CHECK

PARTY _____ DATE _____

Bench Mark Elev.	
Rod Reading on BM	
Height Instrument	
Elev. Top of Dam (Net)	
Ck. Grade Rod (Top of Dam)	

SPILLWAY (S) DATA

Earth (Control Section): Planned Elev. _____ Grade Rod _____

Structural (As Built): Crest Elev. _____ Downstream Invert Elev. _____

CROSS SECTION NOTES
(Rod Readings over Horizontal Distance)

Upstream	C_L	Downstream	C_L Grade Rod (Ck GR - Shrink.) 1/	As Built (C_L GR - RR)
Steepest Construction Slope: _____ :1		Steepest Construction Slope: _____ :1		

Spillway Profile: Rod _____ Dist. _____

As-built Width of Spillway _____ Ft. Exceptions _____

Spillway Elevation _____ Ft.

Depth of Reservoir _____ Ft.

1/ CONSTRUCTED FILL HEIGHT IS ADEQUATE IF CENTERLINE ROD READING IS EQUAL TO OR LESS THAN THIS FIGURE AT EACH STATION. SPILLWAY IS ADEQUATE IF CENTERLINE ROD READING IS EQUAL TO OR GREATER THAN THIS FIGURE.

Remarks: _____

I certify that this practice meets NRCS specifications:

I have EJAA Construction Class	Signature	Date

United States Department of Agriculture
NRCS Natural Resources Conservation Service
Texas

FARM POND DATA SHEET

Cooperator:		Field Office:	
I.D. #:		SWCD:	
CIN.:		Location:	
Job Class:	Field #:	Structure #:	
Additional Notes:			

Engineering Approval	Signature	I have EJAA Class	Date
Design by:			
Comps Checked by:			
Design Reviewed by:			
Design Approved by:			

WATERSHED DATA:

Land Use	Description	Hydrologic Soils Group	Curve Number	Acres	Product (CN) (Ac.)
Total	XXXX	XXXX	XXXX		

Spillway Protection: Kind _____

Slope Protection: Kind _____

Structural Spillway: Type _____

Surface Area _____ Ac.
Storage _____ Ac. Ft.

Curve Number: CN= Σ(CN)(AC)/TOTAL AC. = _____ Use _____

Avg Slope = _____ Percent _____ Slope Factor _____

Design Frequency = _____ Yr., 24 Hr. Storm Dist'b Type _____

Storm Rainfall: _____ Inches Runoff Depth: _____ Inches

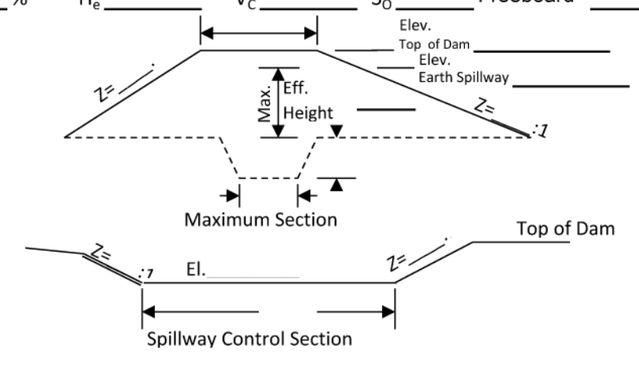
Peak Runoff: Q: _____ c.f.s.

PROFILE OF SPILLWAY BELOW ENTRANCE
Use appropriate scales

SPILLWAY CONTROL SECTION DESIGN: Chart No. _____

Excavated Spill: $H_e(D)$ _____ b_O _____ d_C _____ V_C _____ L _____ Z _____ :1, S_O _____ Freeboard _____

Natural Spill: Slope of Natual Ground % _____ % H_e _____ V_C _____ S_O _____ Freeboard _____



SKETCH OF DAM, SPILLWAY & RESERVOIR
Show BM Location, Sta. 0+00, Reference Points, North Arrow, Appurtenant Structures and Reference to Field Location.

Submitted By _____ Date _____

Approved By _____ Date _____

SURVEY NOTES AND COMPUTATIONS - LAYOUT

PARTY _____ Date _____

Bench Mark Elev _____ BM Description _____
Rod Reading on BM _____
Height Instrument _____
Elev. Top of Dam _____ Freeboard + D _____
Grade Rod Top of Dam _____ Spillway Grade Ro _____

CROSS SECTION NOTES
(Rod Readings Over Horizontal Distance From Center)

Upstream Slope _____ :1 C_L Downsteam Slope _____ :1

Station	____% Shrinkage	Height at Center (Feet)	Width (Feet) Top	Base	Average	End Area Sq. Ft. or Volume Cu. Yd./ Ft.	Sum of Adjacent Sections (A)	1/2 Length of Segment (Feet) (B)	Product Column (A) X (B)