

Figures

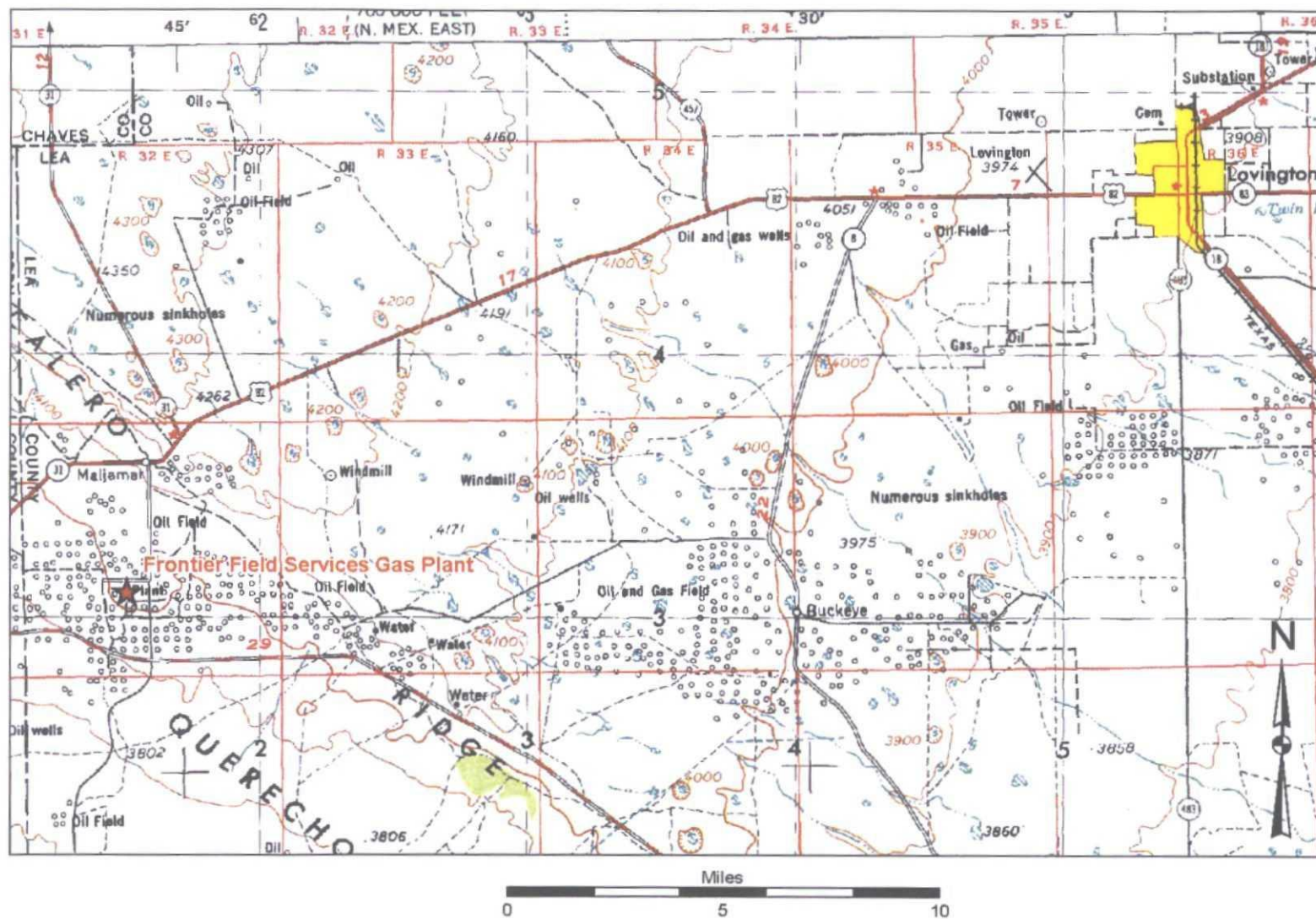


Figure 1: Location of Frontier Field Services Gas Plant

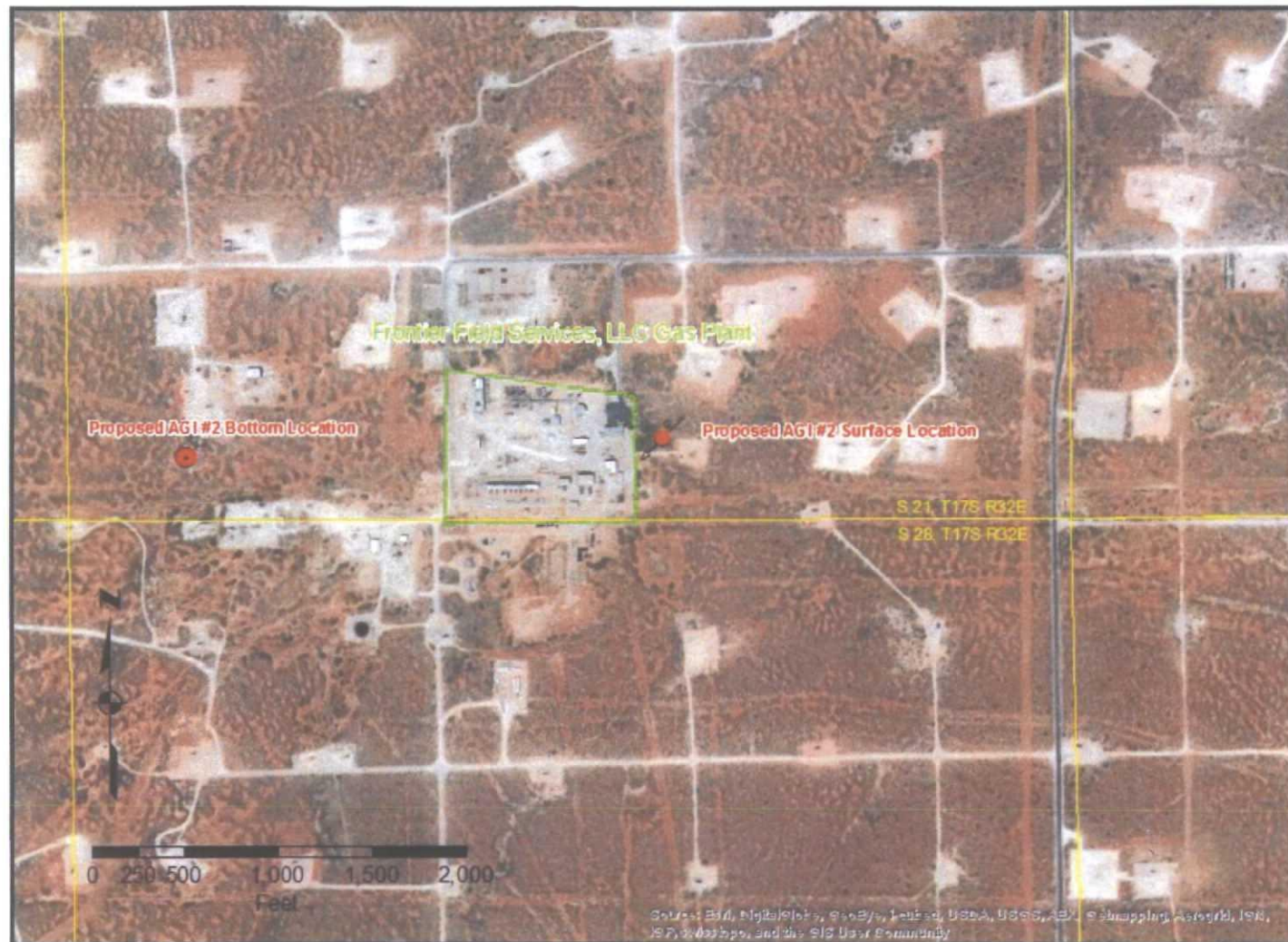


Figure 2: Locations of Surface and Bottomhole Locations of Proposed Maljamar AGI #2

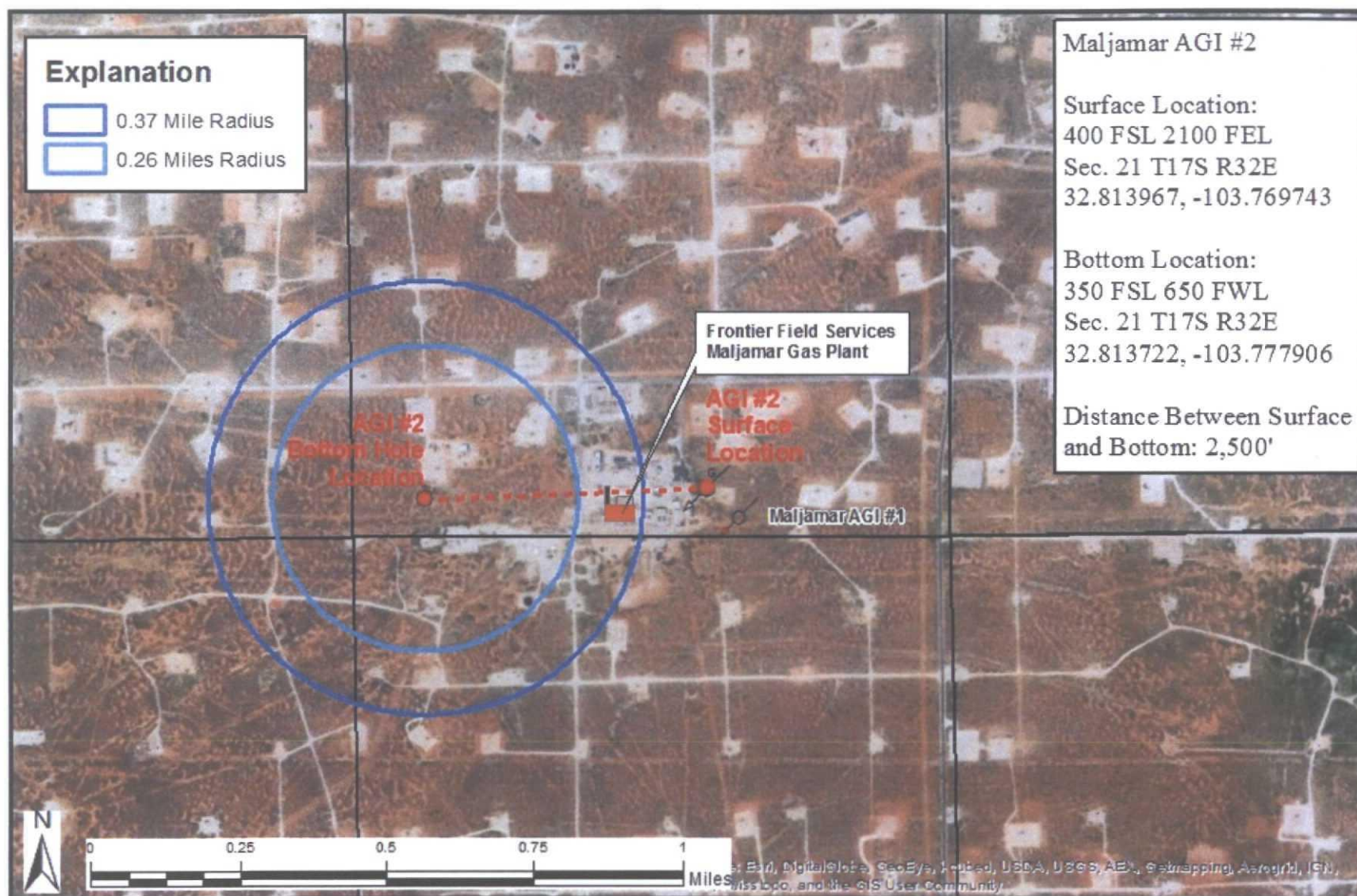


Figure 3: Calculated Radii of Injection after 30 Years at Injection Rates of 2.0 MMSCFD and 4.0 MMSCFD (100% Safety Factor)

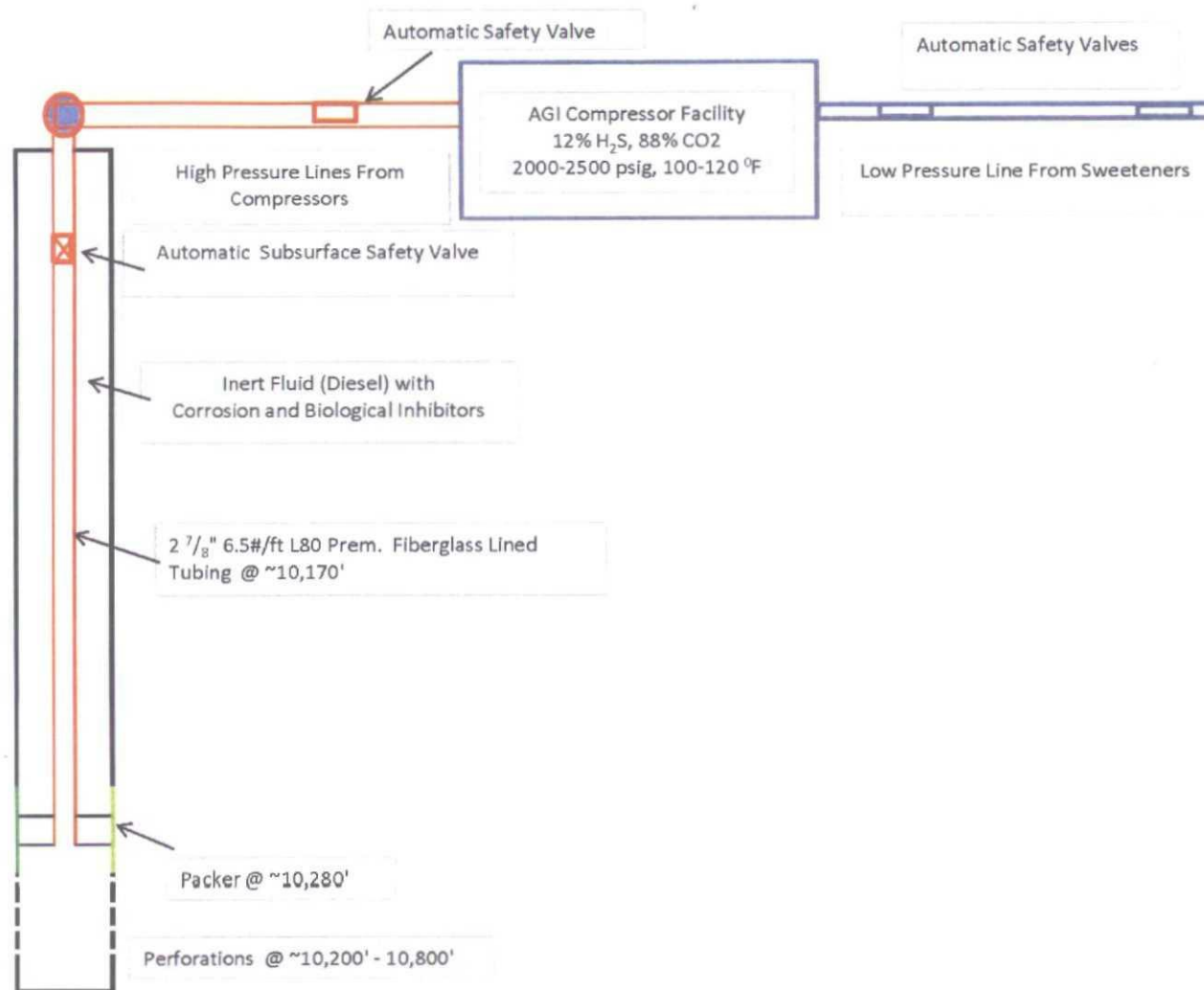
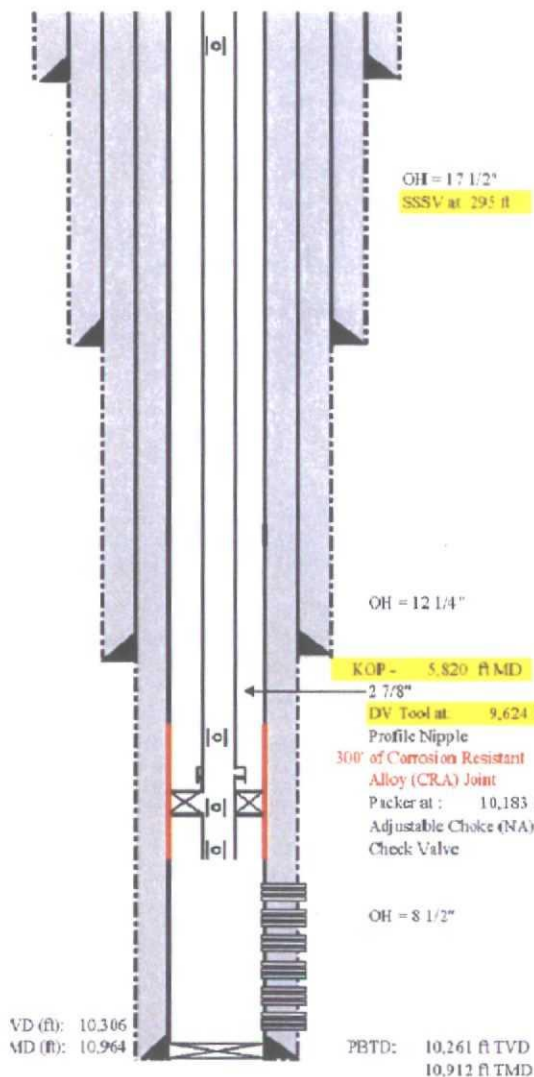


Figure 4: Schematic of Injection System, Maljamar AGI #2

Frontier Field Services Maljamar Gas Plant
 Location: 3 miles south of Maljamar, NM
 STR: Section 21, T17S, R32E
 County, St.: LEA COUNTY, NEW MEXICO

29.30° INCLINE



CONDUCTOR CASING	TVD (ft)	MD (ft)
20" Conductor	20	20

SURFACE CASING	TVD (ft)	MD (ft)
13 3/8", 48.00#/ft, H40, STC	890	890
Cemented to Surface		

INTERMEDIATE CASING:	TVD (ft)	MD (ft)
9 5/8", 40.0 #/ft, J55, LTC	5,700	5,700
Cemented to Surface, verified w/CBL		

PRODUCTION CASING:	TVD (ft)	MD (ft)
7", 26 #/ft, HCL-80, LTC	9,400	9,925
7", 26 #/ft, CRA, SM2535 Prem	9,662	10,226
7", 26 #/ft, HCL-80, LTC	10,306	10,964
Cemented to Surface, verified w/CBL		

ANNULAR FLUID:
Diesel Fuel from top of packer to surface

TUBING:	TVD (ft)	MD (ft)
SSSV at 295 ft		
2 7/8", 6.5#/ft, L-80, Prem (internally coated)	9,625	10,183

PACKER:
Permanent Injection Packer @ 10,183 ft MD
Adj. Choke (if needed, placed in nipple below packer)
Check valve (if needed, placed in nipple below packer)

PERFORATIONS:
6 Shots per foot at 60 degrees

	TVD (ft)	TMD (ft)
Calculated Injection Zone Top in WC	9,673	10,238
Calculated Injection Zone Bottom in WC	10,238	10,886
Specific sections of the inj. zone will be perforated based on logs		

Bottom Location: 350 FSL 650 FWL Sec 21, T17S, R32E

Figure 5: Schematic Diagram of Proposed Maljamar AGI #2

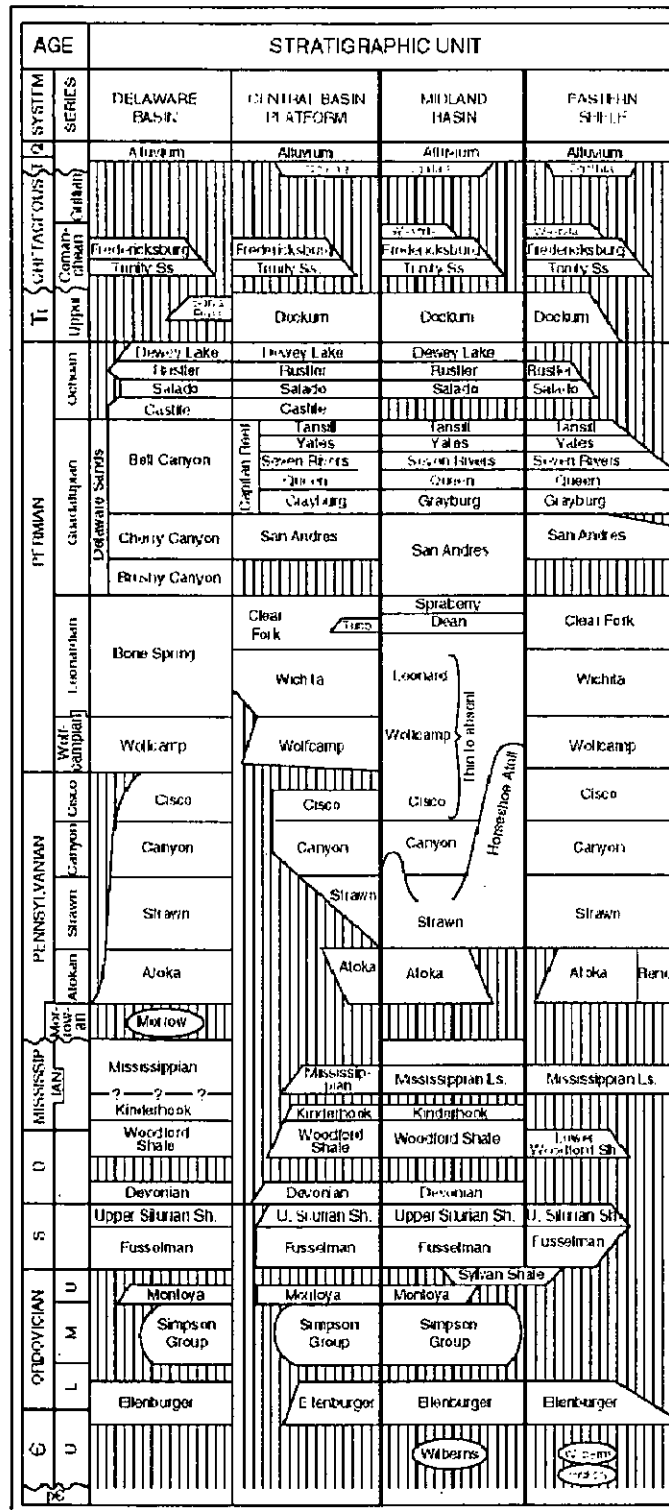


Figure 6: General Stratigraphy of the Maljamar, NM Area

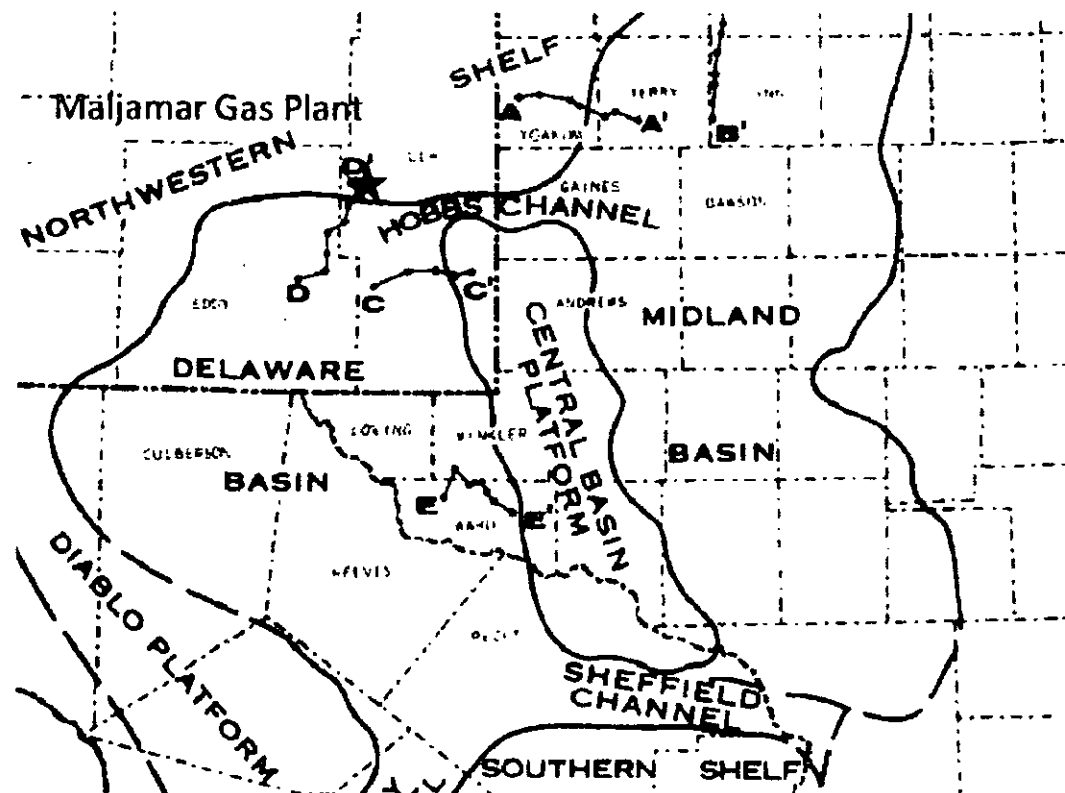
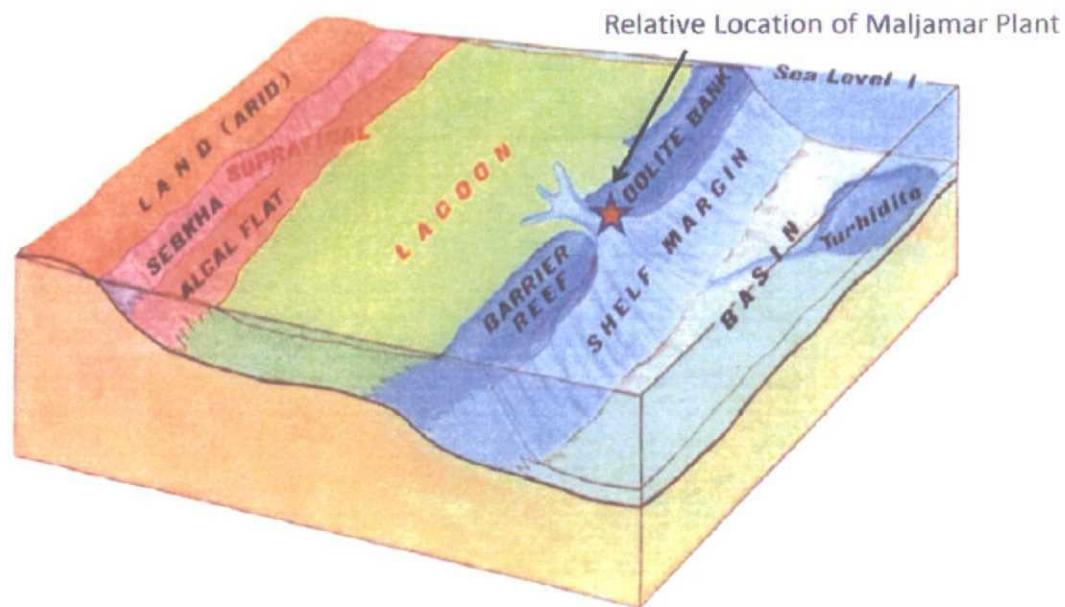


Figure 7: Structural Features of the Permian Basin



Note: Isolated detrital carbonated and reef mounds in general stratigraphic intervals of lower Leonard and Wolfcamp have limited areal extent and are confined by fine-grained deeper basin sediments.

Figure 8: Schematic Wolfcamp Depositional Environments in the Area of the Maljamar Gas Plant

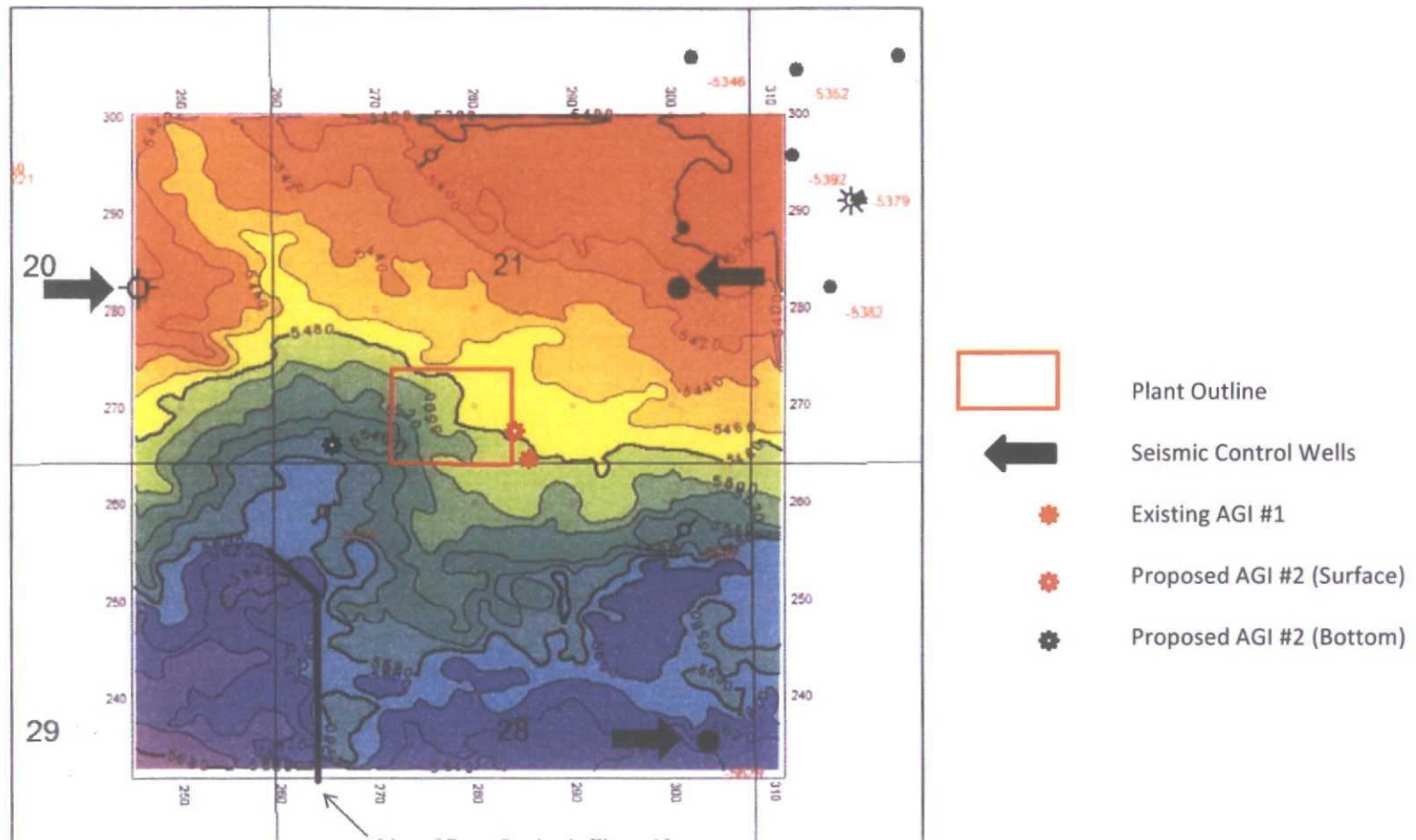


Figure 9: Structure on Top of Wolfcamp from 3-D Seismic Interpretation

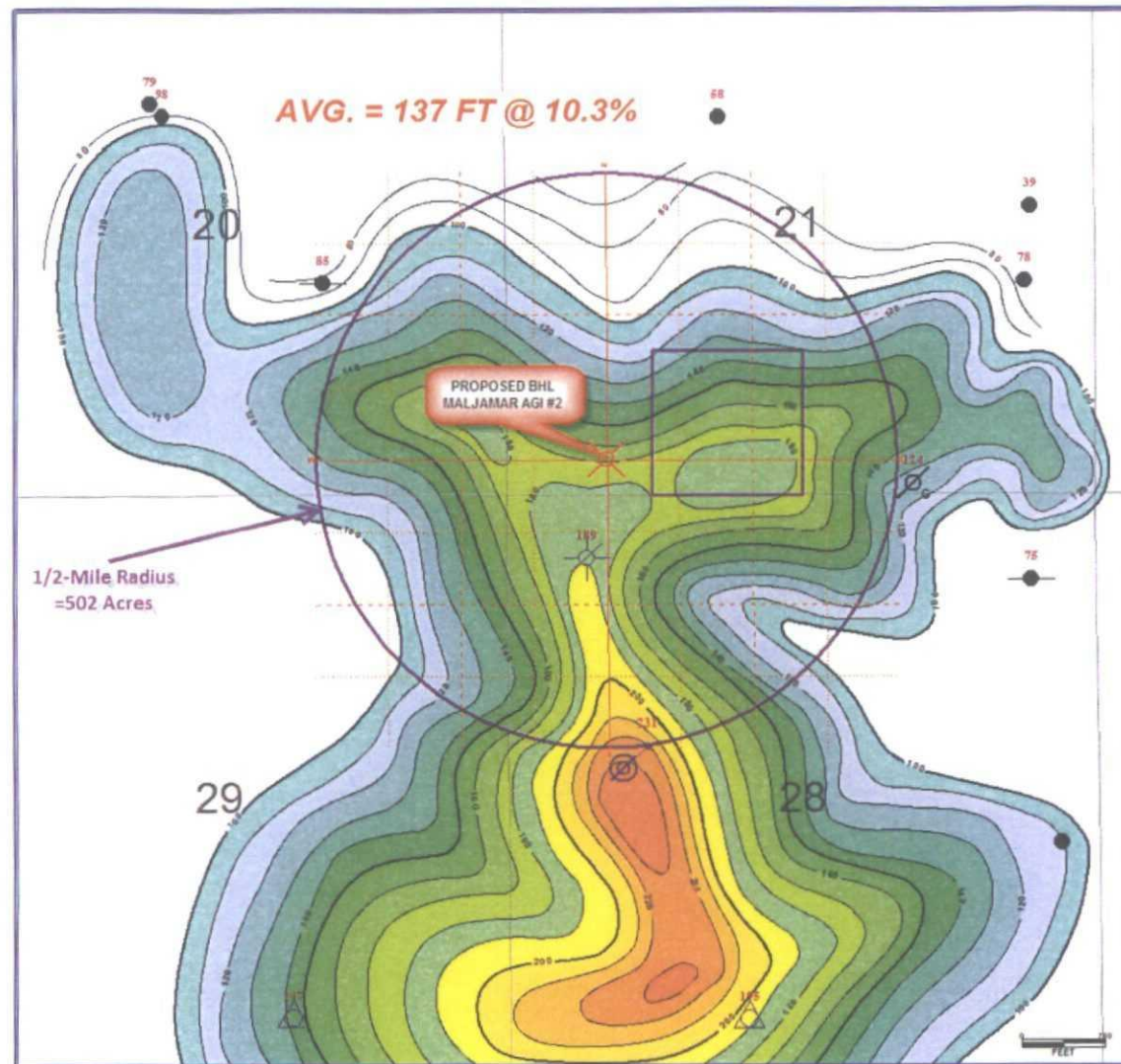


Figure 10: Net Porosity in Wolfcamp Zone

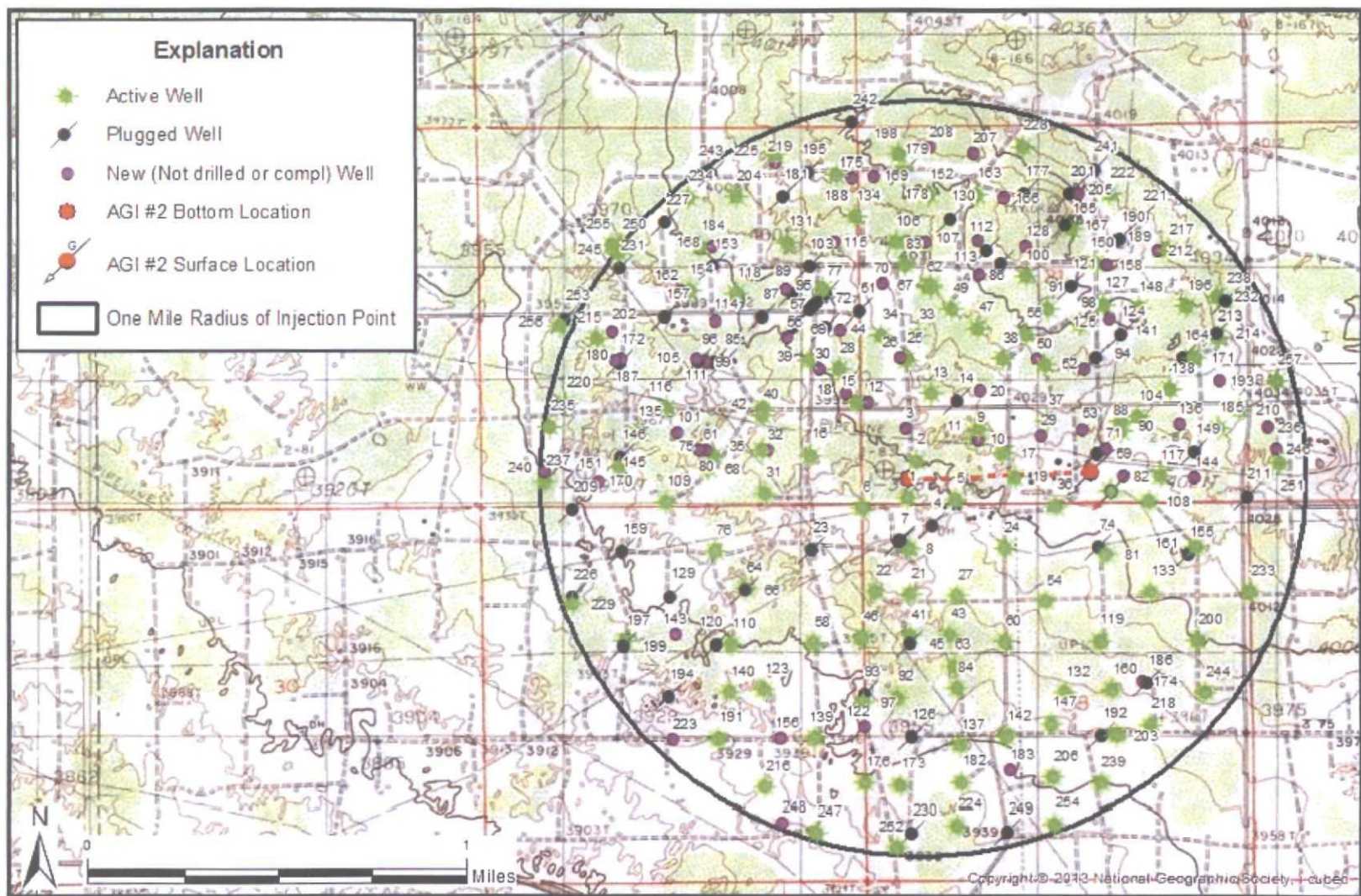


Figure 10: Map Showing Wells Within 2-Miles of AGI #2 Injection Zone

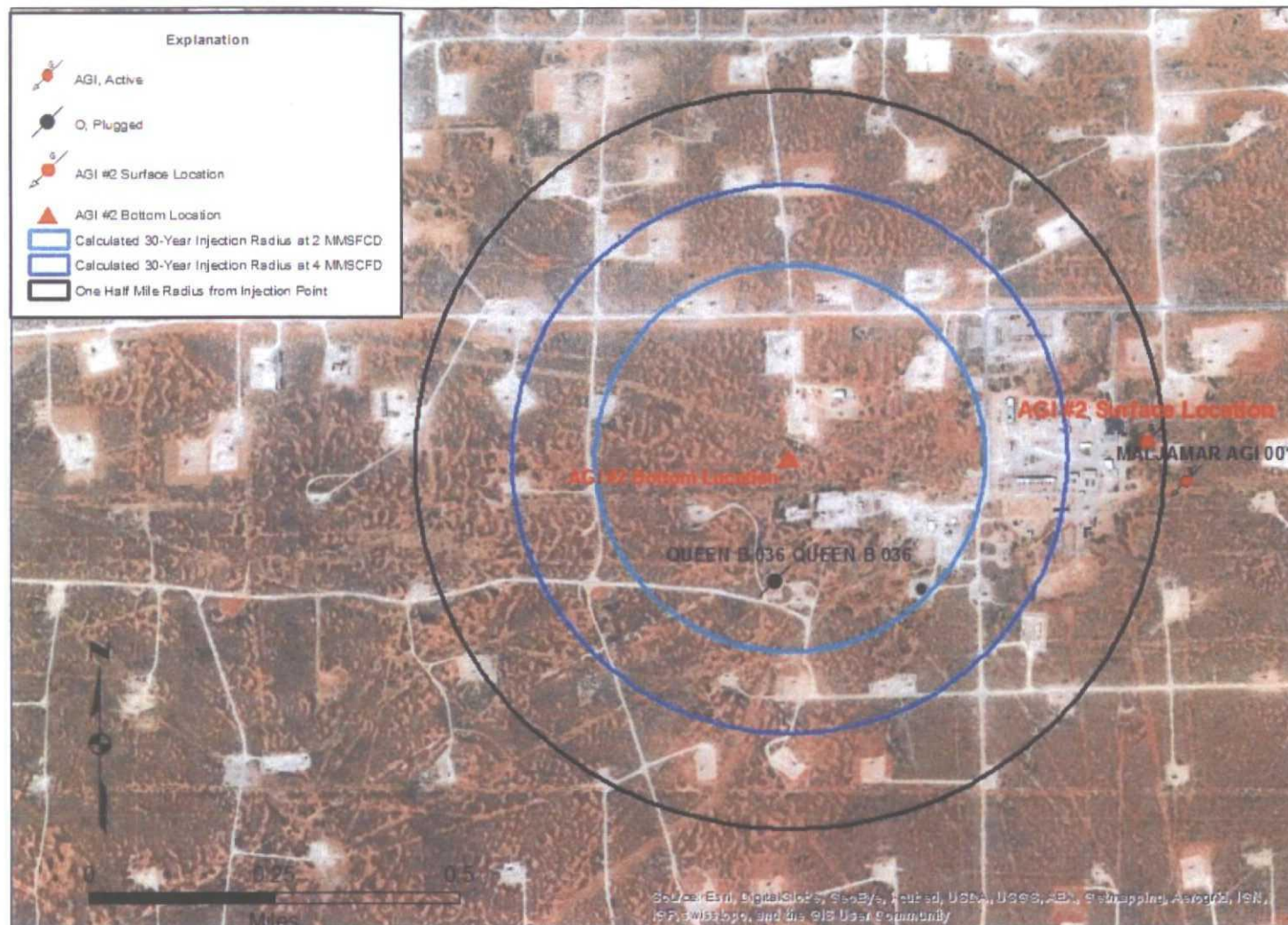


Figure 12: Wells Penetrating Wolfcamp Within One Half Mile of Proposed AGI #2 Injection Point