

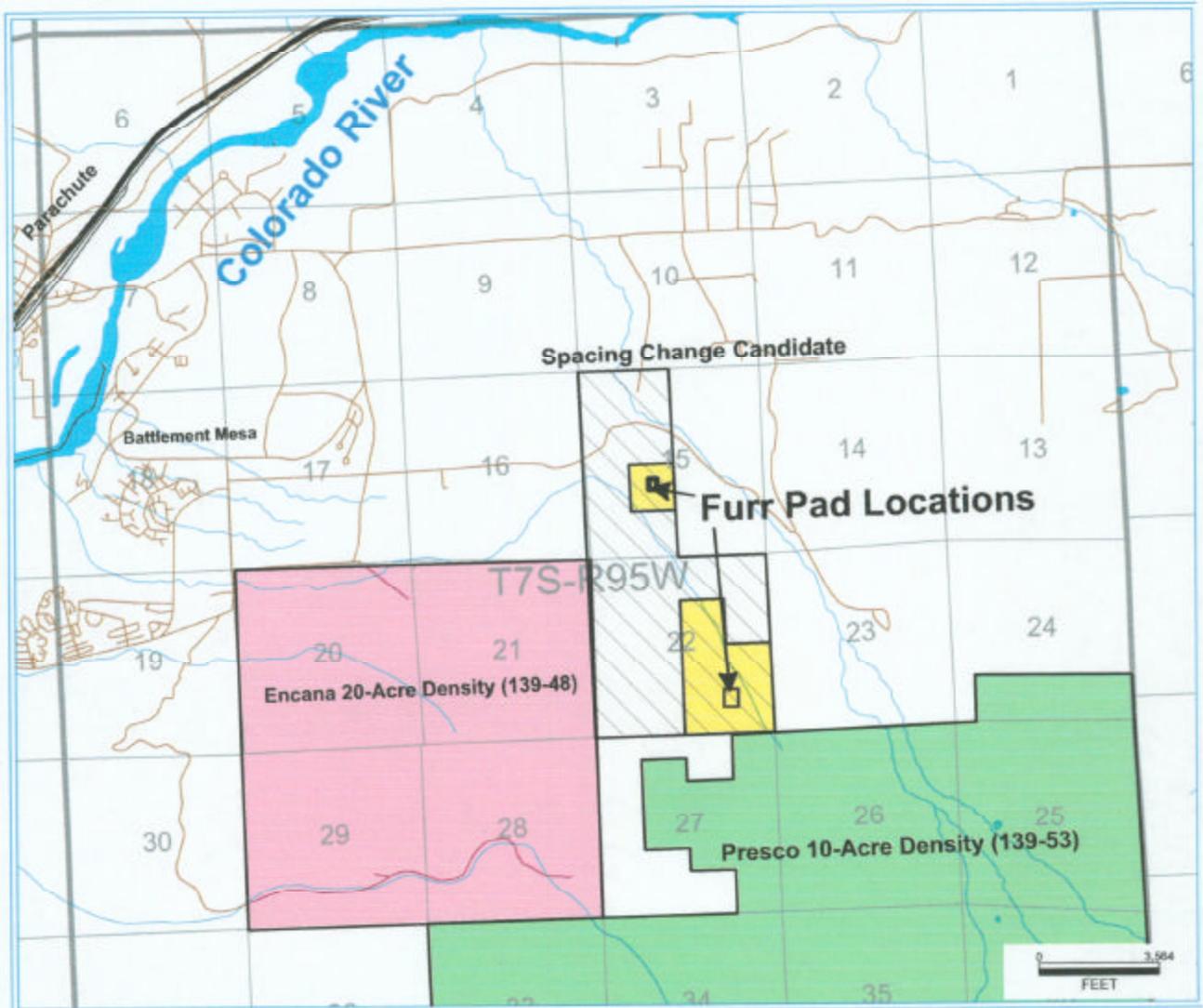
440-32

EXHIBIT A

APPLICANT: APOLLO ENERGY CORPORATION
GARFIELD COUNTY/UN-NAMED FIELD

CAUSE NO. 139
DOCKET NO. 0603-SP-12

EXISTING SPACING ORDER MAP



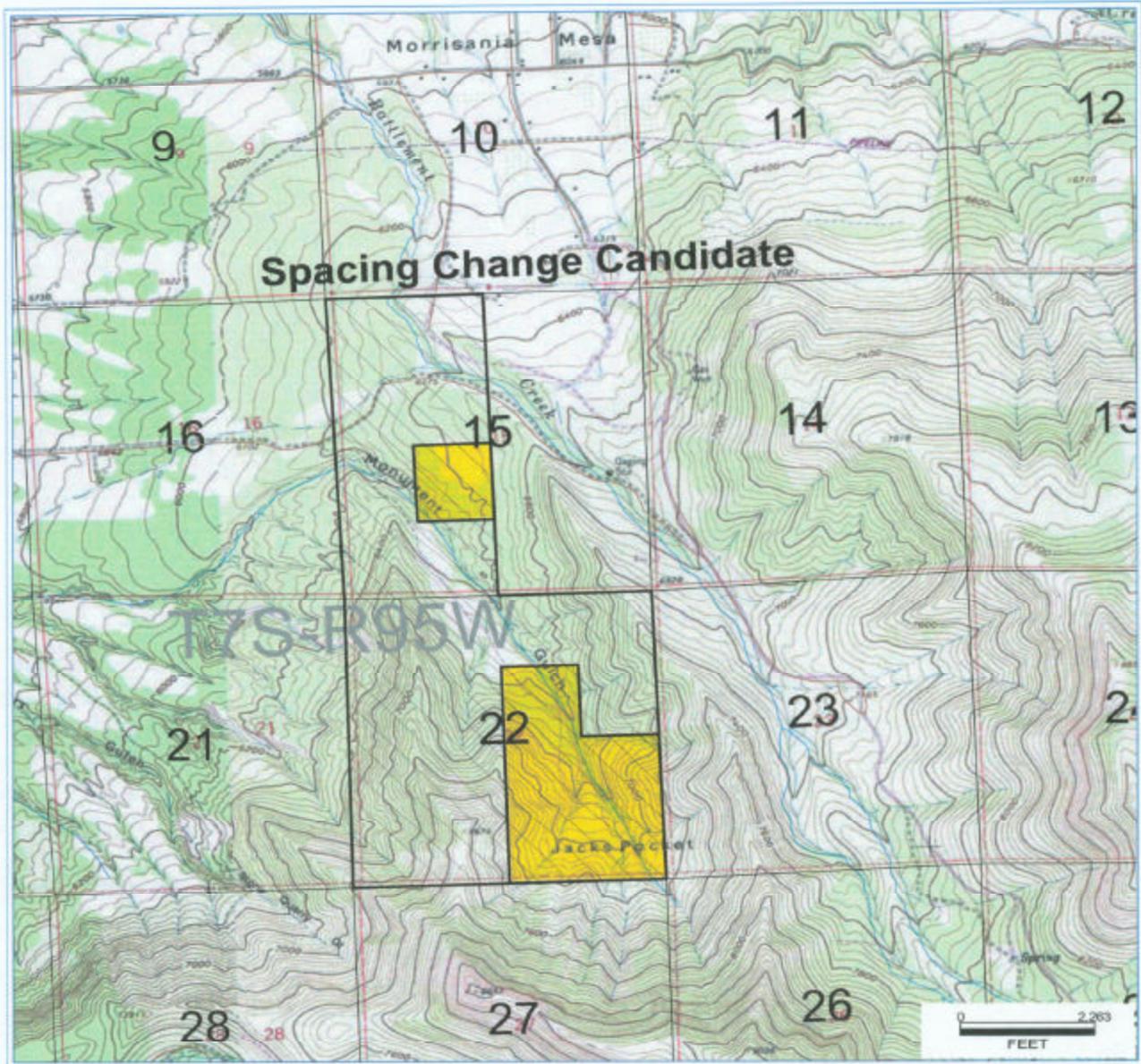
DETAIL ATTACHED TO MAP 07-000

EXHIBIT B

APPLICANT: APOLLO ENERGY CORPORATION
GARFIELD COUNTY/UN-NAMED FIELD

CAUSE NO. 139
DOCKET NO. 0603-SP-12

TOPOGRAPHICAL MAP



PICEANCE BASIN MAP

Stephen P. Camella and Douglas B. Ostby

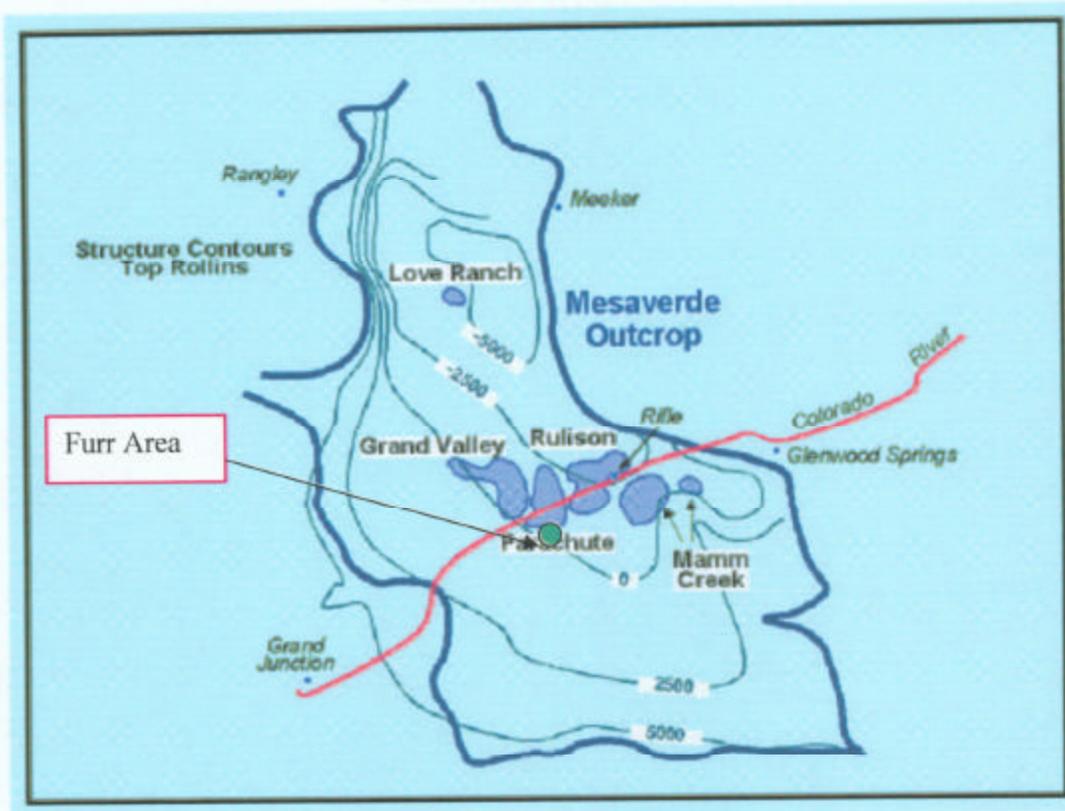


Figure 2. Map of Piceance Basin showing location of gas fields producing from Williams Fork basin-centered gas reservoirs. Structure contours on top of Rollins Sandstone. Modified from Johnson (1989).

Corcoran and Cozzette regressions are each made up of at least two regressive cycles that exhibit relatively little stratigraphic rise, as indicated by the relatively consistent thickness between the two units (Fig. 6). The trend of the Rollins shoreline was north-northeast to south-southwest based on the top Cozzette to top Rollins isopach trend (Fig. 8) and this single regressive cycle shows pronounced stratigraphic rise (Fig. 6). The nature of the regressions of the Corcoran and Cozzette differs significantly from that of the Rollins. The style of the regressions indicates a change from low to high accommodation between the time of the Corcoran and Cozzette regressions and that of the Rollins regression. The regional cross sections of Hettlinger and Kirschbaum (2002) and Johnson (1989) show a similar style of these regressions. The change from low to high accommodation and the shift of shoreline orientation from northeast to north-northeast suggests a possible tectonically influenced shift in basin subsidence. It

is possible that the change in the nature of the Corcoran-Cozzette and Rollins regressions is related to the initial stages of the Laramide orogeny. The beginning of Laramide tectonism in the Piceance Basin traditionally has been thought to occur near the end of Williams Fork deposition (Johnson, 1989).

Also evident on Figure 6 is the presence of regressive marine cycles above the Rollins east of Rulison Field. These marine tongues are present east of a dramatic stratigraphic rise of the Rollins between the wells on Figure 6 located in Sec. 36, T6S, R94W and Sec. 34, T6S, R93W. Seismic data show that this stratigraphic rise is closely related to faulting (Fig. 7). The stratigraphic rise may be caused by increased accommodation due to more rapid subsidence on the east side of the fault. This dramatic stratigraphic rise extends to the south as shown on Figure 8.

The Cameo coal zone of the Williams Fork Formation overlies the Rollins and was deposited in paludal environments

EXHIBIT D

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PICEANCE BASIN SCHEMATIC CROSS SECTION

Stephen P. Cumella and Douglas B. Ostby

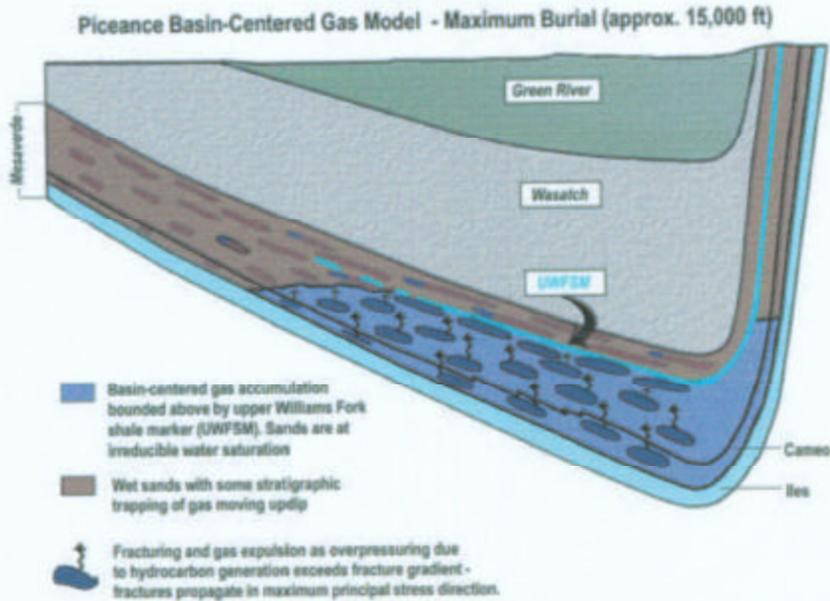


Figure 25. Basin-centered gas model for the Piceance Basin during maximum burial. Line of cross section shown on Figure 26.

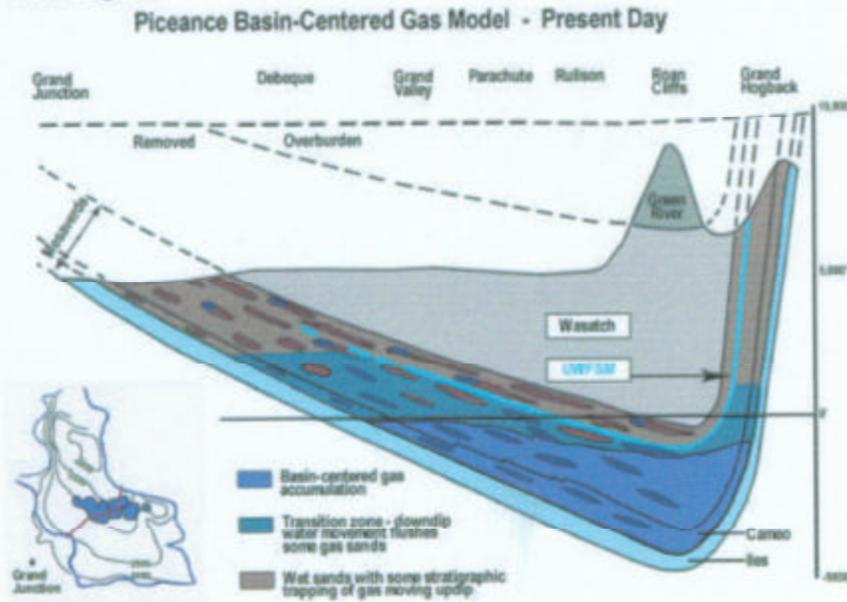


Figure 26. Basin-centered gas model for the Piceance Basin for present day. Line of cross section shown on inset map.

TYPE LOG

Stephen P. Camella

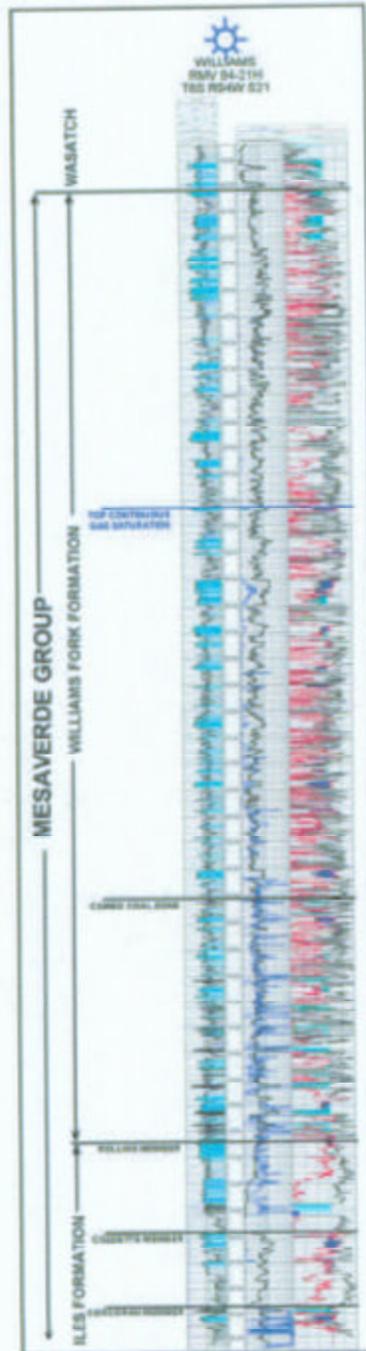


Figure 1. Type log for the Mesaverde Group in the Grand Valley, Parachute, and Rulison area.

EXHIBIT F

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FLUVIAL SYSTEM REPRESENTATION

Stephen P. Cumella and Douglas B. Ostby

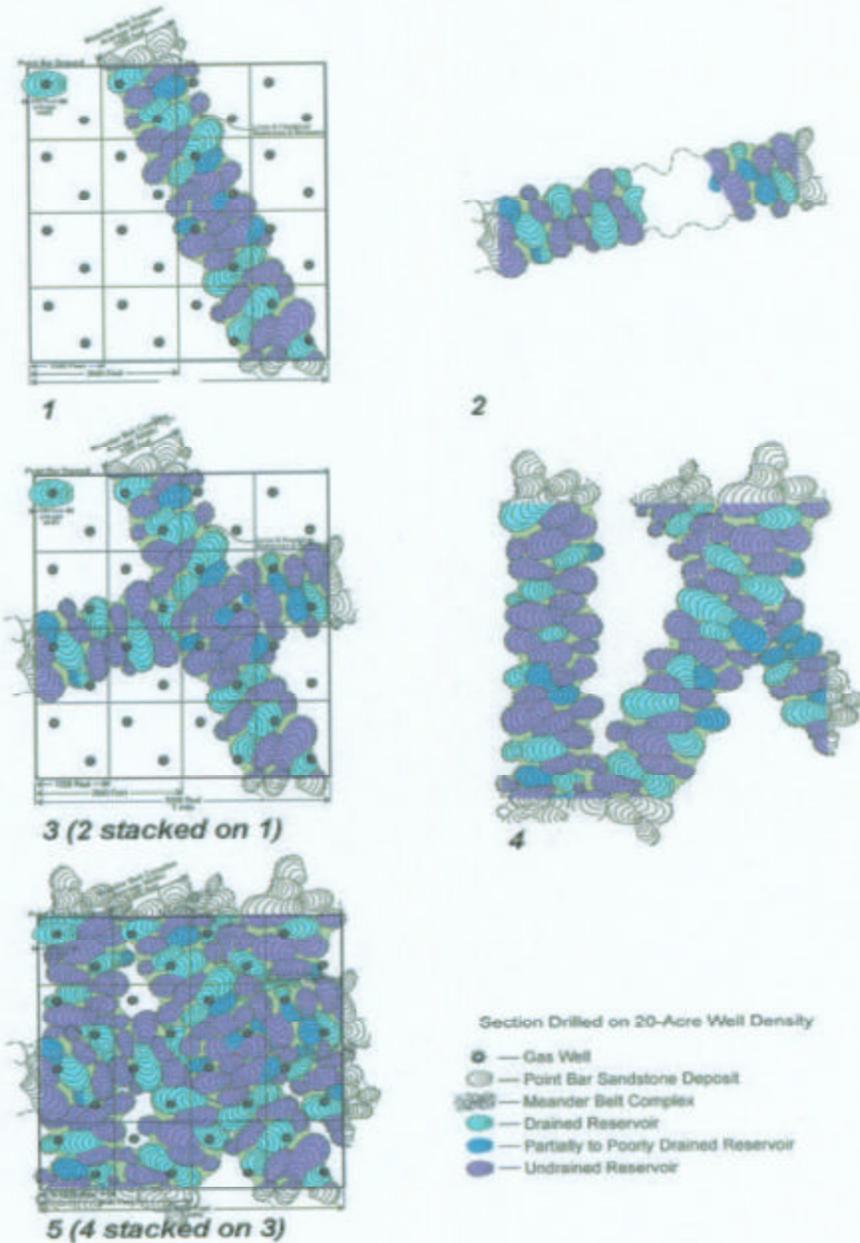


Figure 28. Stacking of hypothetical Williams Fork meanderbelt sandstone reservoirs showing the need for 10-acre density. Figure originally done by Terry Barrett.

EXHIBIT H

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WASTED RESOURCE ON 40-ACRE SPACING

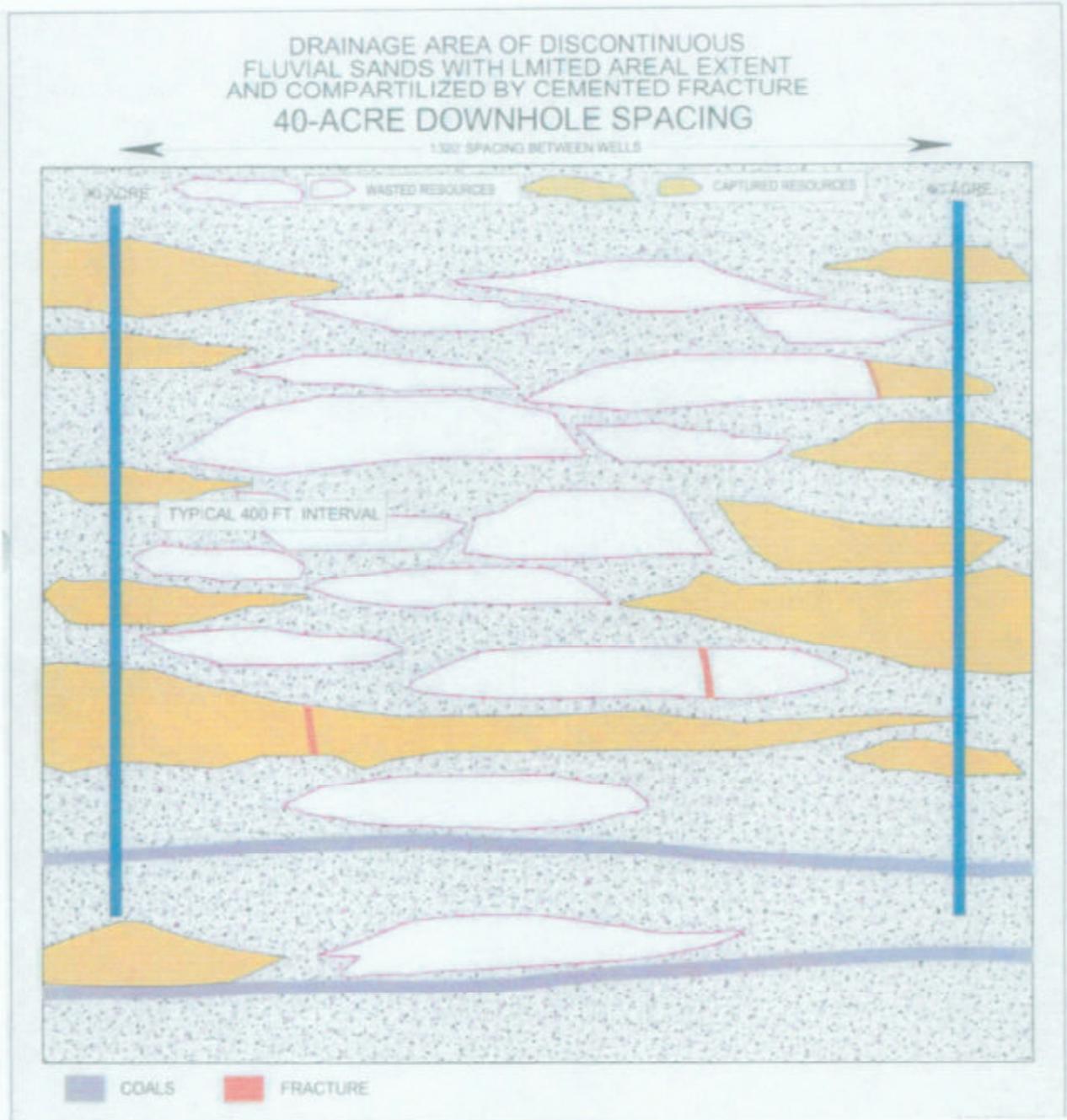


EXHIBIT I

APPLICANT: APOLLO ENERGY CORPORATION
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CAUSE NO. 139
DOCKET NO. 0603-SP-12

WASTED RESOURCE AT 10 ACRE SPACING

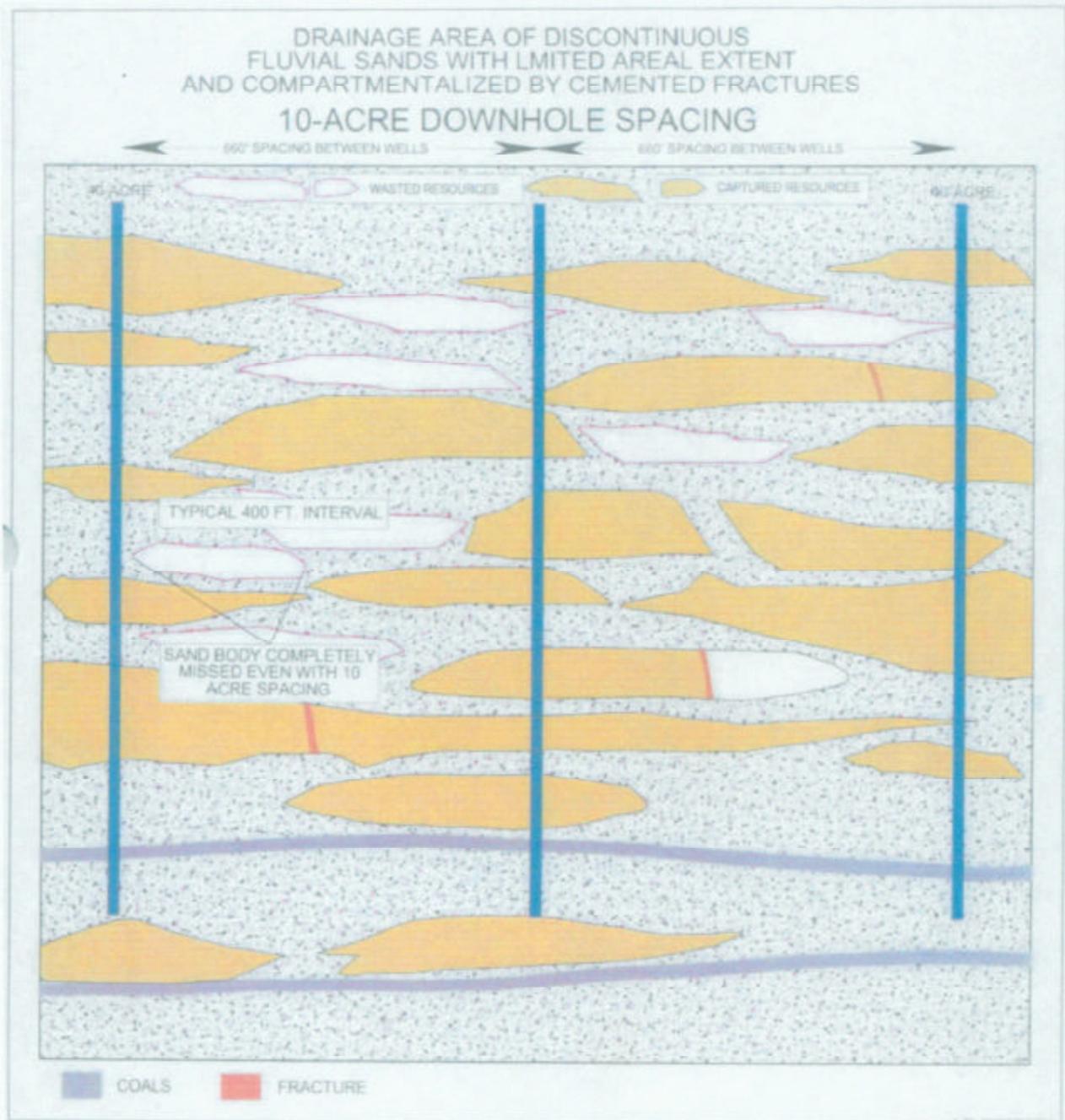


EXHIBIT J

APPLICANT: APOLLO ENERGY CORPORATION
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LOG CROSS SECTION OF RECENT ADJACENT WELLS

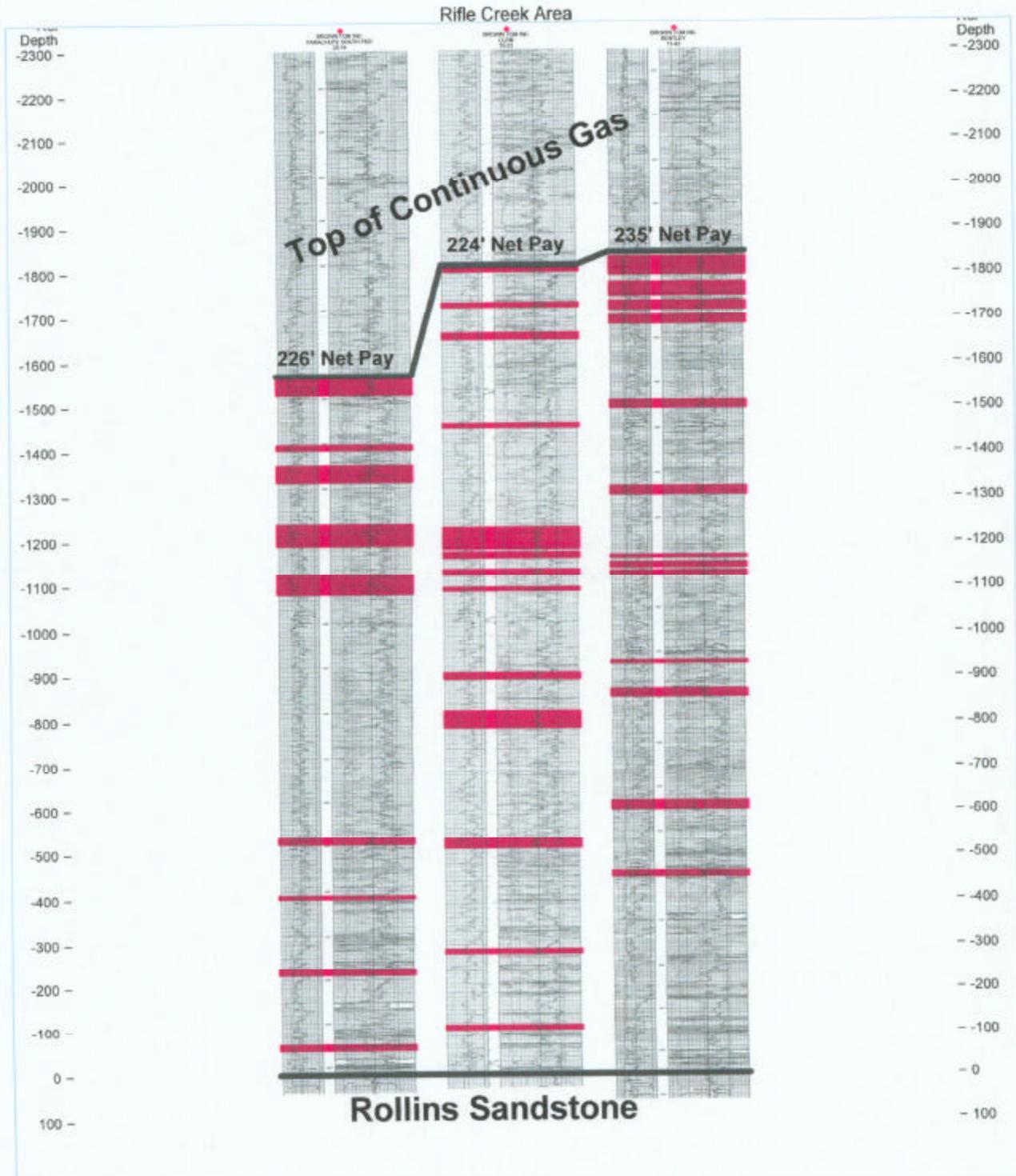


EXHIBIT K

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STRUCTURE MAP

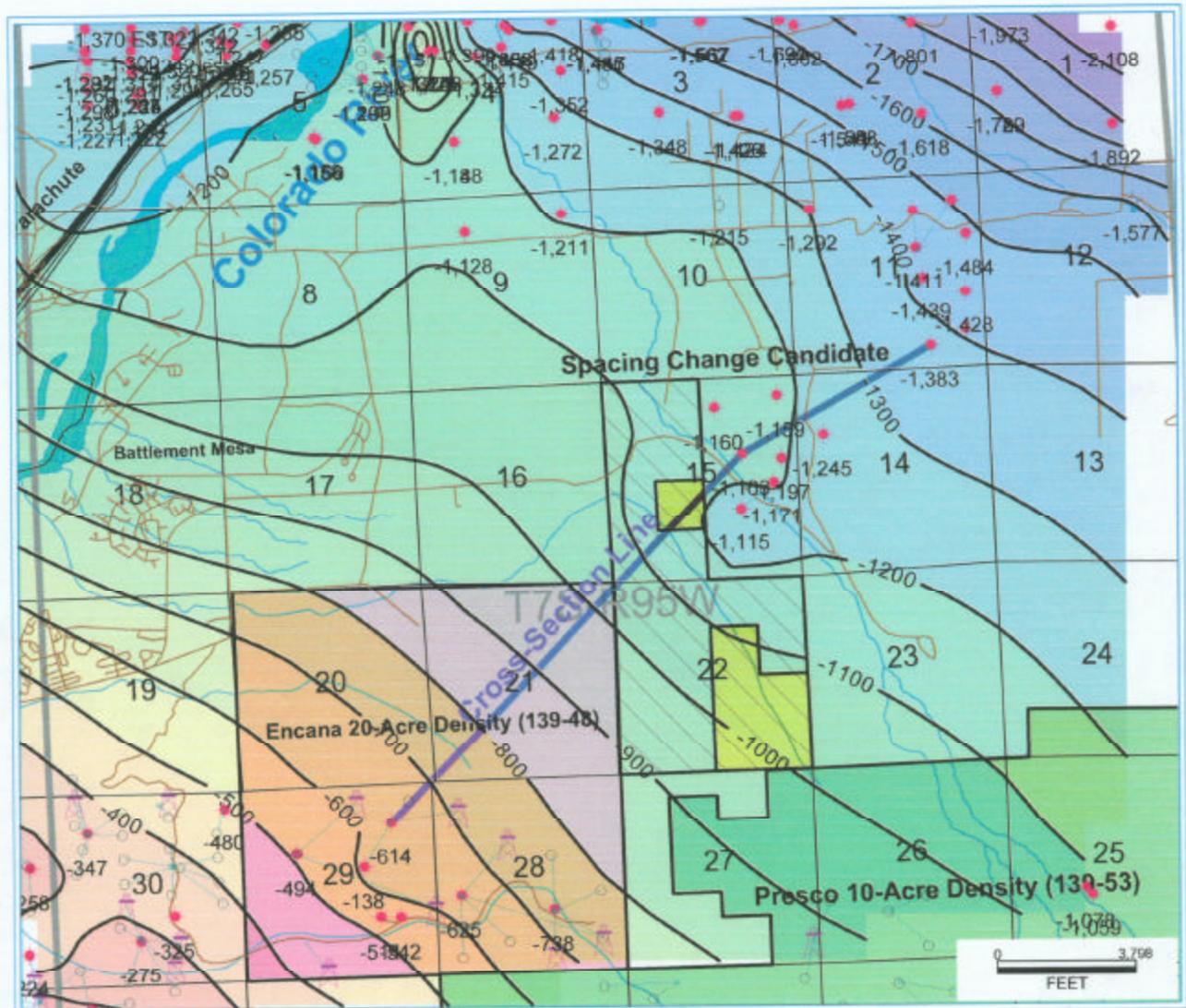


EXHIBIT P

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WELL LOCATION MAP – PRODUCTION ANALYSIS

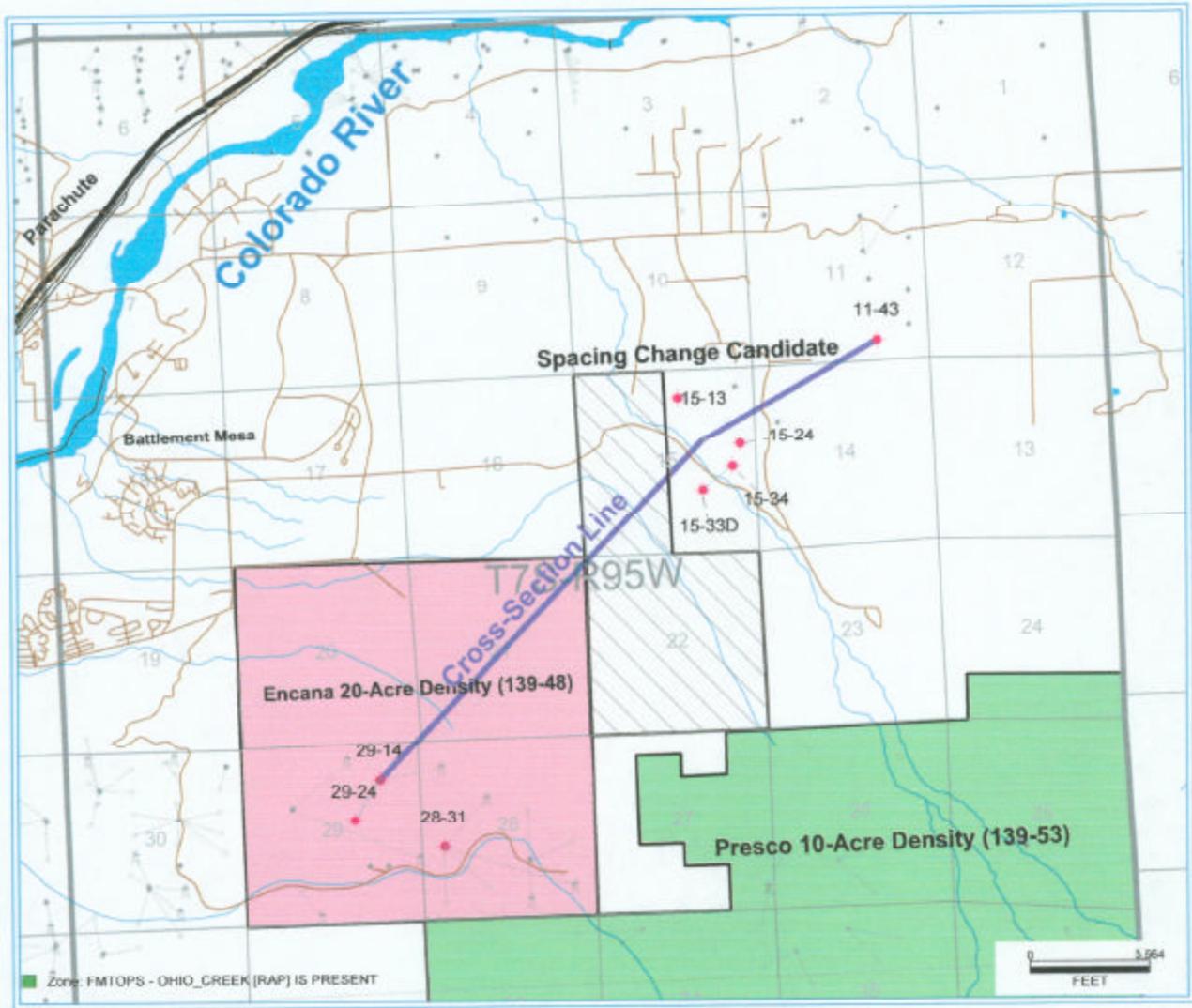


EXHIBIT Q

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Furr Area
Bubble Map of Cumulative Gas Production

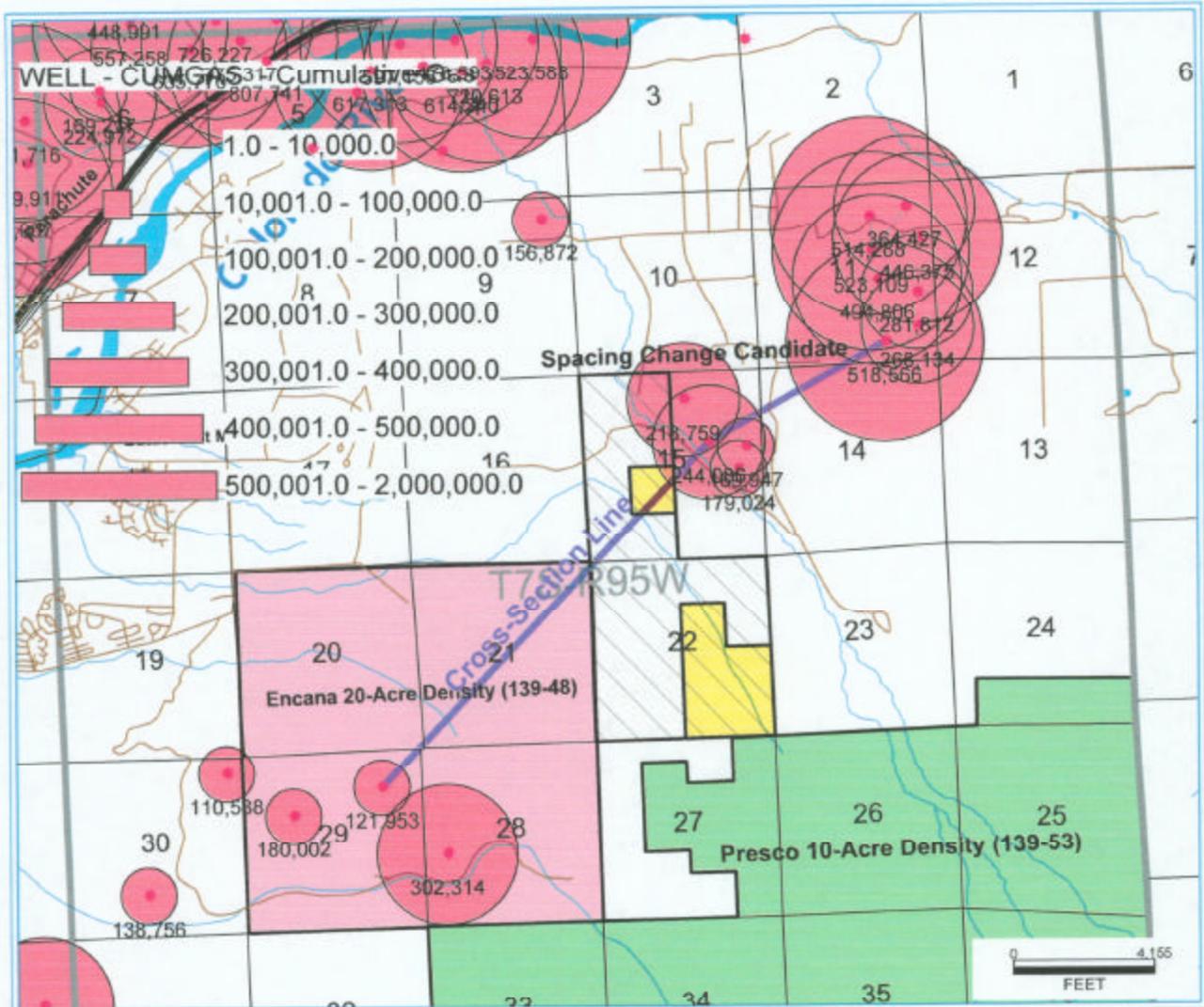
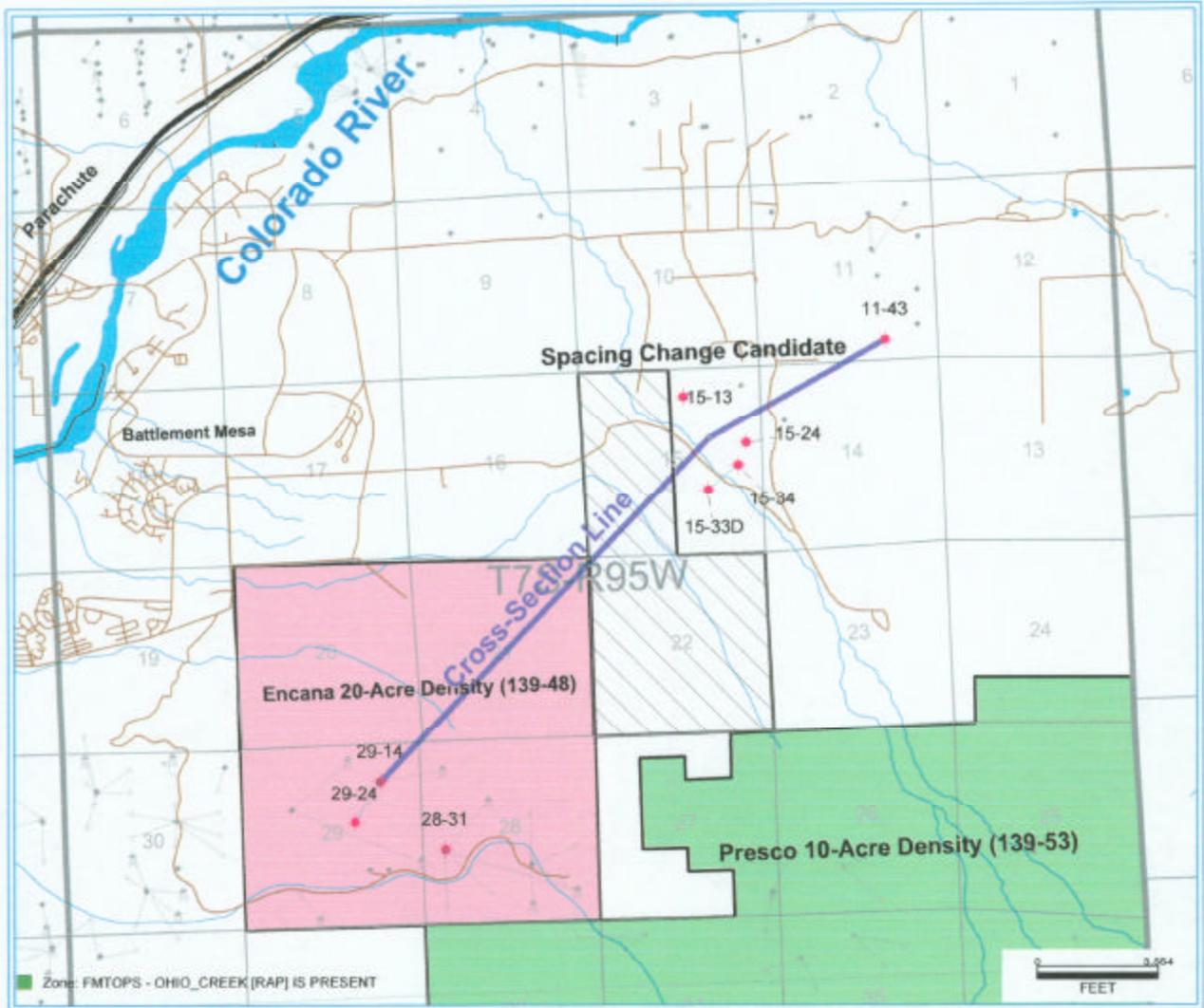


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APPLICANT: APOLLO ENERGY CORPORATION
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EXHIBIT U

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