Miles

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BLUEWATER VISTA RIDGE

Plate 15 - GAM Simulated Simsboro Artesian Pressure plus Saturated Thickness Vista Ridge 40,835 ac-ft/yr

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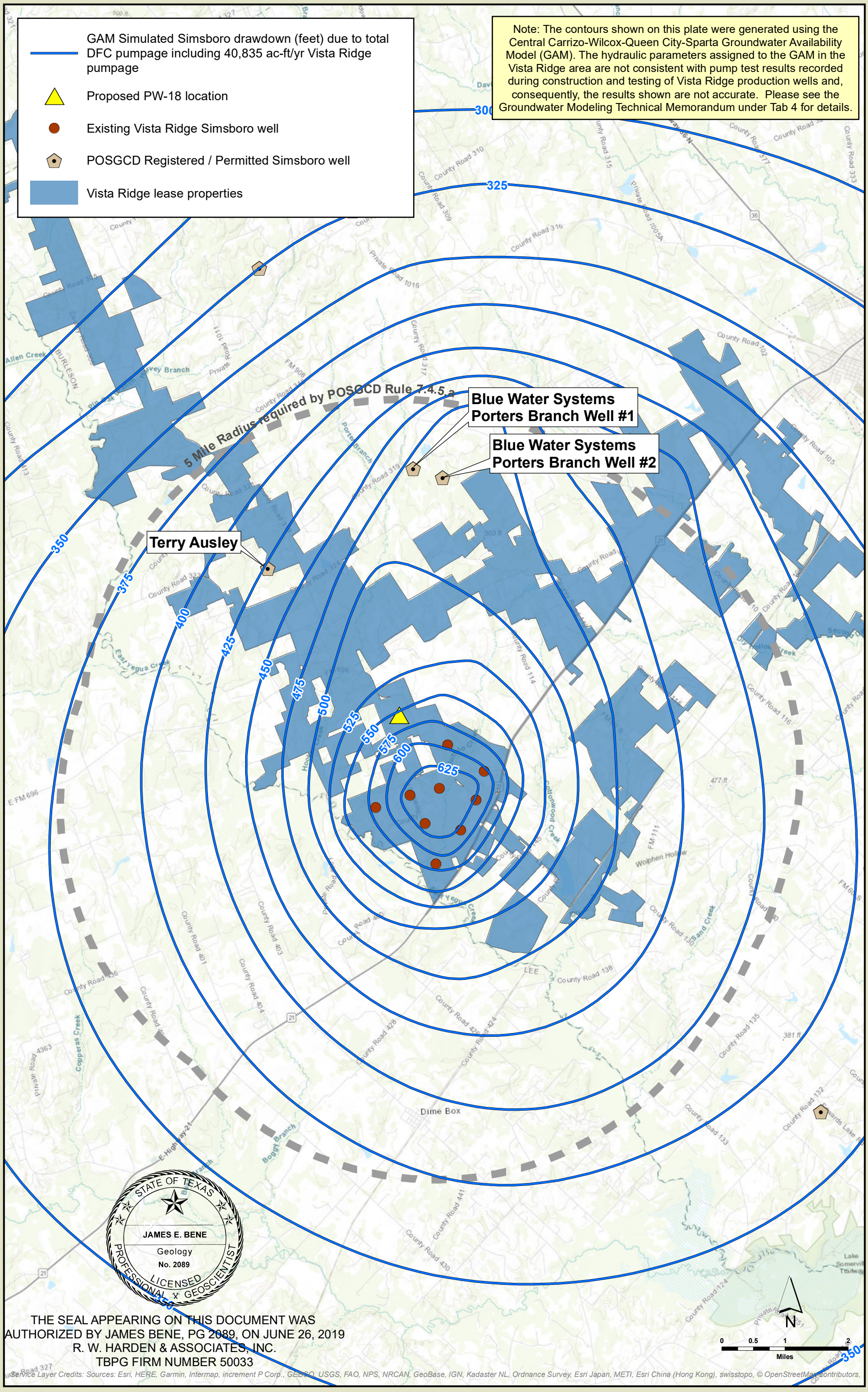

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BLUEWATER VISTA RIDGE

Plate 16 - GAM Simulated Simsboro Drawdown (2020-2050)
All Regional (DFC) Pumpage plus Vista Ridge 40,835 ac-ft/yr

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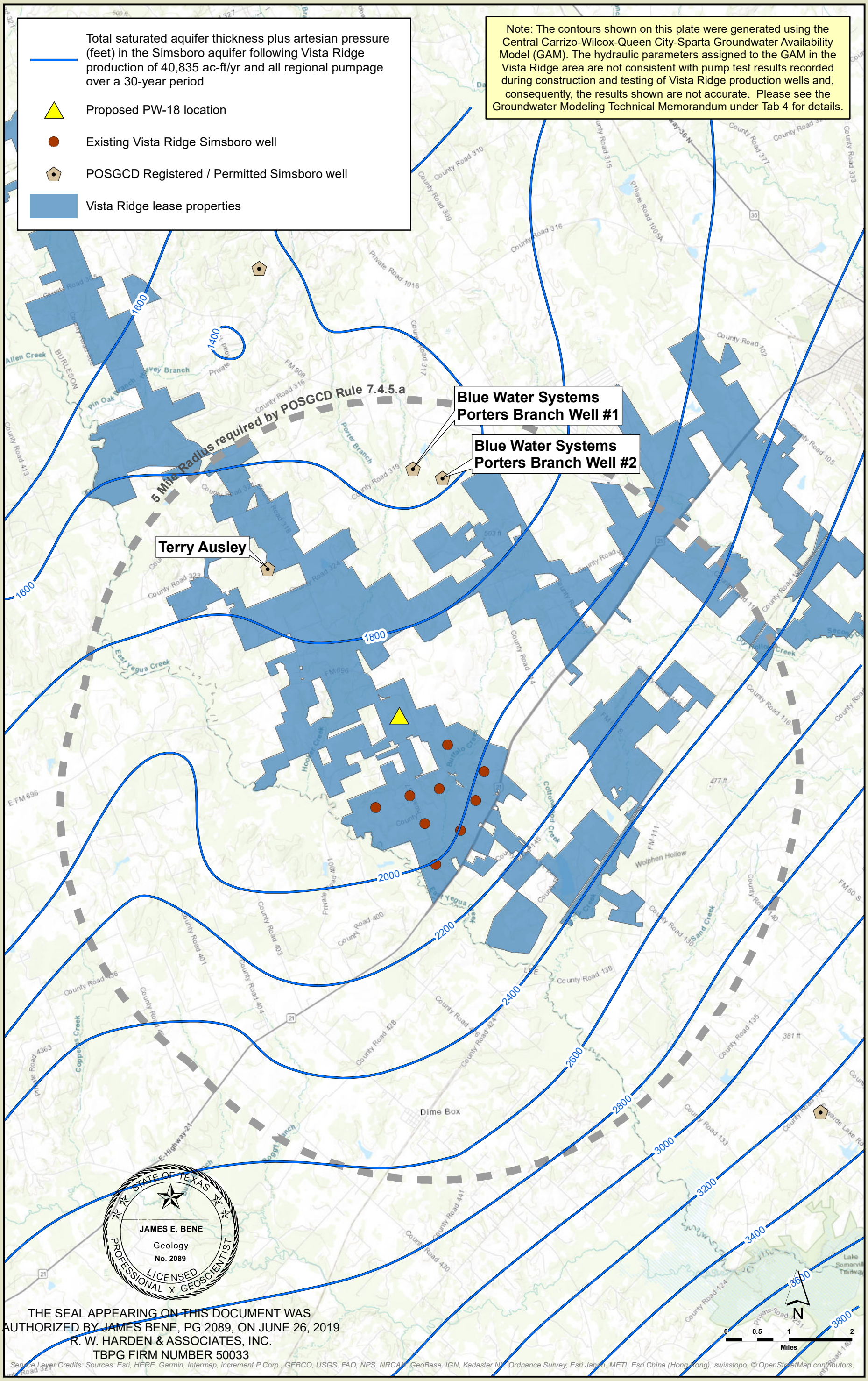

BLUEWATER VISTA RIDGE

Plate 17 - GAM Simulated Simsboro Artesian Pressure plus Saturated Thickness All Regional (DFC) Pumpage plus Vista Ridge 40,835 ac-ft/yr

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