H. No. 6ST-1

DRILLING LOG	DIVISION Southwestern	INSTALLATION Galv Dist, Eng Div	SHEET OF SHEETS

1. PROJECT Wallisville Reservoir	10. SIZE AND TYPE OF BIT
2. LOCATION (Coordinates or Station)	11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
3. DRILLING AGENCY U. S. Army Corps of Engineers	12. MANUFACTURER'S DESIGNATION OF DRILL
4. HOLE NO. (As shown on drawing title and file number) 6ST-1	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED 9 Jars; UNDISTURBED 40 Cont
5. NAME OF DRILLER Smith X = 3,353,080 Y = 744,200	14. TOTAL NUMBER CORE BOXES
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	15. ELEVATION GROUND WATER
	16. DATE HOLE: STARTED 16 Apr; COMPLETED 22 Apr 1964
	17. ELEVATION TOP OF HOLE +3.2'
7. THICKNESS OF OVERBURDEN	18. TOTAL CORE RECOVERY FOR BORING %
8. DEPTH DRILLED INTO ROCK	19. SIGNATURE OF INSPECTOR
9. TOTAL DEPTH OF HOLE 125.0	

~~ELEVATION~~ Depth a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) Soil Test Model C4398 Pocket Penetrometer
0.0	2.0		Brown-gray sandy clay w/o.m. stiff			Cont. 1 1.25
2.0	4.0		Same as above, stiff			Cont. 2 1.25
4.0	6.0		Tan-gray clay w/sand seams soft			Cont. 3 0.25
6.0	8.0		No recovery, believed to be soft gray sandy clay			No sample
8.0	10.0		Gray sand w/shell frag	0.66-34		Jar 1
10.0	12.0		No recovery, believed to be gray clayey sand v/soft 10.0-10.5 Seat Pent 10.5-11.0 2 blows 11.0-11.5 1 blow 11.5-12.0 Retain sample			No sample
12.0	15.0		Washed, same as above			No sample
15.0	17.0		Believed to be same as below 15.0-15.5 Seat Pent 15.5-16.0 3 blows 16.0-16.5 2 blows 16.5-17.0 Retain sample			No sample
17.0	19.0		Gray sand w/shell			Cont. 4 Perm
19.0	22.0		Washed, same as above			No sample
22.0	24.0		Gray sandy clay w/shell frag 22.0-22.5 Seat Pent 22.5-23.0 1 blow 23.0-23.5 not recorded 23.5-24.0 Retain sample			Jar 2
~~24.0~~	26.0		Gray sandy clay w/shell medium			Cont. 5 D.S 0.50
26.0	28.0		Gray sandy clay, medium			Cont. 6 Consol 0.75
28.0	30.0		Gray clay w/sand pockets stiff			Cont. 7 1.25
30.0	32.0		Tan gray clay, stiff			Cont. 8 1.75
32.0	34.0		Olive brown sandy clay w/cal nod, v/stiff			Cont. 9 3.0
34.0	36.0		Same as above, v/stiff			Cont. 10 2.50
36.0	38.0		Same as above, v/stiff			Cont. 11 2.50
38.0	40.0		Brown olive clayey sand, stiff			Cont. 12 Unc. 1.0
40.0	42.0		Tan sand 40.0-40.5 Seat pent 40.5-41.0 1 blow			

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DRILLING LOG	DIVISION Southwestern	INSTALLATION Galv Dist, Eng Div	SHEET OF SHEETS

1. PROJECT Wallisville Reservoir	10. SIZE AND TYPE OF BIT
2. LOCATION (Coordinates or Station)	11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
DRILLING AGENCY	12. MANUFACTURER'S DESIGNATION OF DRILL
4. HOLE NO. (As shown on drawing title and file number)	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED / UNDISTURBED
5. NAME OF DRILLER	14. TOTAL NUMBER CORE BOXES
	15. ELEVATION GROUND WATER
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	16. DATE HOLE: STARTED / COMPLETED
7. THICKNESS OF OVERBURDEN	17. ELEVATION TOP OF HOLE
8. DEPTH DRILLED INTO ROCK	18. TOTAL CORE RECOVERY FOR BORING %
9. TOTAL DEPTH OF HOLE	19. SIGNATURE OF INSPECTOR

~~ELEVATION~~ Depth a	~~DEPTH~~ b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
40.0	42.0		Continued - Loose 41.0-41.5 2 blows 41.5-42.0 Retain sample			Jar 3	
42.0	45.0		Washed, same as above			No sample	
45.0	47.0		Tan sand M/Dense 45.0-45.5 Seat pent 45.5-46.0 5 blows 46.0-46.5 5 blows 46.5-47.0 Retain sample	0-88-12		Jar 4	
47.0	50.0		Washed, same as above			No sample	
50.0	52.0		Brown sand w/gravel M/Dense 50.0-50.5 Seat pent 50.5-51.0 6 blows 51.0-51.5 12 blows 51.5-52.0 Retain sample			Jar 5	
52.0	55.0		Washed, same as above			No sample	
55.0	57.0		55.0-56.0 Tan coarse grain sand 56.0-57.0 Brown clay w/o.m. 55.0-55.5 Seat pent 55.5-56.0 7 blows M/Dense 56.0-56.5 6 blows 56.5-57.0 Retain sample	0-9-91		Jar 6	
57.0	59.0		Light gray clay, stiff	Unc		Cont. 13	1.0
59.0	60.0		Same as above, no recovery				
60.0	62.0		Gray clay, stiff			Cont. 14	1.0
62.0	64.0		Same as above, stiff			Cont. 15	1.50
64.0	66.0		Brown-green clay w/o.m. cal, nod, stiff	Unc		Cont. 16	1.50
66.0	68.0		Green clay w/cal nod, stiff			Cont. 17	1.50
68.0	70.0		Same as above, v/stiff			Cont. 18	2.0
70.0	72.0		Same as above, v/stiff			Cont. 19	2.0
72.0	74.0		Green sandy clay w/cal nod v/stiff			Cont. 20	3.25
74.0	76.0		Same as above, v/stiff			Cont. 21	3.50
76.0	78.0		Green-brown sandy clay w/cal nod, v/stiff			Cont. 22	3.25
78.0	80.0		Green-gray silty clayey sand w/cal nod, v/stiff			Cont. 23	3.50

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DRILLING LOG

DIVISION	INSTALLATION	SHEET OF SHEETS	
1. PROJECT: Wallisville Reservoir	10. SIZE AND TYPE OF BIT		
2. LOCATION (Coordinates or Station)	11. DATUM FOR ELEVATION SHOWN (TBM or MSL)		
3. DRILLING AGENCY	12. MANUFACTURER'S DESIGNATION OF DRILL		
4. HOLE NO. (As shown on drawing title and file number)	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN	DISTURBED	UNDISTURBED
5. NAME OF DRILLER	14. TOTAL NUMBER CORE BOXES		
	15. ELEVATION GROUND WATER		
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	16. DATE HOLE	STARTED	COMPLETED
7. THICKNESS OF OVERBURDEN	17. ELEVATION TOP OF HOLE		
8. DEPTH DRILLED INTO ROCK	18. TOTAL CORE RECOVERY FOR BORING %		
9. TOTAL DEPTH OF HOLE	19. SIGNATURE OF INSPECTOR		

~~ELEVATION~~ a Depth	~~DEPTH~~	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
80.0	82.0		Gray silty clay sand w/cal nod, v/stiff			Cont. 24	2.0
82.0	84.0		Gray silty sand w/sandstone V/DENSE 82.0-82.5 Seat pent 82.5-83.0 32 blows 83.0-83.5 43 blows 83.5-84.0 Retain sample			Jar 7	
84.0	87.0		Same as above, Washed			No recovery	
87.0	89.0		Brown green clayey silt 87.0-87.5 Seat pent 87.5-88.0 17 blows DENSE 88.0-88.5 25 blows 88.5-89.0 Retain sample			Jar 8	
89.0	90.0		Same as ab ovee				
90.0	92.0		Brown clay w/sand pockets hard			Cont. 25	4.0
92.0	94.0		Brown clay, hard			Cont. 26	4.5
94.0	96.0		Same as above, v/stiff			Cont. 72	3.75
96.0	98.0		Gray-brown sandy clay varved, hard			Cont. 28	4.5+
98.0	100.0		Same as above, hard			Cont. 29	4.5+
100.0	102.0		Green brown sandy clay varved, hard			Cont. 30	4.5+
102.0	104.0		Same as above, hard			Cont. 31	4.5+
104.0	106.0		Same as above, hard			Cont. 32	4.5+
106.0	108.0		Brown gray clay, varved w/cal nod, hard			Cont. 33	4.5+
108.0	110.0		Same as above, hard			Cont. 34	4.25
110.0	112.0		Same as above, hard			Cont. 35	4.5+
112.0	114.0		Brown light green clay, w/cal nod, hard			Cont. 36	4.5
114.0	116.0		Blue sandy clay w/sand seams hard			Cont. 37	4.50+
116.0	118.0		Blue green clayey sand, washed			No sample	
118.0	120.0		Green sandy clay 118.0-118.5 Seat pent 118.5-119.0 13 blows M/DENSE 119.0-119.5 13 blows 119.5-120.0 Retain sample			Jar 9	
			Continued on next page				

No. 6ST-1 (Cont'd)

DRILLING LOG	DIVISION	INSTALLATION	SHEET OF SHEETS

1. PROJECT Wallisville Reservoir	10. SIZE AND TYPE OF BIT
2. LOCATION *(Coordinates or Station)*	11. DATUM FOR ELEVATION SHOWN *(TBM or MSL)*
3. DRILLING AGENCY	12. MANUFACTURER'S DESIGNATION OF DRILL
4. HOLE NO. *(As shown on drawing title and file number)*	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN — DISTURBED — UNDISTURBED
5. NAME OF DRILLER	14. TOTAL NUMBER CORE BOXES
	15. ELEVATION GROUND WATER
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	16. DATE HOLE — STARTED — COMPLETED
7. THICKNESS OF OVERBURDEN	17. ELEVATION TOP OF HOLE
8. DEPTH DRILLED INTO ROCK	18. TOTAL CORE RECOVERY FOR BORING %
9. TOTAL DEPTH OF HOLE	19. SIGNATURE OF INSPECTOR

~~ELEVATION~~	~~DEPTH~~ Depth	LEGEND c	CLASSIFICATION OF MATERIALS *(Description)* d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS *(Drilling time, water loss, depth of weathering, etc., if significant)* g	
120.0	122.0		Green clayey sand, v/stiff			Cont. 38	3.75
122.0	124.0		Blue sandy clay w/cal nod hard			Cont. 39	4.5
124.0	125.0		Same as above, hard			Cont. 40	4.5
			Bottomed WATER LEVEL 4.2' 18 HRS AFTER BAILING				

BOOK STRUCTURE