

**THISTLE UNIT 127H**  
 ELEV. = 3713.2'  
 LAT. = 32.2965400°N (NAD83)  
 LONG. = 103.5573372°W  
 NMSPL EAST (FT)  
 N = 472481.44  
 E = 78112.78

**BOTTOM OF HOLE**  
**BOTTOM OF HOLE (UNIT C)**  
 LAT. = 32.2757031°N  
 LONG. = 103.5580096°W  
 NMSPL EAST (FT)  
 N = 464899.50  
 E = 780959.80

**NOTE:**  
 LATITUDE AND LONGITUDE  
 COORDINATES ARE SHOWN  
 USING THE NORTH  
 AMERICAN DATUM OF 1983  
 (NAD83). LISTED NEW  
 MEXICO STATE PLANE EAST  
 COORDINATES ARE GRID  
 (NAD83). BASIS OF  
 BEARING AND DISTANCES  
 USED ARE NEW MEXICO  
 STATE PLANE EAST  
 COORDINATES MODIFIED TO  
 THE SURFACE. VERTICAL  
 DATUM NAVD83.

**17 OPERATOR CERTIFICATION**  
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  
 Signature: Rebecca Deal Date: 10/23/2017  
**Rebecca Deal, Regulatory Analyst**  
 Printed Name  
rebecca.deal@dmn.com  
 E-mail Address

**18 SURVEYOR CERTIFICATION**  
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  
 OCTOBER 12, 2017  
 Date of Survey  
 Signature and Seal of Professional Surveyor: [Signature]  
 Certificate Number: FILIMON E. JARAMILLO, PLS 12797  
 SURVEY NO. 4702B