

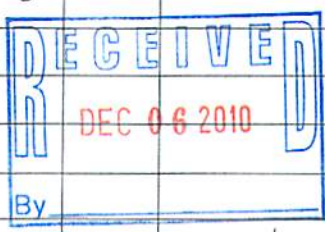
**Site identification**  
 Property Owner Cedar Valley Vineyard Other ID 1  
 Address Swisher FA  
 Tenant \_\_\_\_\_  
 Well Depth 450 ft Date completed 1/4/10

**Location** County Johnson  
 \_\_\_\_\_ mi. <sup>N</sup> and \_\_\_\_\_ mi. <sup>E</sup> of intersection of \_\_\_\_\_ and \_\_\_\_\_  
 \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4 of Sec \_\_\_\_\_ TWP \_\_\_\_\_ R<sub>NG</sub> \_\_\_\_\_  
 GPS Coordinates (NAD83 datum only) decimal degrees:  
 \_\_\_\_\_ N. Latitude \_\_\_\_\_ W. Longitude.  
 Show exact location of well in section grid with a dot (•). Sketch map of well location on property.

upland  hillside  valley  level surface Elevation (if known) \_\_\_\_\_

**Formation log**

From	To	Color	Hardness	Formation description
0	15	Tan	med	Clay
15	84	Gray	med	Clay
84	87	"	Soft	Sand & Clay
87	167	"	med	Clay
167	168	Tan	med	Fractured LS
168	280	White	Hard	Dolomite
280	309	Gray	Med	LS
309	312	Green	med	shale
312	450	Gray	med	LS



**Remarks** (including depth of lost drilling fluids, materials, or tools)  
 \_\_\_\_\_

**Well use**

<input type="checkbox"/> Domestic	<input type="checkbox"/> Heat pump	<input checked="" type="checkbox"/> Commercial
<input type="checkbox"/> Livestock	<input type="checkbox"/> Municipal	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Test well	<input type="checkbox"/> Public supply	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Irrigation	

**Drill method**  rotary  auger  cable other \_\_\_\_\_  
**Hole size**  
 11 inch from 0 ft to 300 ft  
 6 inch from 0 ft to 300 ft  
 hole size continued  
 5 inch from 300 ft to 450 ft  
 \_\_\_\_\_ inch from \_\_\_\_\_ ft to \_\_\_\_\_ ft

Record all depth measurements from ground level (GL). Use (+) for above GL measurements.

**Casing** Drive shoe (yes/no) \_\_\_\_\_ Pitless adapter (yes/no) \_\_\_\_\_

Size (ID/OD)	Type / Wt	Depth top	Depth bottom	Amount (length)
6"	280' steel + 1		300	301
5"	180' steel 40		Bottom up	180

**Perforated or slotted casing?** (yes/no) \_\_\_\_\_  
 Perforated / slotted from 400 ft to 450 ft  
 Perforated / slotted from \_\_\_\_\_ ft to \_\_\_\_\_ ft

**Casing grouted?** (yes/no) \_\_\_\_\_ Placement method \_\_\_\_\_

Type	Depth top	Depth bottom	Amount (vol/wt)
Cement	0	300	22 bags per yd

**Well screen?** (yes/no)

Diameter	Slot size	Depth top	Depth bottom	Length	Material
	0. _____				
	0. _____				

Bottom capped (yes/no) \_\_\_\_\_ with \_\_\_\_\_  
 Seals / Packers (yes/no) \_\_\_\_\_ kind \_\_\_\_\_ depth \_\_\_\_\_ ft  
 Gravel packed (yes/no) \_\_\_\_\_ from \_\_\_\_\_ ft to \_\_\_\_\_ ft  
 type \_\_\_\_\_ amount \_\_\_\_\_

**Well developed?** (yes/no)   
 Explain Air lift  
 (pumped, airlifted, bailed) for \_\_\_\_\_ hrs at 60 GPM

**Pump installed?** (yes/no)  Date 1/1/10  
 Installer's name Rob Brown Pump Service  
 Type of pump \_\_\_\_\_ Depth to intake \_\_\_\_\_ ft  
 Pump diameter \_\_\_\_\_ Rated capacity \_\_\_\_\_ GPM

**Water information** Aquifer:  sand/gravel  limestone  sandstone  
 Main water-supply zone from 410 ft to 450 ft  seepage well  
 Static water level \_\_\_\_\_ ft (below/above) GL;  tape  airline  E-line  estimate  
 Pumping water level \_\_\_\_\_ ft below GL;  tape  airline  E-line  estimate  
 At yield of 60 GPM;  orifice  volumetric  estimate for \_\_\_\_\_ hours  
 Measurements taken at \_\_\_\_\_: \_\_\_\_\_ (AM/PM) Date 1/1/10

**Water quality test?** (yes/no)  Date tested 11/12/09  
 Tested by Hygienic Laboratory

Contractor Frasco Well Drilling  
 Address 420 E Post Rd SE, CR  
 Driller Frasco Certification no. 50420