BITTER CREEK

SUBWATERSHED OF THE

WASHITA RIVER WATERSHED

FLOODWATER RETARDING STRUCTURE SITE NO. 18

BY

GRADY COUNTY CONSERVATION DISTRICT

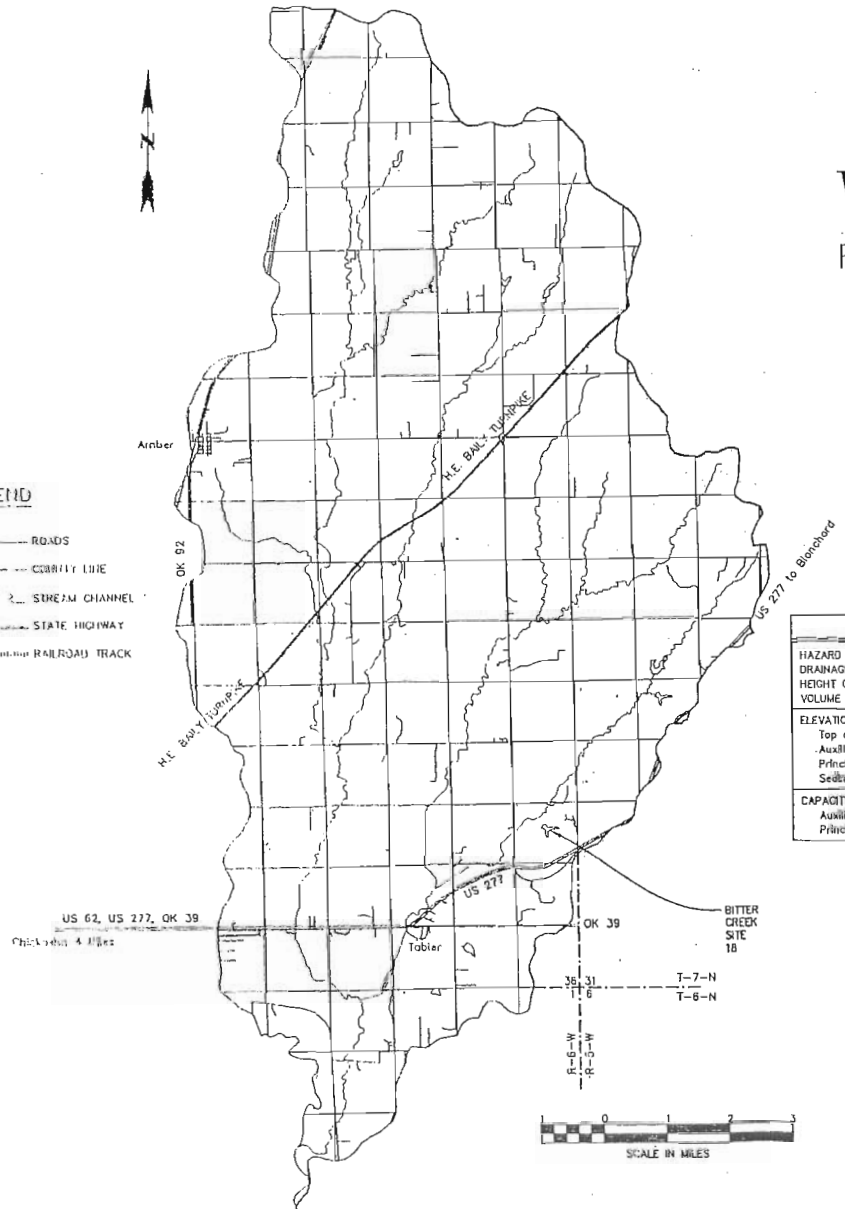
WITH THE ASSISTANCE OF THE

NATURAL RESOURCES CONSERVATION SERVICE

OF THE

U.S. DEPARTMENT OF AGRICULTURE

2005



LEGEND

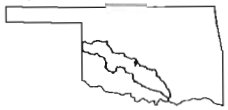
- ROADS
- COUNTY LINE
- STREAM CHANNEL
- STATE HIGHWAY
- RAILROAD TRACK

DATA TABLE	
HAZARD CLASS	"a"
DRAINAGE AREA	0.49 Sq. Mi.
HEIGHT OF DAM	35.1 ft.
VOLUME OF FILL	20,000 Cu. Yd.
ELEVATION:	
Top of Dam (Effective)	1159.0 ft.
Auxiliary Spillway Crest	1156.0 ft.
Principal Spillway Crest	1135.0 ft.
Sediment Pool (50 Year)	1139.0 ft.
CAPACITY:	
Auxiliary Spillway (Maximum)	167 cfs
Principal Spillway	35 cfs

INDEX OF DRAWINGS

	TITLE
1	COVER SHEET
2	RESERVOIR AREA MAP
3	PLAN OF EMBANKMENT
4-5	PRINCIPAL SPILLWAY – PLAN & SECTION
6	DRAINAGE SYSTEM
7	CONDUIT DETAILS
8	PRINCIPAL SPILLWAY INLET
9-11	STEEL PLACEMENT – PRINCIPAL SPILLWAY INLET
12	PRINCIPAL SPILLWAY – INLET DETAILS
13	FENCE AND MONUMENT DETAILS
14-19	PLAN AND PROFILES FOR GEOLOGIC INVESTIGATION

VICINITY MAP



CHECK PRINT

CONSTRUCTION DRAWINGS APPROVED

STATE CONSERVATION ENGINEER, NRCS
STILLWATER, OKLAHOMA

DATE

Sheet 1 of 19 — Drawing No. OK-383

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GRADYCOUNTY CONSERVATION DISTRICT
UNNAMED TRIBUTARY TO SPRING CREEK
FLOODWATER RETARDING STRUCTURE
ENCLOSURE 2 OF 5