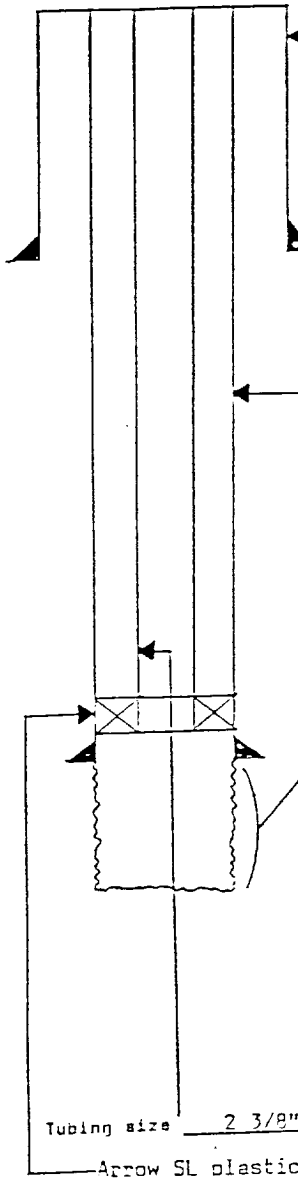


INJECTION WELL DATA SHEET

Harvard Petroleum Corporation James Federal  
 OPERATOR LEASE  
 1 810' FSL & 1830' FEL Sec 29 T23S R32E  
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic

Tabular Data



Surface Casing

Size 8 5/8 " Cemented with 400 sq.  
 TOC surface feet determined by circ.  
 Hole size 12 1/4"

Intermediate Casing

Size \_\_\_\_\_ " Cemented with \_\_\_\_\_ sq.  
 TOC \_\_\_\_\_ feet determined by \_\_\_\_\_  
 Hole size \_\_\_\_\_

Long string

Size 5 1/2 " Cemented with 100 sq.  
 TOC 4215' feet determined by CSL  
 Hole size 7 7/8"  
 Total depth 5015'

Injection interval

4844' feet to 6160' feet  
 (Perforations open-hole, indicate which)

Tubing size 2 3/8" lined with plastic (material) set in a

Arrow SL plastic or nickel coated packer at 4800' feet  
 (brand and model)  
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Delaware
- Name of Field or Pool (if applicable) undesignated
- Is this a new well drilled for injection?  Yes  No  
 If no, for what purpose was the well originally drilled? exploratory oil well
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (socks of cement or bridge plug(s) used) NO
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.  
 overlying oil &/or gas zones - NONE  
 underlying oil &/or gas zones - Bope Spring (9800')