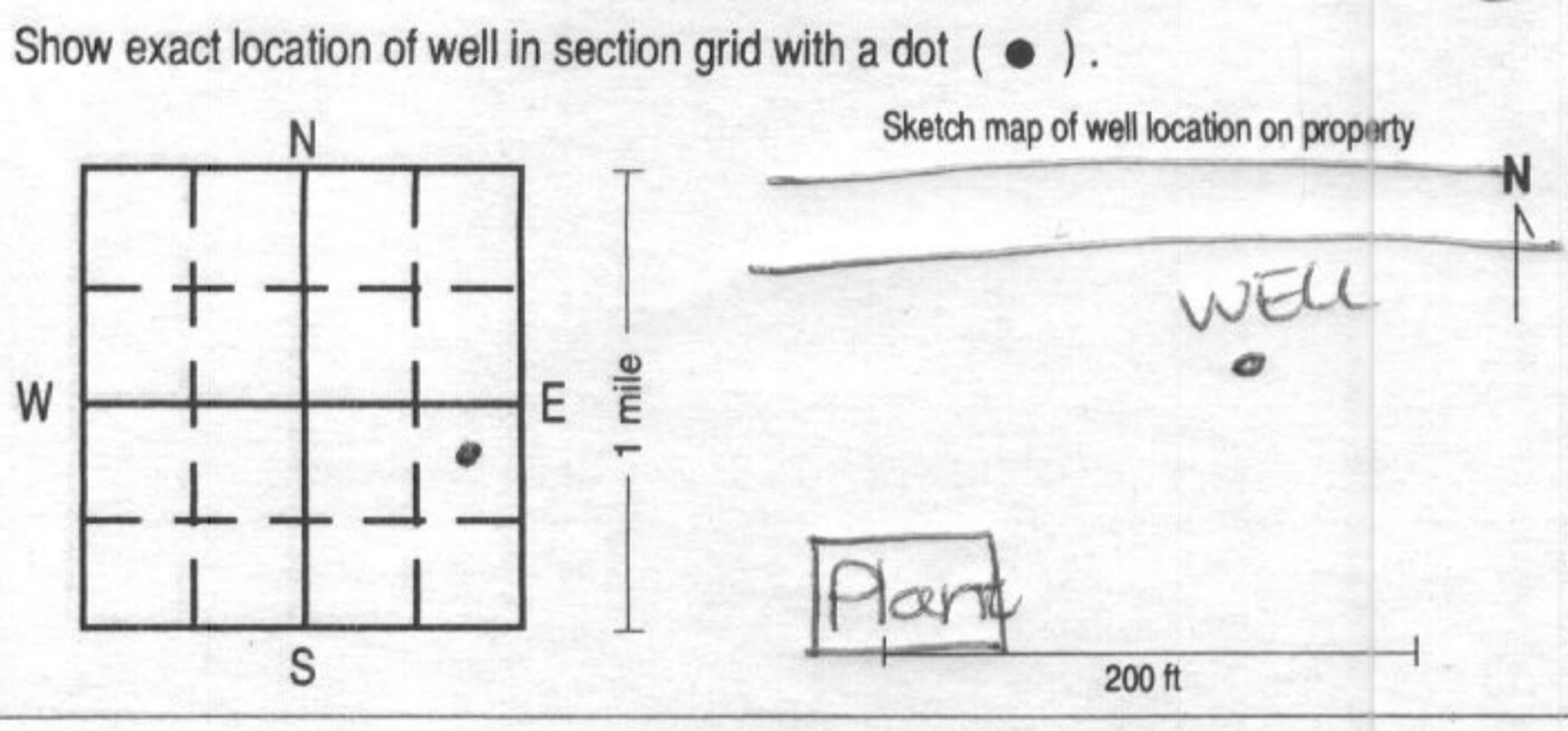


Site identification
 Property Owner Armour Foods Well Number 4
 Address _____
 Tenant _____
 Well Depth 477 ft Date Completed 3, 10, 96

Location County Hancock
 _____ mi. N and 2 mi. E of intersection of Hwy 18 and Hwy 111
NE 1/4 of the NE 1/4 of the SE 1/4 of Sec 25 TWP 96 RNG 35 E



upland hillside valley Elevation (if known) _____

| From | To | Color | Hardness | Formation description |
|------|-----|--------|----------|-----------------------|
| 0 | 11 | yellow | S | clay |
| 11 | 18 | Blue | S | clay |
| 18 | 22 | Blue | H | clay w/rocks |
| 22 | 59 | Blue | S | clay |
| 59 | 61 | Gray | S | sand |
| 61 | 84 | Gray | S | clay |
| 84 | 87 | Gray | H | shale |
| 87 | 90 | Brk | S | clay |
| 90 | 108 | yellow | H | limestone |
| 108 | 111 | Grey | MH | shale |
| 111 | 113 | Grey | H | limestone |
| 113 | 125 | Grey | S | shale |
| 125 | 126 | Brown | S | sand/rocks |
| 126 | 130 | Grey | MH | shale |
| 130 | 134 | Grey | MH | limestone |
| 134 | 137 | Br. | S | sandstone |
| 137 | 174 | Grey | H | limestone |
| 174 | 176 | Grey | MH | shale |
| 176 | 201 | white | H | limestone |

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

Well use
 Domestic Municipal Industrial
 Livestock Public Supply Monitoring
 Test Well Irrigation Other _____ (explain)

Drill method rotary auger cable other _____
Hole size
 18 inch from 0 ft to 140 ft hole size continued 14 inch from 245 ft to 477 ft
 16 inch from 140 ft to 245 ft _____ inch from _____ ft to _____ ft

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

| Casing Size (ID/OD) | Type / Wt | Drive shoe (yes / no) | | Pitless adaptor (yes / no) | |
|---------------------|-----------|-----------------------|--------------|----------------------------|--------------|
| | | Depth top | Depth bottom | Depth top | Depth bottom |
| 16" | Steel A53 | + | 2 | 140' | 142' |
| 12" | Steel A53 | | 5' | 188" | 183' |

Perforated or slotted casing? (yes/no)
 Perforated / slotted from _____ ft to _____ ft
 Perforated / slotted from _____ ft to _____ ft

Casing grouted? (yes/no)

| Type | Depth Top | Depth Bottom | Amount |
|-------------|-----------|--------------|---------|
| Neat Cement | 7' | 188' | 77 bags |

Well screen? (yes/no)

| Diameter | Slot size | Depth Top | Depth Bottom | Length | Material |
|----------|-----------|-----------|--------------|--------|----------|
| | | | | | |

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 test pump

Pump installed? (yes/no) Date _____ / _____ / _____
 Installer's name _____
 Type of pump _____ Depth to intake _____ ft
 Pump diameter _____ Rated capacity _____ GPM

Water information Aquifer: sand/gravel limestone sandstone
 Main water-supply zone from 419 ft to 425 ft ± 469 to 477
 Final water level (static water level) 32 ft (below/above) GL.
 Pumping water level 141 ft below GL; tape airline E-line
 At yield of 700 GPM; orifice volumetric estimate Date _____

Water quality test? (yes/no) Date tested _____ / _____ / _____
 Tested by _____
 Test results _____

Contractor Schumacher
 Address _____
 Driller _____ Certification no. _____