

**STATE OF NEW MEXICO  
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**APPLICATION OF XTO ENERGY, INC.,  
FOR SPACING WITHIN THE BIG EDDY  
FEDERAL EXPLORATORY UNIT,  
EDDY AND LEA COUNTIES, NEW  
MEXICO**

**CASE NO. \_\_\_\_\_**

**APPLICATION**

XTO Energy Inc., OGRID No. 5380 (“XTO” or “Applicant”), through its undersigned attorneys, hereby files this application with the Oil Conservation Division (“Division”) pursuant to the provisions of the Oil and Gas Act, NMSA 1978 §§ 70-2-1, *et seq.* (the “Act”) and 19.15.16 NMAC, for an order approving certain spacing accommodations within the Big Eddy Federal Exploratory Unit, Serial Number NMNM105467880 (Legacy Serial No. NMNM068294X), located in Eddy and Lea Counties (the “FEU”), more particularly described on **Exhibit A-1**, including the pools identified on **Exhibit A-2** and depicted on **Exhibit B** (Bone Spring Pool Maps) and **Exhibit C** (Wolfcamp Pool Maps), attached hereto and incorporated herein by this reference.

In support of its Application, XTO states the following:

1. Pursuant to NMSA 1978, § 70-2-11, the Division has the duty and authority to prevent waste and protect correlative rights, and is empowered to make and enforce rules, regulations and orders, and to do whatever may be reasonably necessary to carry out the purpose of the Act, whether or not indicated or specified in any section thereof.
2. Under 19.15.20.14 NMAC, the Division may, after notice and hearing, approve the combining of contiguous developed proration units into a unitized area.

3. The FEU is an approved federal exploratory unit, currently in its secondary term, covering lands in Townships 19 through 23 South, and Ranges 28 through 32 East, comprising 133,444.29 acres. See **Exhibit A-1**.

4. The pools within the Bone Spring and Wolfcamp formations underlying the FEU are identified and described in **Exhibit A-2** and depicted on **Exhibits B and C**, which show pools within and surrounding the FEU boundary.

5. The FEU covers all depths and formations below the base of the Dakota Sand, including the Bone Spring and Wolfcamp Formations.

6. The setbacks applicable to horizontal wells within the FEU are governed by 19.15.16.15.C. NMAC, except that setbacks for wells in the Purple Sage; Wolfcamp (Gas) Pool [98220] are governed by the special provisions of Division Order R-14262.

7. **Exhibit B** contains the Bone Spring pool master map and township detail maps for the affected townships within the FEU.

8. **Exhibit C** contains the Wolfcamp pool master map and township detail maps for the affected townships within the FEU.

9. These exhibits depict the FEU boundary, the affected townships and sections, and the location of the subject pools relative to the irregular FEU boundary.

10. XTO is the majority working interest owner in the lands covered by the FEU, and is the operator of the FEU pursuant to the plan of unitization approved for the FEU by the Bureau of Land Management.

11. As with most federal exploratory units, the FEU is not shaped as a perfect square or rectangle, and its boundaries do not follow section lines. Rather, many portions of the FEU boundaries follow irregular courses along quarter-quarter section boundaries.

12. Due to the alignment of the FEU boundaries, standard horizontal spacing unit rules for the lands and pools covered by the FEU would result in horizontal spacing units that do not align with the boundaries of the FEU.

13. FEU-wide boundary changes (to align with the boundaries of standard horizontal spacing units) are unattainable due to complex and fractured tracts and ownership within the FEU. Therefore, XTO seeks approval of this application to effectively develop the reservoirs within the FEU, without changing the boundaries of the FEU.

14. To best protect correlative rights, prevent waste, avoid stranding reservoir inside or outside the FEU, and optimize production within the unitized area and certain single sources of supply designated by the Division, horizontal spacing units within the FEU should align with the FEU boundaries, rather than covering lands both inside and outside the FEU.

15. Therefore, XTO seeks an order allowing all standard horizontal spacing units that lie within the FEU to be composed of tracts that align with the boundaries of the FEU, without the need for non-standard horizontal spacing units, and regardless of whether such tracts would normally be included within standard horizontal spacing units established pursuant to 19.15.16.15 NMAC. To accomplish such alignment, XTO requests that horizontal spacing units within the FEU comprise one or more contiguous tracts, each of which consists of a governmental quarter-quarter-section or equivalent.

16. Furthermore, XTO requests that the order authorize the completed intervals of any horizontal well within the FEU to be at any location, without the need for an unorthodox well location, provided that no portion of any completed interval is closer to the FEU boundaries than allowed: (i) by the provisions of any special pool rule covering the location of such well, or if there is no such applicable provision, then (ii) by 19.15.16.15.C. NMAC.

17. Granting this application will protect correlative rights, prevent waste, avoid stranding reservoir inside or outside the FEU, and optimize production within the unitized area and certain single sources of supply designated by the Division.

WHEREFORE, XTO requests this Application be set for hearing on July 9, 2026, or as soon thereafter as reasonably practical, before an Examiner of the Oil Conservation Division, and after notice and hearing as required by law, the Division enter an order:

- A. Allowing all standard horizontal spacing units that lie within the FEU to be composed of tracts that align with the boundaries of the FEU, without the need for non-standard horizontal spacing units, and regardless of whether such tracts would normally be included within standard horizontal spacing units established pursuant to 19.15.16.15 NMAC; and
- B. Authorizing the completed intervals of any horizontal well within the FEU to be at any location, without the need for an unorthodox well location, provided that no portion of any completed interval is closer to the FEU boundaries than allowed: (i) by the provisions of any special pool rule covering the location of such well, or if there is no such applicable provision, then (ii) by 19.15.16.15.C. NMAC.
- C. Granting such other relief as the Division deems appropriate.

Respectfully submitted,

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*Attorneys for XTO Energy Inc.*

***Application of XTO Energy Inc., for Approval of Comprehensive Spacing within the Big Eddy Federal Exploratory Unit, Eddy and Lea Counties, New Mexico.*** Applicant in the above-styled cause seeks an order from the Division approving certain spacing accommodations within the Big Eddy Federal Exploratory Unit, Serial Number NMNM105467880, Legacy Serial No. NMNM068294X, located in Eddy and Lea Counties, New Mexico. The Big Eddy Federal Exploratory Unit, containing approximately 133,444.29 acres, more or less, is comprised of the following lands: the S/2 of Section 27, E/2 of Section 33, and all of Sections 34-35, Township 19 South, Range 31 East, N.M.P.M.; all of Sections 25-27 and 34-36, Township 20 South, Range 30 East, N.M.P.M.; all of Sections 2-36, Township 20 South, Range 31 East, N.M.P.M.; all of Section 7, W/2W/2 of Section 8, all of Sections 17-21, S/2S/2 of Section 27, and all of Sections 28-34, Township 20 South, Range 32 East, N.M.P.M.; all of Sections 3-36, Township 21 South, Range 28 East, N.M.P.M.; all of Sections 1-3 and 7-36, Township 21 South, Range 29 East, N.M.P.M.; all of Sections 1-12, 14-23, and 28-30, and the N/2 of Section 27, Township 21 South, Range 30 East, N.M.P.M.; Lots 1-16 of Section 3, and all of Sections 4-9, Township 21 South, Range 31 East, N.M.P.M.; all of Sections 1-5, the N/2, SE/4 of Section 6, the E/2, E/2W/2 of Section 8, all of Sections 9-14, the N/2N/2 of Section 17, the E/2NE/4 of Section 22, and all of Sections 23-25, Township 22 South, Range 28 East, N.M.P.M.; all of Sections 2-10, 15-22, 27-30, and 32-34, the E/2 of Sections 31, and the W/2, W/2SE/4 of Section 35, Township 22 South, Range 29 East, N.M.P.M.; and all of Section 2, the N/2, N/2S/2, SE/4SW/4, S/2SE/4 of Section 3, and the N/2, N/2SE/4 of Section 4, Township 23 South, Range 29 East, N.M.P.M. The application concerns the Bone Spring and Wolfcamp formations underlying the Big Eddy Federal Exploratory Unit, and the associated pools contained therein. Applicant seeks an order from the Division: (1) allowing horizontal spacing units within the Big Eddy Federal Exploratory Unit to be composed of one or more contiguous tracts consisting of governmental quarter-quarter-quarter sections or equivalents that align with the irregular boundaries of the Big Eddy Federal Exploratory Unit, without the need for separate non-standard horizontal spacing unit applications; and (2) authorizing the completed intervals of horizontal wells within the Big Eddy Federal Exploratory Unit to be located without separate unorthodox well location approval, provided that no portion of any completed interval is closer to the applicable boundary than allowed by any governing special pool rule, Division order, or 19.15.16.15 NMAC. The lands are in Eddy and Lea Counties, New Mexico, located approximately 5.5 miles east of Carlsbad and 36 miles southwest of Hobbs.

**EXHIBIT A-1**

**BIG EDDY FEDERAL EXPLORATORY UNIT LANDS**

1. Township 19 South, Range 31 East, N.M.P.M.  
Section 27: S/2  
Section 33: E/2  
Sections 34-35: All  
Containing 1920-acres, more or less
  
2. Township 20 South, Range 31 East, N.M.P.M  
Sections 2-36: All  
  
containing 22,341.07-acres, more or less
  
3. Township 20 South, Range 30 East, N.M.P.M  
Sections 25-27: All  
Sections 34-36: All  
  
containing 3,840-acres, more or less
  
4. Township 20 South, Range 32 East, N.M.P.M  
Section 7: All  
Section 8: W/2 W/2  
Sections 17-21: All  
Section 27: S/2 S/2  
Sections 28-34: All  
  
Containing 8,632.80-acres, more or less
  
5. Township 21 South, Range 28 East, N.M.P.M  
Sections 3-36: All  
  
containing 22,814.41-acres, more or less
  
6. Township 21 South, Range 29 East, N.M.P.M  
Sections 1-3: All  
Sections 7-36: All  
  
containing 21,728.19-acres, more or less
  
7. Township 21 South, Range 30 East, N.M.P.M  
Sections 1-12: All  
Sections 14-23: All  
Section 27: N/2  
Sections 28-30: All



containing 18,419.03-acres, more or less

8. Township 21 South, Range 31 East, N.M.P.M  
Section 3: Lots 1-16  
Sections 4-9: All

containing 5460.75-acres, more or less

9. Township 22 South, Range 28 East, N.M.P.M  
Sections 1-5: All  
Section 6: N/2, SE/4  
Section 8: E/2, E/2W/2  
Sections 9-14: All  
Section 15: NE/4, E/2 SE/4  
Section 17: N/2 N/2  
Section 22: E/2 NE/4  
Sections 23-25: All

containing 10,570.82-acres, more or less

10. Township 22 South, Range 29 East, N.M.P.M  
Sections 2-10: All  
Sections 15-22: All  
Sections 27-30: All  
Section 31: E/2  
Sections 32-34: All  
Section 35: W/2, W/2 SE/4

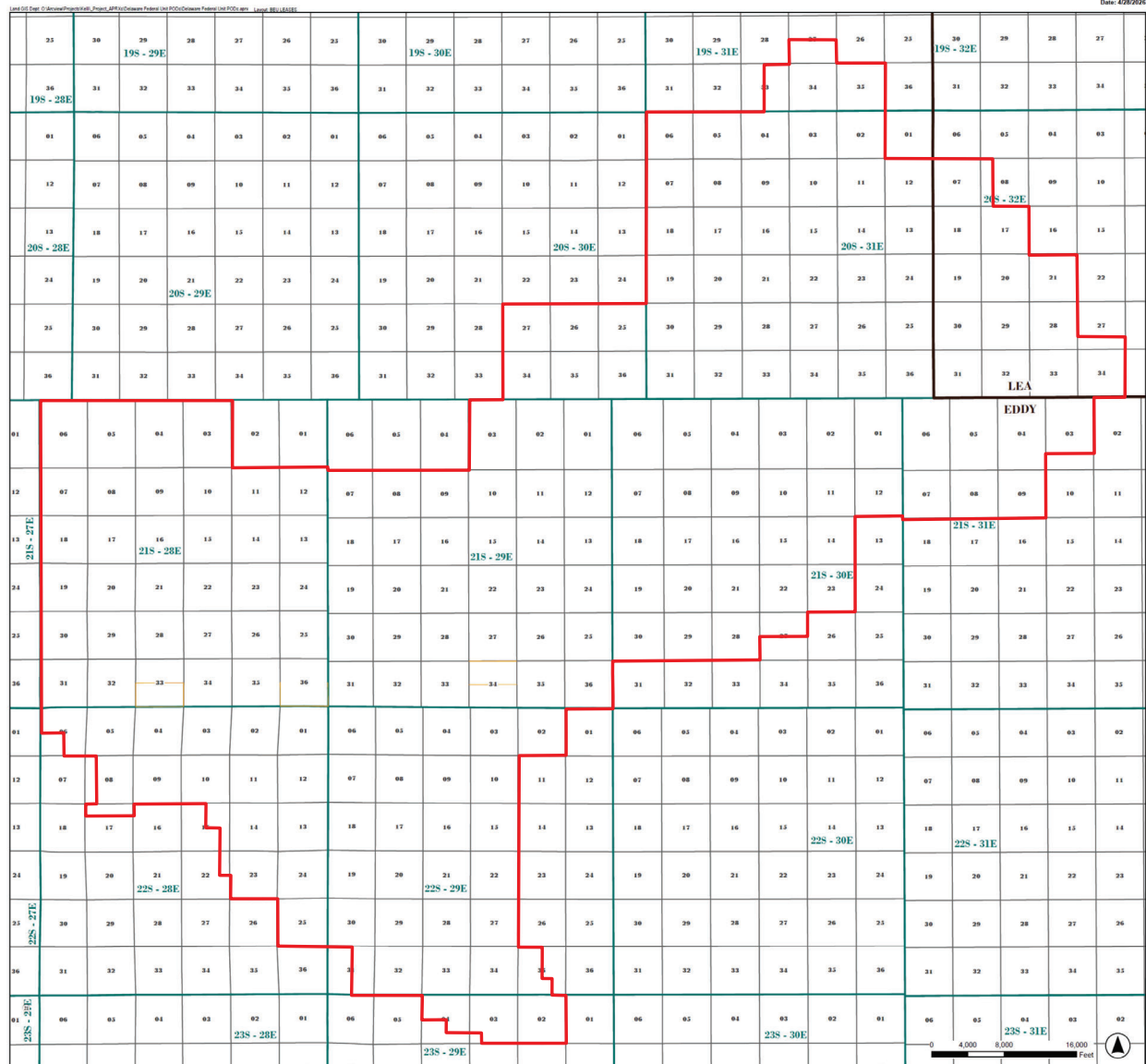
Containing 16,075.84-acres, more or less

11. Township 23 South, Range 29 East, N.M.P.M  
Section 2: All  
Section 3: N/2, N/2 S/2, SE/4 SW/4, S/2 SE/4  
Section 4: N/2, N/2 SE/4

Containing 1280.38-acres, more or less



EXHIBIT A-1  
BIG EDDY UNIT  
EDDY AND LEA COUNTIES, NEW MEXICO



**EXHIBIT A-2****Big Eddy Federal Exploratory Unit—pools narrative by township**

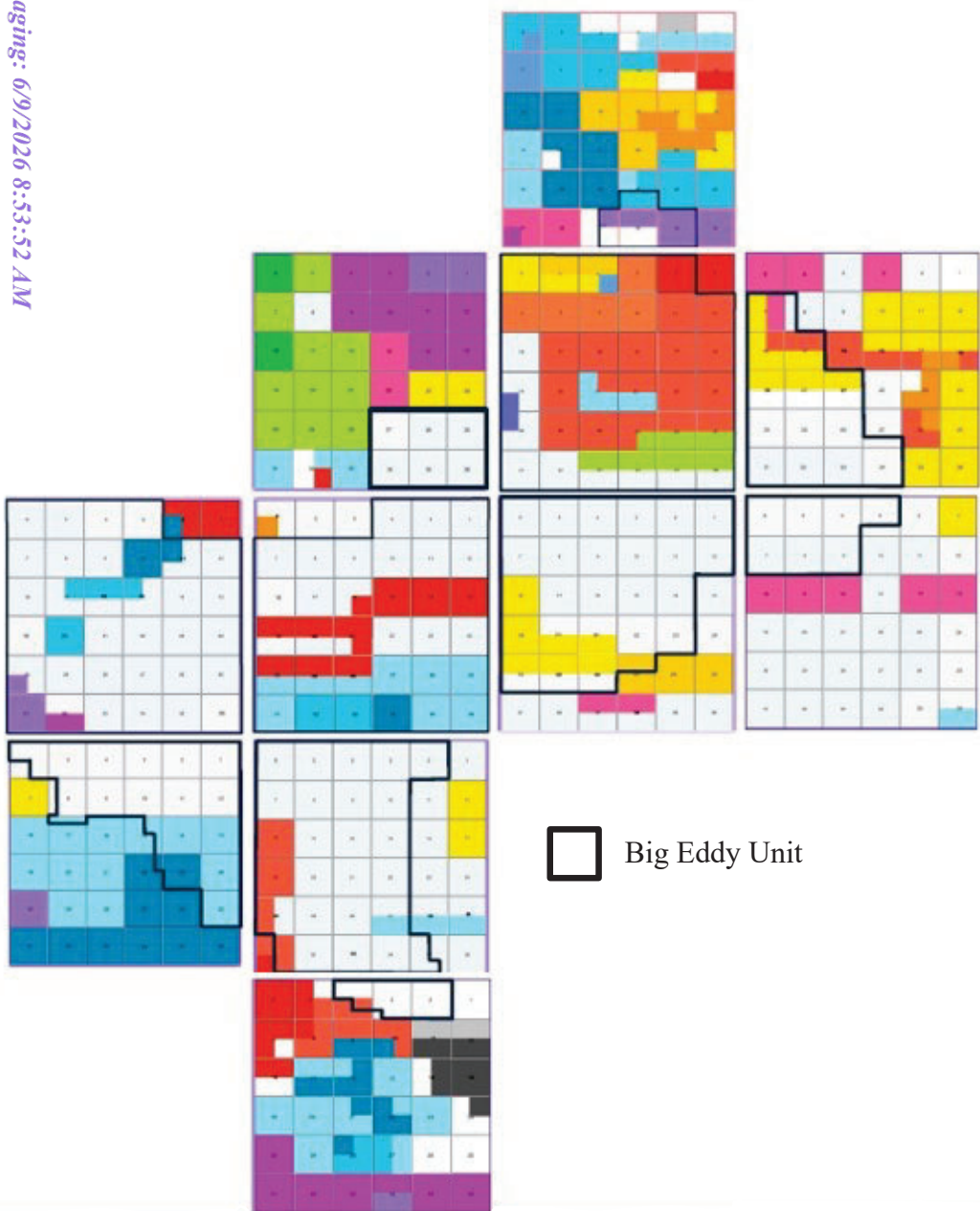
*Compiled from the Bone Spring pools map (Exhibit B) and the Wolfcamp pools map (Exhibit C). Each township entry contains the tract narrative and then lists the Wolfcamp (WC) pools and Bone Spring (BS) pools WITHIN the unit boundary ONLY.*

1. **Township 19 South, Range 31 East, N.M.P.M.** (Section 27: S/2; Section 33: E/2; Sections 34–35: all)
  - **Wolfcamp:** no WC pool over Sections 27, 33, 34, or 35.
  - **Bone Spring:** Hackberry; BS East (#96746) covers Section 27. WC Williams Sink; BS (#97650) is present in Sections 33–35.
2. **Township 20 South, Range 31 East, N.M.P.M.** (Sections 2–36: all)
  - **Wolfcamp:** Big Eddy; WC (gas) #72120—Sections 2, 3, 7–12. WC 015-G072031S13M; WC (gas) #98343—Sections 13–14.
  - **Bone Spring:** WC Williams Sink; BS #97650—Sections 2–3, 7–17, 20–29. Gatuna Canyon; BS #96688—Sections 4–6. Hackberry BS South #29347—Section 4. Big Eddy; BS #5540—Sections 21–22 (upper sands). Maroon Cliff; BS #96722—Sections 19, 30. WC-015 G-06 S203127; BS #98232—Sections 25–27 (lower sands), 33–36.
3. **Township 20 South, Range 30 East, N.M.P.M.** (Sections 25–27, 34–36: all)
  - **Wolfcamp:** no WC pool coverage shown.
  - **Bone Spring:** no BS pool coverage shown over Sections 25–27 or 34–36.
4. **Township 20 South, Range 32 East, N.M.P.M.** (Section 7; Section 8: W/2W/2; Sections 17–21; Section 27: S/2S/2; Sections 28–34)
  - **Wolfcamp:** Big Eddy; WC (gas) #72120—Section 7. Salt Lake; WC #53570—Sections 19–21, 27–30.
  - **Bone Spring:** Salt Lake; BS #53560—Sections 7, 17–21. Lusk; BS South #41460—Section 7.
5. **Township 21 South, Range 28 East, N.M.P.M.** (Sections 3–36)
  - **Wolfcamp:** Burton Flat Upr WC (oil) #98315—Sections 3–4. Lone Tree Draw; WC #97208—Sections 19–20. Carlsbad WC East (gas) #74160—Sections 31–32. Indian Flats; WC #79115—Section 36.
  - **Bone Spring:** Fenton; BS, Northeast #24300—Sections 10, 11, 15–17, 20. Carlsbad; BS, East #96144—Sections 30–32.
6. **Township 21 South, Range 29 East, N.M.P.M.** (Sections 1–3; Sections 7–36)

- **Wolfcamp:** Golden Lane; WC (gas) #77620—Section 18 (legacy) and Sections 19, 25–36 (proposed).
  - **Bone Spring:** U.S.; BS #97077—Sections 34 (ordered), 25–36 (permitted). WC-015 G-08 S212915D; BS #98053—Sections 13–16, 19-21, 28-30 (upper/lower sands).
7. **Township 21 South, Range 30 East, N.M.P.M.** (Sections 1–12; Sections 14–23; Section 27: N/2; Sections 28–30)
- **Wolfcamp:** Golden Lane; WC (gas) #77620—Sections 19–23, 27–30.
  - **Bone Spring:** WC 015 G08 S212915D; BS #98053—Sections 18–21, 28–30. WC 015 G08 S212915D; BS #98053—Section 27.
8. **Township 21 South, Range 31 East, N.M.P.M.** (Section 3: lots 1–16; Sections 4–9)
- **Wolfcamp:** no WC pool coverage shown over Sections 3–9.
  - **Bone Spring:** no BS pool coverage shown over Sections 3–9.
9. **Township 22 South, Range 28 East, N.M.P.M.** (Sections 1–5; Section 6: lots + N/2, SE/4; Section 8: E/2, E/2W/2; Sections 9–14; Section 15: NE/4, E/2SE/4; Section 17: N/2N/2; Section 22: E/2NE/4; Sections 23–25)
- **Wolfcamp:** Purple Sage; WC (gas) #98220 is mapped across all tract sections.
  - **Bone Spring:** Culebra Bluff; BS, South #15011—Sections 13–15, 17, 22, 23–25.
10. **Township 22 South, Range 29 East, N.M.P.M.** (Sections 2–10; Sections 15–22; Sections 27–30; Section 31: E/2; Sections 32–34; Section 35: W/2, W/2SE/4)
- **Wolfcamp:** WC-015 S222919I; WC (gas) #98395—Section 18.
  - **Bone Spring:** Culebra Bluff; BS, South #15011—Sections 18, 19, 30, 31. WC 015 G06 S282229A; BS #98340—Section 27.
11. **Township 23 South, Range 29 East, N.M.P.M.** (Section 2: all; Section 3: N/2, N/2S/2, SE/4SW/4, S/2SE/4; Section 4: N/2, N/2SE/4)
- **Wolfcamp:** Purple Sage; WC (gas) #98220—Sections 2, 3, 4.
  - **Bone Spring:** Culebra Bluff; BS, South #15011—Section 4.

# BIG EDDY UNIT — Bone Spring Master Map

Lea & Eddy Counties, NM · Permian Basin · T19S–T23S / R28E–R32E



## MASTER INDEX OF COLORS

DARKEST SHADES OF EACH COLOR:  
LEGACY/ MATURE/ ADMINISTERED / ORDERED



MID INTENSITY SHADES OF EACH COLOR:  
PERMITTED / DEVELOPMENT  
(FOOTPRINT)



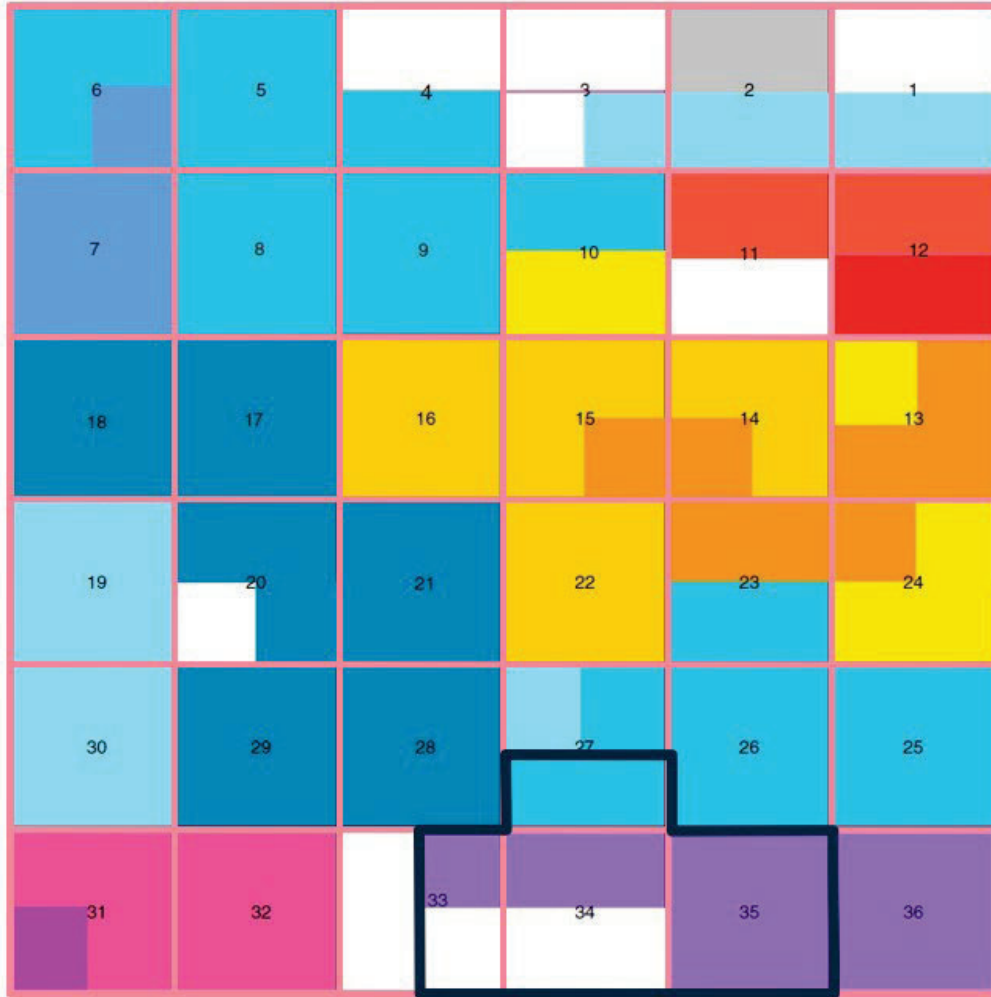
LIGHTER SHADES OF EACH COLOR:  
PROPOSED / PRE-PERMITTING (FOOTPRINT)









 Big Eddy Unit

# T19S R31E — BIG EDDY Bone Spring (BS) Detail

 Big Eddy Unit in This Township/Range



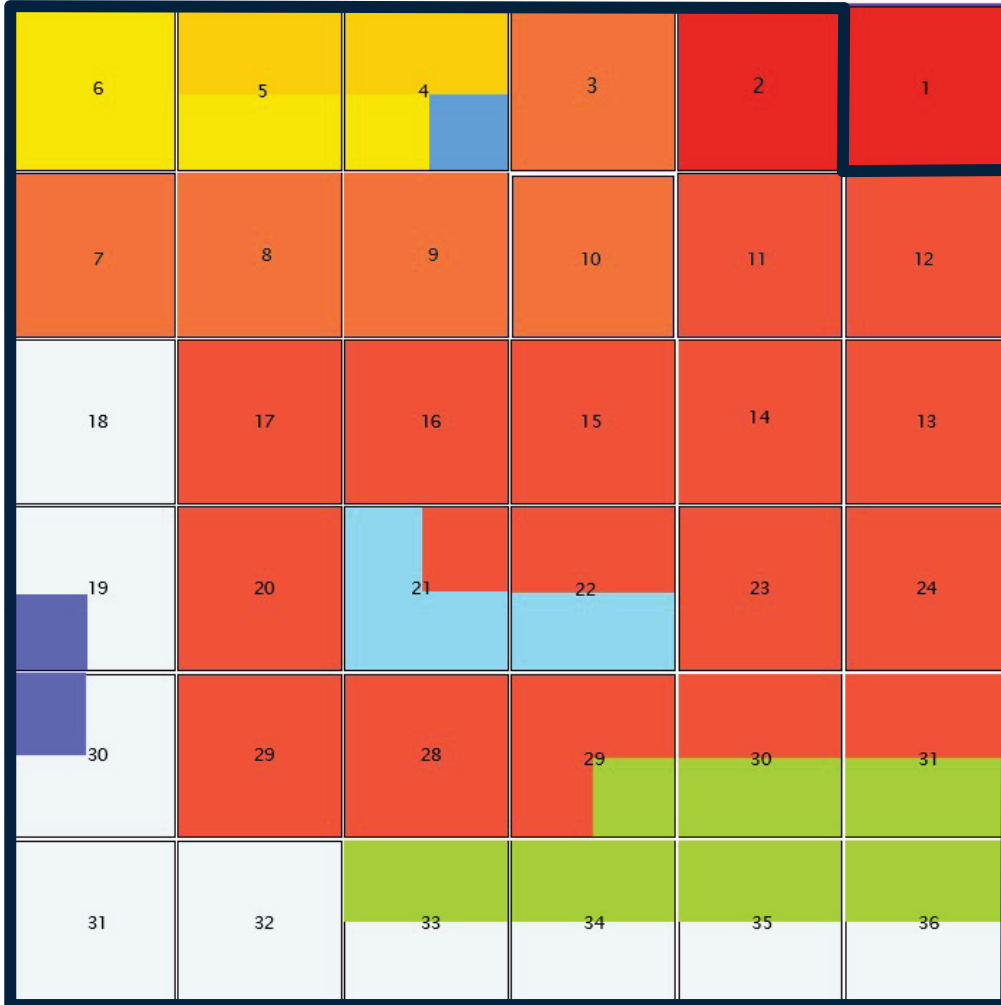
**Pools in this Township (COLOR, POOL, NOTES):**

- 
**SHADES OF RED: GREENWOOD; BS (29290)**  
 ORDERED/LEGACY/MATURE/PERMITTED POOL  
 Sections: 11-12
- 
**SHADES OF YELLOW/ORANGE: LUSK; BS, NW (41480)**  
 ORDERED/LEGACY/MATURE/PERMITTED POOL  
 Sections: 10, 13-16, 22-24
- 
**SHADES OF BLUE: HACKBERRY; BS (29345)**  
 ORDERED/LEGACY/MATURE/PERMITTED POOL  
 Sections: 1-10, 17-21, 23, 25-30
- 
**SHADES OF PINK: GATUNA CANYON; BS (96688)**  
 ORDERED/LEGACY/MATURE POOL  
 Sections: 31-32
- 
**GRAY: WATKIN; BS (63345)**  
 PROPOSED POOL  
 Sections: 2
- 
**PURPLE: WC WILLIAMS SINK; BS (97650)**  
 LEGACY/MATURE  
 Sections: 33-36



# T20S R31E — BIG EDDY Bone Spring (BS) Detail

 Big Eddy Unit in This Township/Range



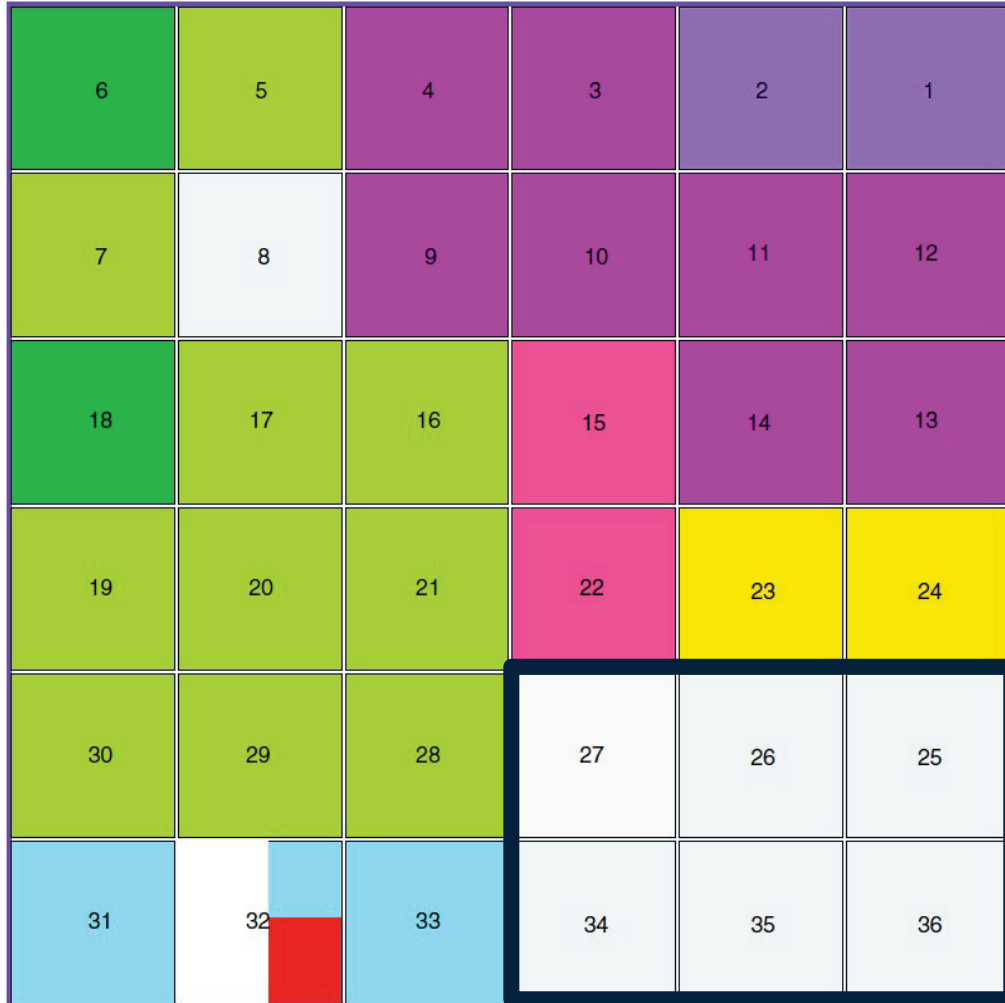
## Pools in this Township (COLOR, POOL, NOTES):

- 
**SHADES OF RED: WC WILLIAMS SINK; BS (97650)**  
 LEGACY/ DEPLETED/ ABANDONED / DEVELOPMENT (Footprint)  
 Sections: 1, 2, 3, 7-17, 20-29
- 
**SHADES OF YELLOW: GATUNA CANYON; BS (96688)**  
 LEGACY/ DEPLETED/ PROPOSED / DEVELOPMENT (Footprint)  
 Sections: 4, 5, 6
- 
**DARK BLUE: HACKBERRY BS SOUTH (29347)**  
 ADMINISTERED POOL  
 Sections: 4
- 
**LIGHT BLUE: BIG EDDY; BS (5540)**  
 PROPOSED POOL  
 Sections: 21
- 
**PURPLE: MAROON CLIFF; BS (96722)**  
 ADMINISTERED POOL  
 Sections: 19, 30
- 
**GREEN: WC-015 G-06 S203127; BS (98232)**  
 PROPOSED / PRE-PERMITTING / PERMITTED / DEVELOPMENT  
 Sections: 33-36



# T20S R30E — BIG EDDY Bone Spring (BS) Detail

 Big Eddy Unit Boundary in This Township/Range



**Pools in this Township (COLOR, POOL, NOTES):**

 **SHADES OF GREEN: PARKWAY; BS, NORTHEAST (49622)**

ORDERED/DEVELOPED/PERMITTED

Sections: 5-7, 16-21, 28-30

 **SHADES OF PURPLE/PINK: GATUNA CANYON; BS (96688)**

LEGACY/MATURE/DEVELOPMENT/PERMITTED

Sections: 1-4, 9-15, 22

 **BLUE: WC 015 G-05 S202935P; BS, (97995)**


PRE-PERMITTED/PROPOSED

Sections: 31-33

 **YELLOW: MAROON CLIFF; BS, (96722)**

DEVELOPMENT/PERMITTED

Sections: 23-24

 **RED: WC-015 G-04 S203032P; BS (98008)**

LEGACY/MATURE

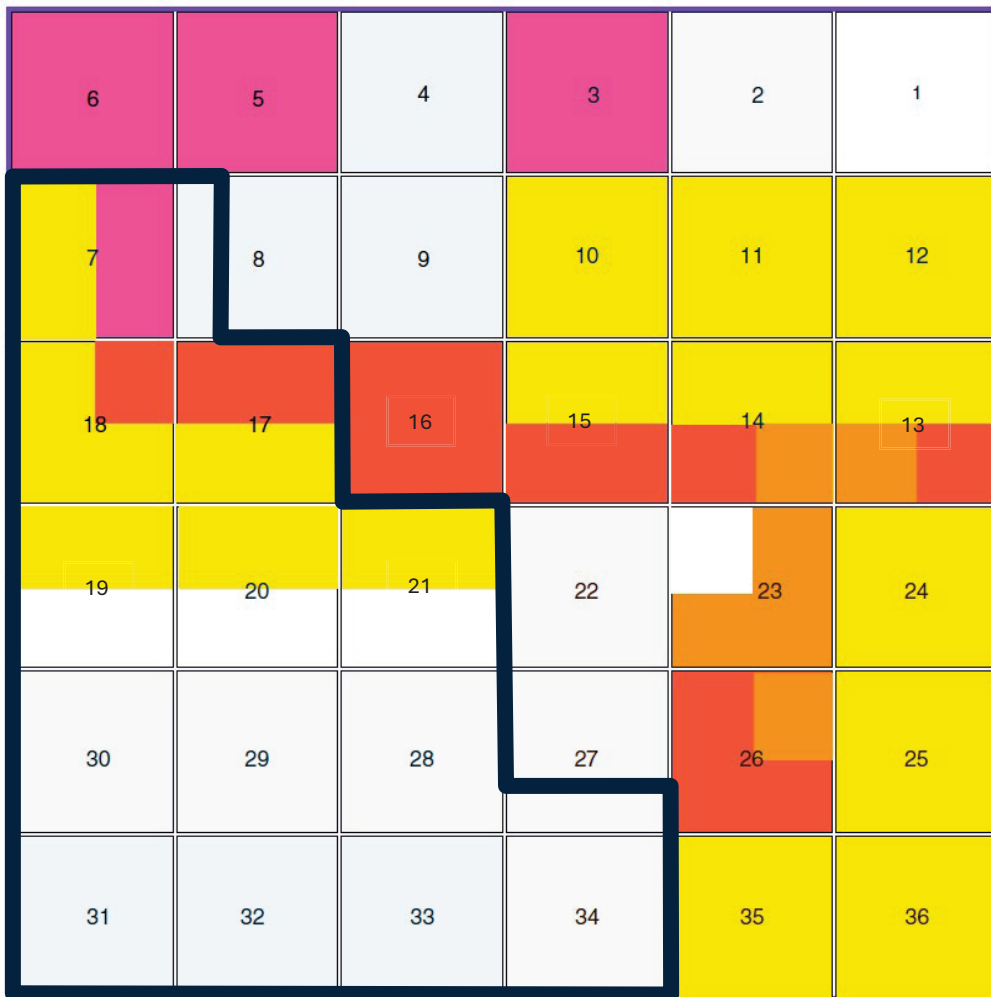
Sections: 32





# T20S R32E — BIG EDDY Bone Spring (BS) Detail

 Big Eddy Unit Boundary in This Township/Range

**Pools in this Township (COLOR, POOL, NOTES):**



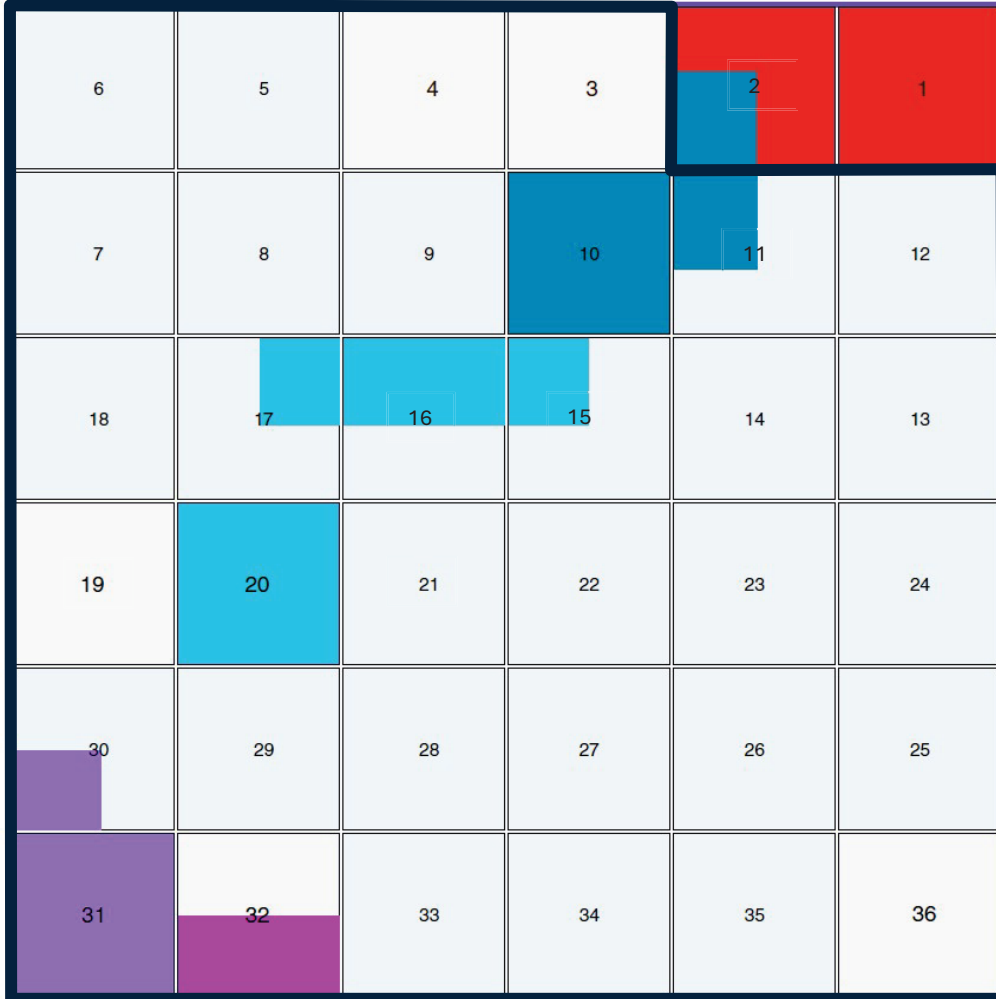
 **SHADES OF ORANGE/YELLOW: SALT LAKE; BS (53560)**  
 ORDERED/ ADMINISTERED/ MATURE/ DEVELOPMENT  
 Sections: 7, 10-21, 23-26, 35, 36

 **SHADES OF PINK: LUSK; BS (41460)**  
 LEGACY/DEPLETED/PROPOSED/ DEVELOPMENT  
 (Footprint)  
 Sections: 7, 10-21, 23-26, 35, 36






# T21S R28E — BIG EDDY Bone Spring (BS) Detail

 Big Eddy Unit Boundary in This Township/Range



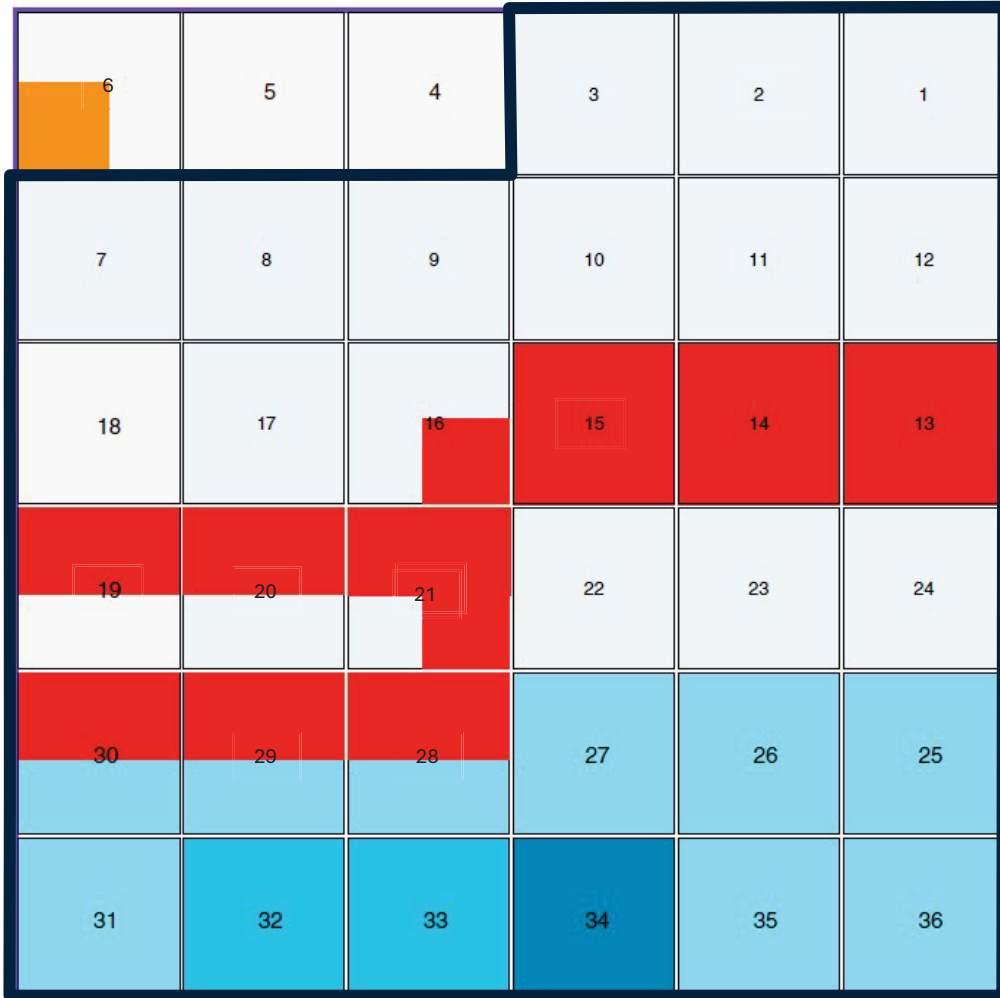
**Pools in this Township (COLOR, POOL, NOTES):**

- 
**SHADES OF BLUE: FENTON; BS, NORTHEAST (24300)**  
 ORDERED / DEVELOPED / PERMITTED  
 Sections: 2,10-11, 15-17, 20
  
- 
**SHADES OF PURPLE: CARLSBAD; BS, EAST (24300)**  
 ORDERED / DEVELOPMENT / PERMITTED  
 Sections: 30-32
  
- 
**RED: WC 015 G-05 S202935P; BS, (97995)**  
 ORDERED / DEVELOPMENT / PERMITTED  
 Sections: 1-2




# T21S R29E — BIG EDDY Bone Spring (BS) Detail


 Big Eddy Unit Boundary in This Township/Range



**Pools in this Township (COLOR, POOL, NOTES):**

 **SHADES OF BLUE: U.S.; BS (27077)**  
 ORDERED / DEVELOPED / PERMITTED  
 Sections: 25-36

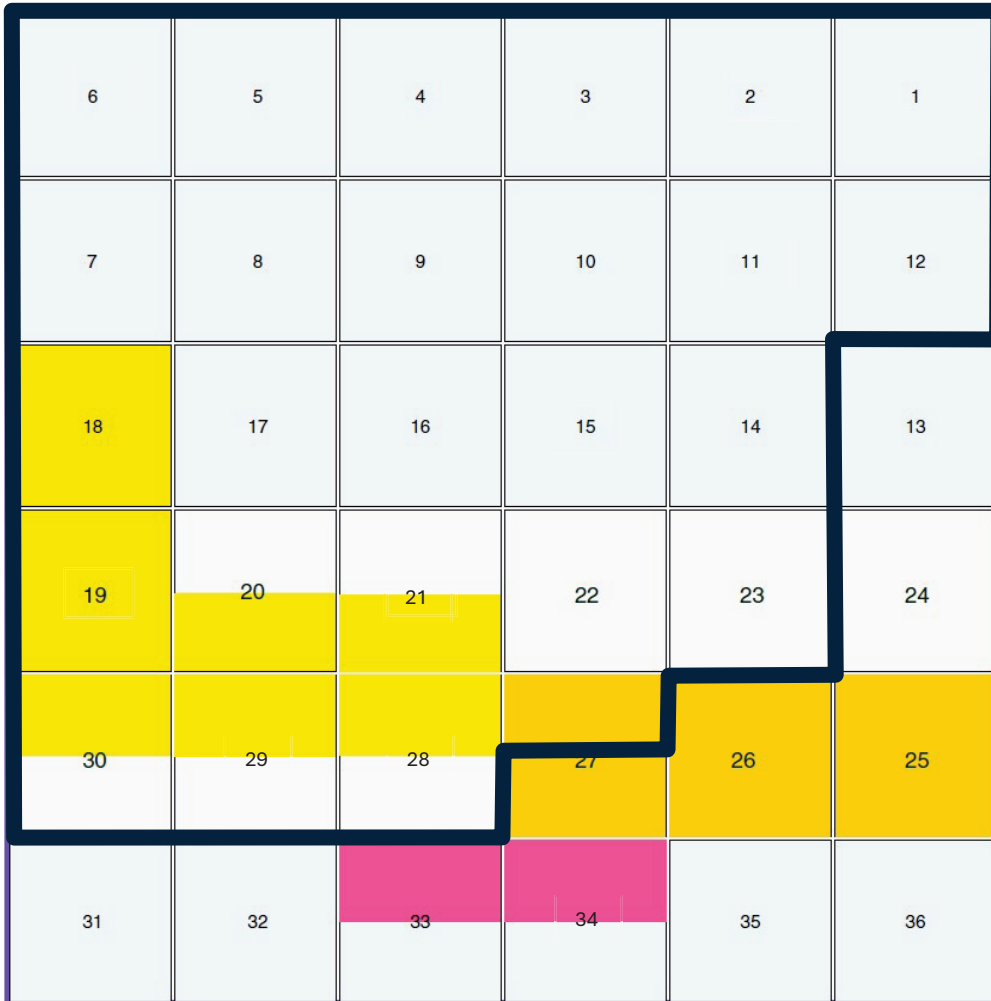
 **RED: WC-015 G-08 S212915D; BS (98053)**  
 MATURE / LEGACY  
 Sections: 13-15

 **ORANGE: GOLDEN LANE; BS (GAS) ()**  
 MATURE / LEGACY (To Be Abolished)  
 Sections: 6



# T21S R30E — BIG EDDY Bone Spring (BS) Detail

 Big Eddy Unit Boundary in This Township/Range



**Pools in this Township (COLOR, POOL, NOTES):**

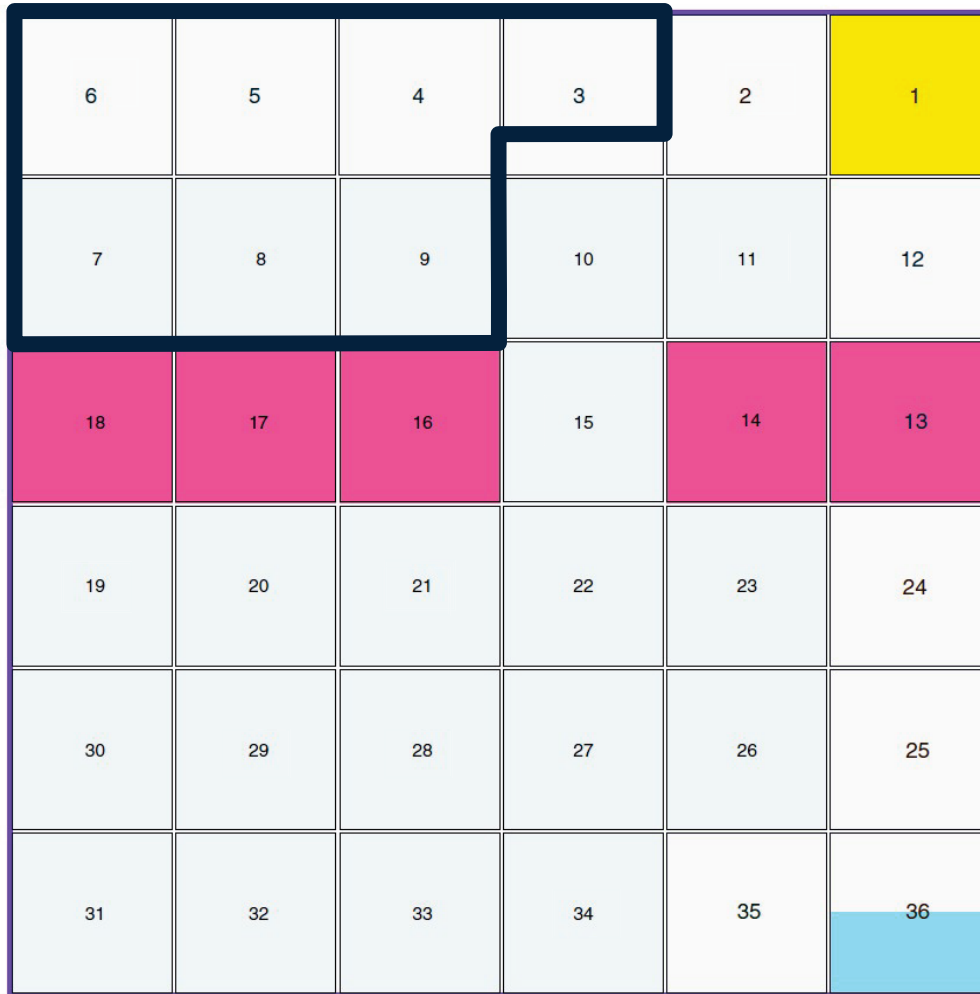
 **SHADES OF YELLOW: WC 015 G08 S212915D; BS (98053)**  
 PERMITTED / PROPOSED / DEVELOPMENT (Footprint)  
 Sections: 18-21, 25-30

 **PINK: WC 015 G07 2130S33M; BS (98331)**  
 PERMITTED / DEVELOPMENT (Footprint)  
 Sections: 33-34




# T21S R31E — BIG EDDY Bone Spring (BS) Detail


 Big Eddy Unit Boundary in This Township/Range



**Pools in this Township (COLOR, POOL, NOTES):**

 **YELLOW: WC 015 G08 S212915D; BS (98053)**  
 PROPOSED / DEVELOPMENT (Footprint)  
 Sections: 1

 **PINK: WC-025 G-06 S213217K; BS (97961)**  
 PROPOSED / DEVELOPMENT (Footprint)  
 Sections: 13,14, 16-18

 **LIGHT BLUE: BILBREY BASIN; BS (5695)**  
 PROPOSED / DEVELOPMENT (Footprint)  
 Sections: 36

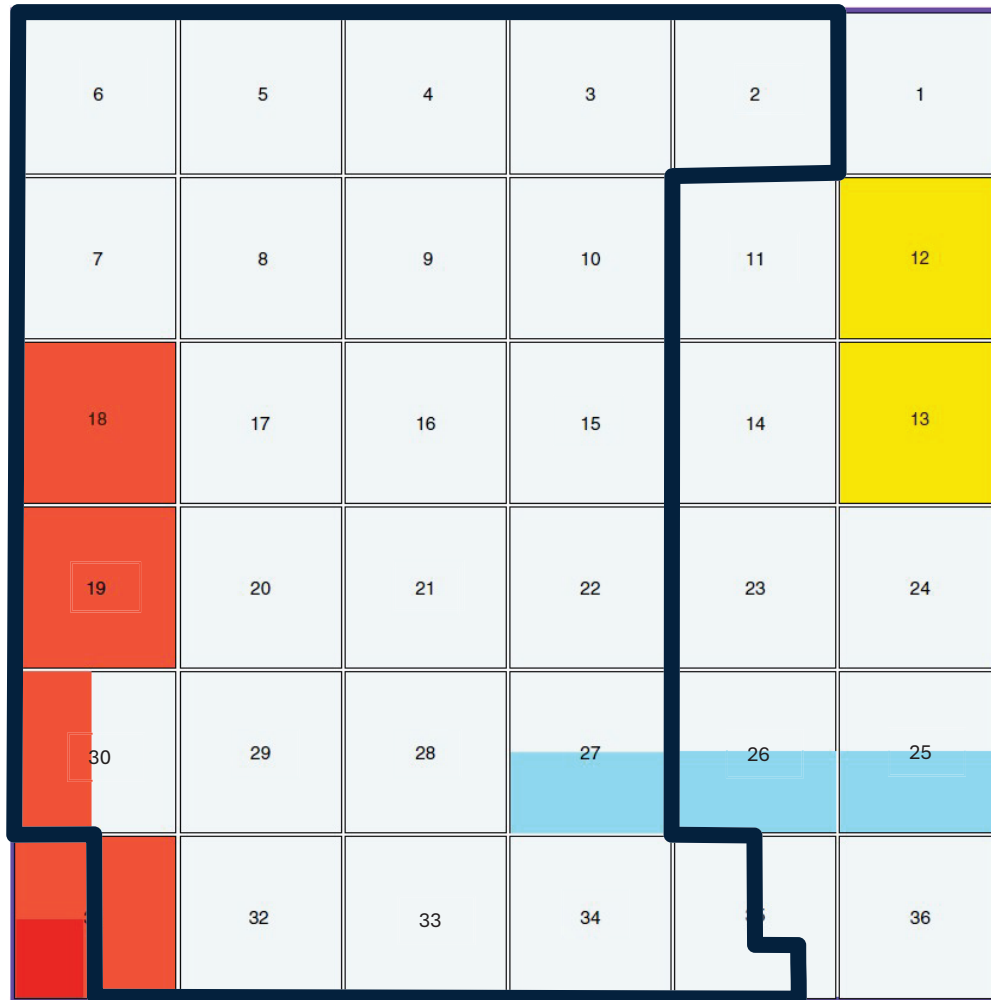






# T22S R29E — BIG EDDY Bone Spring (BS) Detail


 Big Eddy Unit Boundary in This Township/Range

**Pools in this Township (COLOR, POOL, NOTES):**



 **YELLOW: WILDCAT G-07 S223021G; BS (97905)**  
 DEVELOPMENT/PERMITTED (Footprint)  
 Sections: 12-13

 **SHADES OF RED: CULEBRA BLUFF; BS, SOUTH (15011)**  
 LEGACY/MATURE/ABANDONED/ORDERED/DEVELOPED (Footprint)  
 Sections: 18-19, 30-31

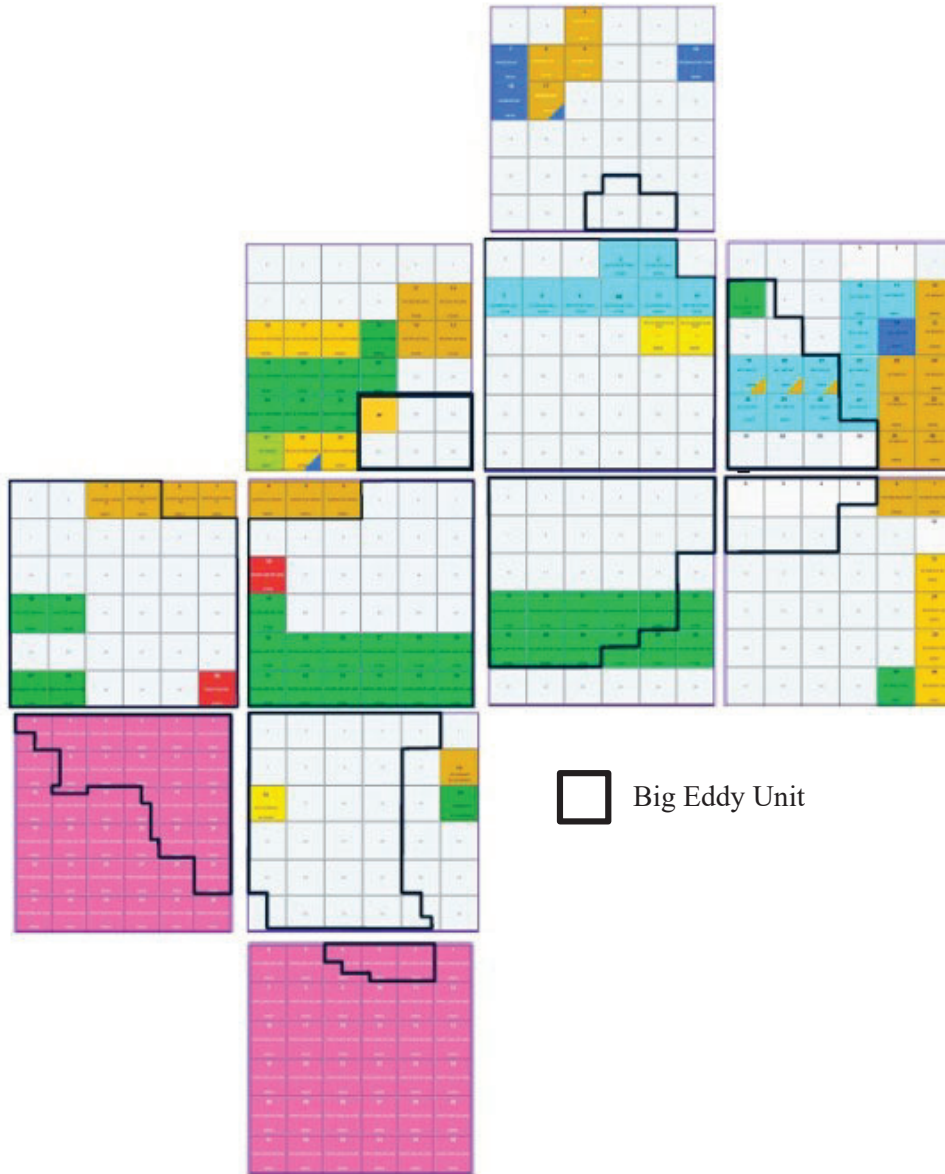
 **LIGHT BLUE: WC 015 G06 S282229A; BS (98340)**  
 DEVELOPMENT/PERMITTED (Footprint)  
 Sections: 25-27





# BIG EDDY UNIT — Wolfcamp Master Map

Lea & Eddy Counties, NM · Permian Basin · T19S–T23S / R28E–R32E



## MASTER LEGEND ON COLORS

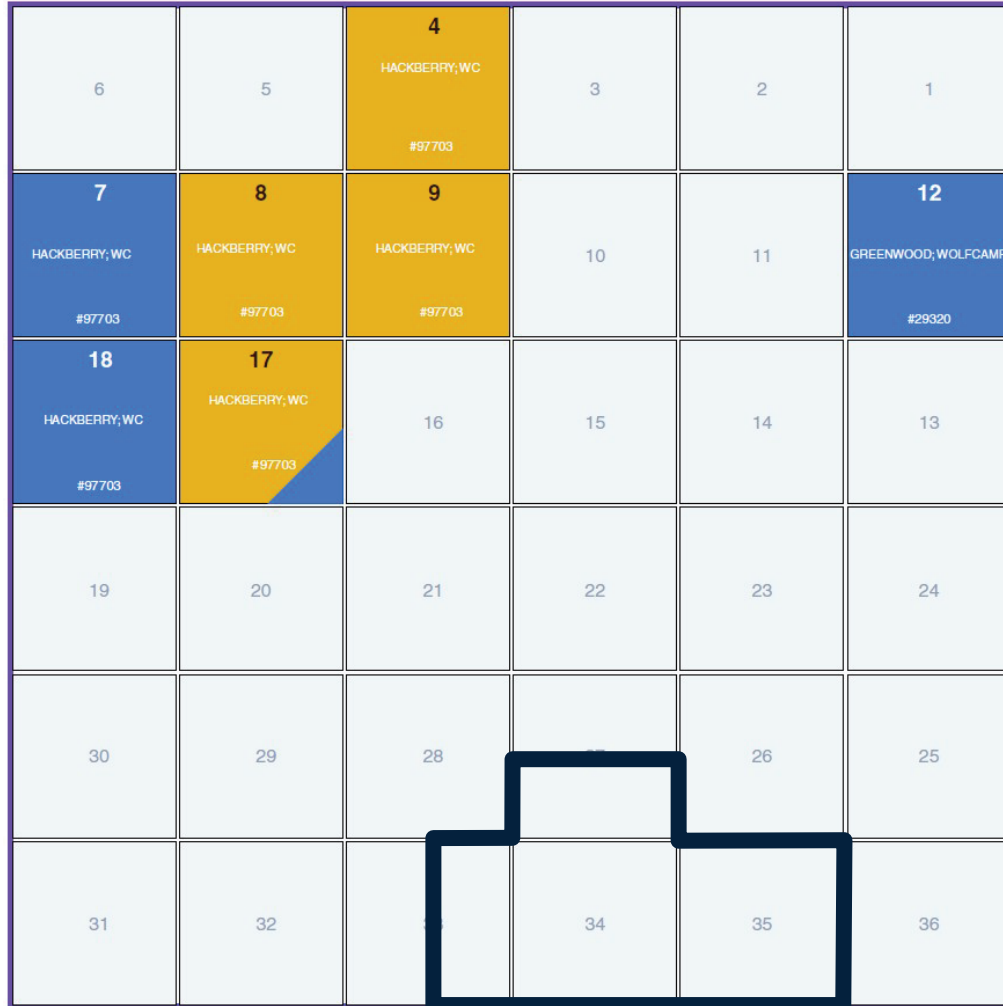
- Pre-permit / Active Process to Permit Production
- Permitted and sometimes Producing (and Operator may not have gone back to OCD to get it ordered)
- Legacy Gas / Mature / Depleted
- Ordered / Administrative Boundary
- Pre-permit Footprint (Gas)
- Special Pool (Combining older pools)
- Big Eddy Unit Boundary Through Townships
- Townships with Big Eddy Unit
- Dual Pool Assignment (corner triangle)



# T19S R31E — BIG EDDY Wolfcamp (WC) Detail

 Big Eddy Unit in This Township/Range

**Pools in this Township (COLOR, POOL, NOTES):**



-  **YELLOW: HACKBERRY; WC (97703)**  
ACTIVELY PRODUCING /PERMITTED FIELD  
Sections: 4, 8, 9, 17
-  **BLUE: HACKBERRY; WC WEST (97703)**  
ORDERED / ADMINISTRATIVE BOUNDARY  
Sections: 7, 17, 18
-  **BLUE: GREENWOOD; WC (29320)**  
ORDERED / ADMINISTRATIVE BOUNDARY  
Sections: 12




# T20S R31E — BIG EDDY Wolfcamp (WC) Detail

 Big Eddy Unit in This Township/Range

**Pools in this Township (COLOR, POOL, NOTES):**

6	5	4	3 BIG EDDY: WC (GAS) #72120	2 BIG EDDY: WC (GAS) #72120	1
7 BIG EDDY: WC (GAS) #72120	8 BIG EDDY: WC (GAS) #72120	9 BIG EDDY: WC (GAS) #72120	10 BIG EDDY: WC (GAS) #72120	11 BIG EDDY: WC (GAS) #72120	12 BIG EDDY: WC (GAS) #72120
18	17	16	15	14 WC 015-G072031S13M (GAS) #98343	13 WC 015-G072031S13M (GAS) #98343
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

 LIGHT BLUE: BIG EDDY; WC (GAS) (72120)  
PROPOSED FOOTPRINT  
Sections: 2-3, 7-12

 YELLOW: WC 015-G07 2031S13 M; WC (98343)  
PERMITTED/ACTIVELY PRODUCING  
Sections: 12-13



# T20S R30E — BIG EDDY Wolfcamp (WC) Detail

 Big Eddy Unit in This Township/Range

6	5	4	3	2	1
7	8	9	10	11 BIG EDDY: WC (GAS) #72120	12 BIG EDDY: WC (GAS) #72120
18 WC-015 G-07: WOLF CAMP #97963	17 WC-015 G-07: WOLF CAMP #97963	16 WC-015 G-07: WOLF CAMP #97963	15 WC-015 G-07: WOLF CAMP #97963	14 BIG EDDY: WC (GAS) #72120	13 BIG EDDY: WC (GAS) #72120
19 WC-015 G-07: WOLF CAMP #97963	20 WC-015 G-07: WOLF CAMP #97963	21 WC-015 G-07: WOLF CAMP #97963	22 WC-015 G-07: WOLF CAMP #97963	23	24
30 WC-015 G-07: WOLF CAMP #97963	29 WC-015 G-07: WOLF CAMP #97963	28 WC-015 G-07: WOLF CAMP #97963	27	26	25
31 WC 20S29E23 #98357	32 WC-015 G-07: WOLF CAMP #97963	33 WC-015 G-07: WOLF CAMP #97963	34	35	36

**Pools in this Township (COLOR, POOL, NOTES):**

-  **DARK GREEN: WC-015 G-07 S203032G; WC (97963)**  
PRE-PERMITTING/PROPOSED  
Sections: 15, 19-22, 28-30
-  **LIGHT GREEN: WC 20S29E23; WC (98357)**  
PRE-PERMITTING/PROPOSED  
Sections: 31
-  **LIGHT YELLOW: WC-015 G-07 S203032G; WC (97963)**  
ACTIVELY PRODUCING/PERMITTED  
Sections: 16-18, 27, 32-33
-  **DARK YELLOW: BIG EDDY; WC (GAS) (72120)**  
ACTIVELY PRODUCING/PERMITTED  
Sections: 11-14
-  **BLUE: WC-015 G-07 S203032G (97963)**  
ORDERED / ADMINISTRATIVE BOUNDARY  
Sections: 32




# T20S R32E — BIG EDDY Wolfcamp (WC) Detail

 Big Eddy Unit in This Township/Range

**Pools in this Township (COLOR, POOL, NOTES):**



 LIGHT BLUE: SALT LAKE; WC (53570)  
PRE-PERMIT  
Sections: 10-11, 15, 19-22, 27-30

 BLUE: SALT LAKE; WC (53570)  
ORDERED / ADMINISTRATIVE BOUNDARY  
Sections: 14

 DARK YELLOW: HATE MESA; WC (GAS) (96438)  
PERMITTED/ MAYBE ACTIVELY PRODUCING BOUNDARY  
Sections: 12-13, 23-26, 35-36

 GREEN: BIG EDDY; WC (GAS) (72120)  
PRE-PERMIT (FOOTPRINT)  
Sections: 11-14



# T21S R28E — BIG EDDY Wolfcamp (WC) Detail

Big Eddy Unit in This Township/Range

**Pools in this Township (COLOR, POOL, NOTES):**

6	5	4 BURTON FLAT UPR WC OIL #98315	3 BURTON FLAT UPR WC OIL #98315	2 BURTON FLAT UPR WC OIL #98315	1 BURTON FLAT UPR WC OIL #98315
7	8	9	10	11	12
18	17	16	15	14	13
19 LONE TREE DRAW; WC #97208	20 LONE TREE DRAW; WC #97208	21	22	23	24
30	29	28	27	26	25
31 CARLSBAD WC EAST (GAS) #74160	32 CARLSBAD WC EAST (GAS) #74160	33	34	35	36 INDIAN FLATS; WC #79115

-  **DARK GREEN: CARLSBAD; WC EAST (74160)**  
PRE-PERMITTING/PROPOSED  
Sections: 31-32
-  **LIGHT GREEN: LONE TREE DRAW; WC (97208)**  
PRE-PERMITTING/IN PROCESS TO DEVELOPMENT  
Sections: 19-20
-  **YELLOW: BURTON FLAT; UPPER WC EAST (98315)**  
ACTIVELY PRODUCING/PERMITTED  
Sections: 1-4
-  **RED: INDIAN FLATS; WC (79115)**  
LEGACY GAS/MATURE/DEPLETED  
Sections: 36





# T21S R29E — BIG EDDY Wolfcamp (WC) Detail

 Big Eddy Unit in This Township/Range

6 BURTON FLAT UPR WC #98315	5 BURTON FLAT UPR WC #98315	4 BURTON FLAT UPR WC #98315	3	2	1
7	8	9	10	11	12
18 GOLDEN LANE, WC (GAS) #77620	17	16	15	14	13
19 GOLDEN LANE, WC (GAS) #77620	20	21	22	23	24
30 GOLDEN LANE, WC (GAS) #77620	29 GOLDEN LANE, WC (GAS) #77620	28 GOLDEN LANE, WC (GAS) #77620	27 GOLDEN LANE, WC (GAS) #77620	26 GOLDEN LANE, WC (GAS) #77620	25 GOLDEN LANE, WC (GAS) #77620
31 GOLDEN LANE, WC (GAS) #77620	32 GOLDEN LANE, WC (GAS) #77620	33 GOLDEN LANE, WC (GAS) #77620	34 GOLDEN LANE, WC (GAS) #77620	35 GOLDEN LANE, WC (GAS) #77620	36 GOLDEN LANE, WC (GAS) #77620

**Pools in this Township (COLOR, POOL, NOTES):**

-  **GREEN: GOLDEN LANE; WC (77620)**  
PROPOSED/PRE-PERMITTING  
Sections: 19, 25-36
-  **YELLOW: BURTON FLAT; UPPER WC EAST (98315)**  
ACTIVELY PRODUCING/PERMITTED  
Sections: 4-6
-  **RED: GOLDEN LANE; WC (77620)**  
LEGACY GAS/MATURE/DEPLETED  
Sections: 18



# T21S R30E — BIG EDDY Wolfcamp (WC) Detail

Big Eddy Unit in This Township/Range

**Pools in this Township (COLOR, POOL, NOTES):**

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19 GOLDEN LANE, WC (GAS) #77620	20 GOLDEN LANE, WC (GAS) #77620	21 GOLDEN LANE, WC (GAS) #77620	22 GOLDEN LANE, WC (GAS) #77620	23 GOLDEN LANE, WC (GAS) #77620	24 GOLDEN LANE, WC (GAS) #77620
30 GOLDEN LANE, WC (GAS) #77620	29 GOLDEN LANE, WC (GAS) #77620	28 GOLDEN LANE, WC (GAS) #77620	27 #77620	26 GOLDEN LANE, WC (GAS) #77620	25 GOLDEN LANE, WC (GAS) #77620
31	32	33	34	35	36

 GREEN: GOLDEN LANE; WC (77620)  
PROPOSED  
Sections: 19-30






# T21S R31E — BIG EDDY Wolfcamp (WC) Detail

 Big Eddy Unit in This Township/Range

6	5	4	3	2 HAT MESA; WOLF CAMP #96438	1 HAT MESA; WOLF CAMP #96438
7	8	9	10	11	12
18	17	16	15	14	13 WC 22S31E13; WC #98351
19	20	21	22	23	24 WC 22S31E13; WC #98351
30	29	28	27	26	25 WC 22S31E13; WC #98351
31	32	33	34	35 WC 22S31E13; WC #98351	36 WC 22S31E13; WC #98351

**Pools in this Township (COLOR, POOL, NOTES):**

-  **GREEN: WC 22S31E13; WC (98351)**  
PRE-PERMITTING/PROPOSED  
Sections: 35
-  **LIGHT YELLOW: WC22S31E13; WC (98351)**  
ACTIVELY PRODUCING/PERMITTED  
Sections: 13, 24-25, 36
-  **DARK YELLOW: HAT MESA; WC (96438)**  
ACTIVELY PRODUCING/PERMITTED  
Sections: 1-2



# T22S R28E — BIG EDDY Wolfcamp (WC) Detail

 Big Eddy Unit in This Township/Range

**Pools in this Township (COLOR, POOL, NOTES):**

6 WC (GAS) #98220	5 PURPLE SAGE; WC (GAS) #98220	4 PURPLE SAGE; WC (GAS) #98220	3 PURPLE SAGE; WC (GAS) #98220	2 PURPLE SAGE; WC (GAS) #98220	1 PURPLE SAGE; WC (GAS) #98220
7 PURPLE SAGE; WC (GAS) #98220	8 PURPLE SAGE; WC (GAS) #98220	9 PURPLE SAGE; WC (GAS) #98220	10 PURPLE SAGE; WC (GAS) #98220	11 PURPLE SAGE; WC (GAS) #98220	12 PURPLE SAGE; WC (GAS) #98220
18 PURPLE SAGE; WC (GAS) #98220	17 PURPLE SAGE; WC (GAS) #98220	16 PURPLE SAGE; WC (GAS) #98220	15 PURPLE SAGE; WC (GAS) #98220	14 PURPLE SAGE; WC (GAS) #98220	13 PURPLE SAGE; WC (GAS) #98220
19 PURPLE SAGE; WC (GAS) #98220	20 PURPLE SAGE; WC (GAS) #98220	21 PURPLE SAGE; WC (GAS) #98220	22 PURPLE SAGE; WC (GAS) #98220	23 PURPLE SAGE; WC (GAS) #98220	24 PURPLE SAGE; WC (GAS) #98220
30 PURPLE SAGE; WC (GAS) #98220	29 PURPLE SAGE; WC (GAS) #98220	28 PURPLE SAGE; WC (GAS) #98220	27 PURPLE SAGE; WC (GAS) #98220	26 PURPLE SAGE; WC (GAS) #98220	25 PURPLE SAGE; WC (GAS) #98220
31 PURPLE SAGE; WC (GAS) #98220	32 PURPLE SAGE; WC (GAS) #98220	33 PURPLE SAGE; WC (GAS) #98220	34 PURPLE SAGE; WC (GAS) #98220	35 PURPLE SAGE; WC (GAS) #98220	36 PURPLE SAGE; WC (GAS) #98220

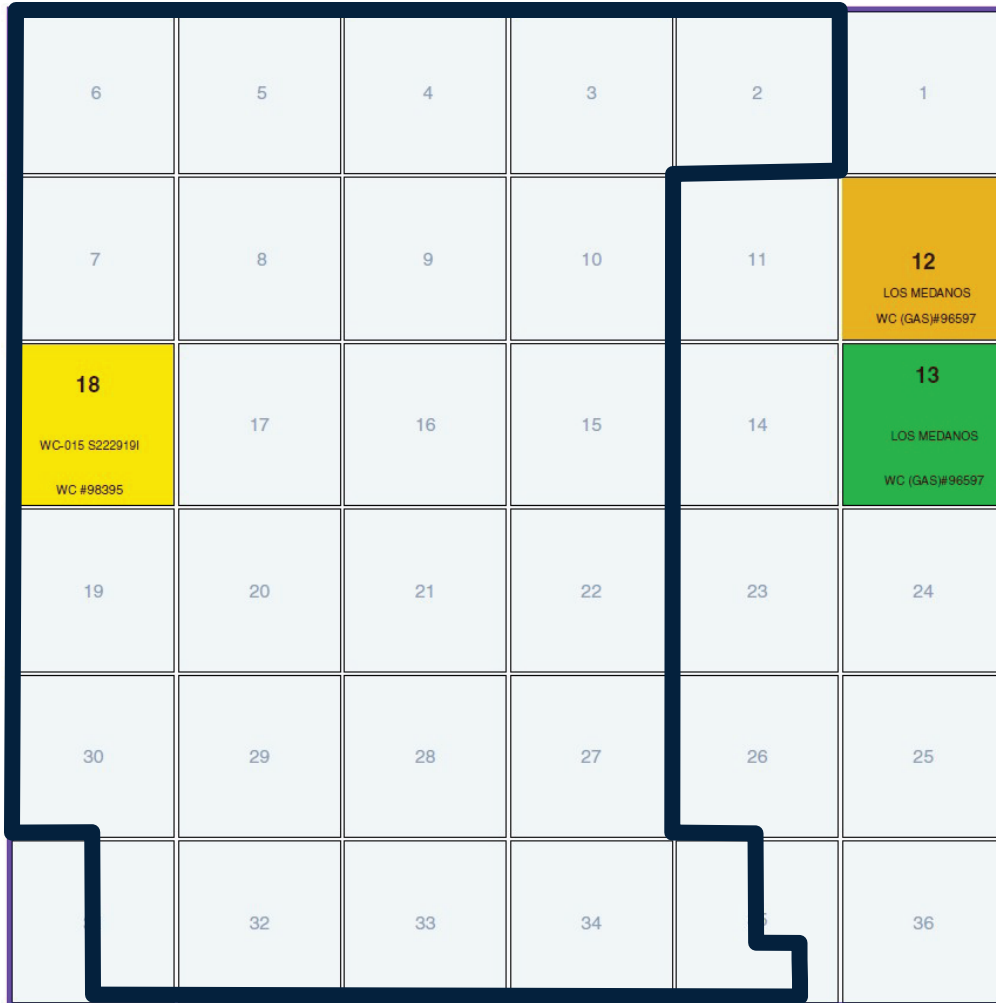
 **PINK: PURPLE SAGE; WC (98220)**  
SPECIAL POOL  
Sections: ALL



# T22S R29E — BIG EDDY Wolfcamp (WC) Detail

Big Eddy Unit in This Township/Range

**Pools in this Township (COLOR, POOL, NOTES):**



**GREEN: LOS MEDANOS; WC (GAS) (96597)**  
PRE-PERMITTING/PROPOSED  
Sections: 13



**LIGHT YELLOW: WC-015 S2229191; WC (GAS) (98395)**  
ACTIVELY PRODUCING/PERMITTED  
Sections: 18



**DARK YELLOW: LOS MEDANOS; WC (GAS) (96597)**  
ACTIVELY PRODUCING/PERMITTED  
Sections: 12



# T23S R29E — BIG EDDY Wolfcamp (WC) Detail

Big Eddy Unit in This Township/Range

**Pools in this Township (COLOR, POOL, NOTES):**

6 PURPLE SAGE; WC (GAS) #98220	5 PURPLE SAGE; WC (GAS) #98220	4 PURPLE SAGE; WC (GAS) #98220	3 PURPLE SAGE; WC (GAS) #98220	2 PURPLE SAGE; WC (GAS) #98220	1 PURPLE SAGE; WC (GAS) #98220
7 PURPLE SAGE; WC (GAS) #98220	8 PURPLE SAGE; WC (GAS) #98220	9 PURPLE SAGE; WC (GAS) #98220	10 PURPLE SAGE; WC (GAS) #98220	11 PURPLE SAGE; WC (GAS) #98220	12 PURPLE SAGE; WC (GAS) #98220
18 PURPLE SAGE; WC (GAS) #98220	17 PURPLE SAGE; WC (GAS) #98220	16 PURPLE SAGE; WC (GAS) #98220	15 PURPLE SAGE; WC (GAS) #98220	14 PURPLE SAGE; WC (GAS) #98220	13 PURPLE SAGE; WC (GAS) #98220
19 PURPLE SAGE; WC (GAS) #98220	20 PURPLE SAGE; WC (GAS) #98220	21 PURPLE SAGE; WC (GAS) #98220	22 PURPLE SAGE; WC (GAS) #98220	23 PURPLE SAGE; WC (GAS) #98220	24 PURPLE SAGE; WC (GAS) #98220
30 PURPLE SAGE; WC (GAS) #98220	29 PURPLE SAGE; WC (GAS) #98220	28 PURPLE SAGE; WC (GAS) #98220	27 PURPLE SAGE; WC (GAS) #98220	26 PURPLE SAGE; WC (GAS) #98220	25 PURPLE SAGE; WC (GAS) #98220
31 PURPLE SAGE; WC (GAS) #98220	32 PURPLE SAGE; WC (GAS) #98220	33 PURPLE SAGE; WC (GAS) #98220	34 PURPLE SAGE; WC (GAS) #98220	35 PURPLE SAGE; WC (GAS) #98220	36 PURPLE SAGE; WC (GAS) #98220

 **PINK: PURPLE SAGE; WC (98220)**  
SPECIAL POOL  
Sections: ALL

