

HIGH PRESSURE IRRIGATION PIPELINE DATA SHEET

SWCD _____ FIELD OFFICE _____

COOPERATOR _____ ENG. JOB CLASS _____ LOCATION _____

PROGRAM _____ CONTRACT NO. _____ CIN _____ FIELD NO. _____

DESIGNED BY _____ DATE _____ APPROVED BY _____ DATE _____

COMPUTATIONS CHECKED BY _____ DATE _____

1. Pipeline Material: New Line _____ Extension of Old Line _____
 Concrete _____ Steel _____ Plastic _____ Asb. Cement _____
 Will the pipeline fill the needs of a conservation irrigation system? Yes No

2. Friction Loss Per 100 Feet

Line No.	Rate of Flow		Pipe Dia. inches	Pipe Dia. inches	Pipe Dia. inches	Pipe Dia. inches
	G.P.M.	C.F.S.				

3. Pipe Size and Length

Line No.	Station to Station	Pipe Diameter		Pipe Diameter	
		Planned	Check	Planned	Check

4. Outlet Valves

Line No.	Valve Type	Size		Number		Spacing	
		Planned	Check	Planned	Check	Planned	Check

5. Head on Pipeline

Design Values	Station _____ Design	Station _____ Design	Station _____ Design	Station _____ Design
Line Friction - Ft.				
Operating Head Required at Outlet - Ft. *				
Elev. Diff. (+) or (-)				
Miscellaneous Loss				
Depth to Centerline				
Total Head on Centerline				

6. Depth of Cover: Planned _____ Checked _____

*For Sprinkler - PSI _____, Elev. _____, Swing Line _____

7. Appurtenances

Line No.	Appurtenant Structure	Size	Number		Line No.	Appurtenant Structure	Size	Number	
			Design	Check				Design	Check

8. Attach design survey and layout notes of pipeline. Show location and elevation of B.M., turns in pipe direction, all relief valves, concrete anchors, pipe size, and outlet valves and risers.

LAYOUT PLAN

Scale 1" = _____ ft.

Show : (1) pipeline location, (2) direction of irrigation for surface irrigation, (3) length of pipeline, (4) well location or water source, (5) size of pipeline, (6) north arrow, (7) critical elevation.

9. Layout:
 This system was laid out by _____ Date _____

10. Final Check:
 This practice meets specifications.
 REMARKS/EXCEPTIONS _____

Signed _____ Date _____