

Table 5: Casing and Cement Details for Wells within One Mile of Proposed Linam AGI #2 that Penetrate the Lower Bone Springs Injection Reservoir			
API #	302503967	3002521832	3002538576
Well Name	Goodwin 003	CONOCO-State #1	Linam AGI #1
Status	P&A	P&A	Active AGI
Total Depth (feet)	8,582	11,675	9,213
Conductor Casing Depth (feet)	332	362	530
Intermediate Casing Depth (feet)	2,925	3,130	4,212
Long String Casing Depth (feet)	8,025 (Dry Well - Long String Casing Recovered Prior to Plugging)	NA Dry Well	9,213
Conductor Casing TOC Depth (feet)	Surface (From NMOCD Well Log)	Surface (From NMOCD Well Log)	Surface (see Linam AGI #1 EOW Rpt. Section 3.4)
Intermediate Casing TOC Depth (feet)	28 (From NMOCD Well Log)	1,000 (From NMOCD Well Log)	Surface (see Linam AGI #1 EOW Rpt. Section 3.4)
Long String Casing TOC Depth (feet)	NA Long String Casing Recovered	NA	Surface (see Linam AGI #1 EOW Rpt. Section 3.4)
Producing/Target/ Zone	Goodwin Drinkard	Goodwin Drinkard	Lower Bone Springs
Top Lower Bone Springs Injection Reservoir (Depth)	Unknown	Unknown	8,710

6.0 IDENTIFICATION AND REQUIRED NOTIFICATION OF OPERATORS, SUBSURFACE LESSEES AND SURFACE OWNERS WITHIN THE AREA OF REVIEW

Geolex contracted with MBF Land Services in Roswell, New Mexico to research land records in Lea County to obtain a listing of all operators, oil, gas and mineral lessees, and surface owners within a one mile radius of the proposed AGI well. Appendix B includes the data from that search.

Table B-1 lists operators and/or lessees within this one-mile radius, which are also shown on Map B-1. Table B-2 lists the names and addresses of surface owners within the same one mile area of review, which are displayed on Map B-2. Table B-3 shows the names and addresses of mineral owners on unleased tracts within the one mile area of review which are also displayed on Map B-3. A comprehensive summary of operator and/or lessee, surface owner and mineral owner land status information is included in Table B-4. The actual Land Status Reports for each Tract follow Table B-4.

All of these operators, oil, gas and mineral lessees and surface owners within the one-mile area of review will be provided notice and an opportunity to review this application at least 20 days prior to the NMOCC Hearing, according to the requirements of Section XIV of the C-108 and NMOCD's current policy on notices required for applications for acid gas injection wells. A draft form of the notice which will be provided to parties that may be affected is also included in Appendix B.

7.0 AFFIRMATIVE STATEMENT OF LACK OF HYDRAULIC CONNECTION BETWEEN PROPOSED INJECTION ZONE AND KNOWN SOURCES OF DRINKING WATER

As part of the work performed to support this application, a detailed investigation of the structure, stratigraphy and hydrogeology of the area surrounding the proposed Linam AGI #2 injection well has been performed. The investigation included the analysis of available geologic data and hydrogeologic data from wells (including data collected from our adjacent Linam AGI #1) and literature identified in Sections 3, 4 and 5 above including related appendices. Based on this investigation and analysis of these data, it is clear that there are no open fractures, faults or other structures which could potentially result in the communication of injected fluids from the proposed injection zone to any known sources of drinking water in the vicinity, as described above in Sections 4 and 5 of this application. The proposed injection zone is a closed system. This has been confirmed by our operation history in the Linam AGI #1 since 2009.