Hole No. 6ST-2

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-2	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED 11 Jars; UNDISTURBED 39 Cont
5. NAME OF DRILLER Smith E 144.020 N 3353.160	14. TOTAL NUMBER CORE BOXES
	15. ELEVATION GROUND WATER
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	16. DATE HOLE: STARTED 23 Apr; COMPLETED 28 Apr 1964
7. THICKNESS OF OVERBURDEN	17. ELEVATION TOP OF HOLE -2.0
8. DEPTH DRILLED INTO ROCK	18. TOTAL CORE RECOVERY FOR BORING %
9. TOTAL DEPTH OF HOLE 126.0	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	
0.0	2.0		Dark gray brown, tan, varigated sandy clay w/o.m., stiff			Cont. 1	1.0
2.0	4.0		Light gray sandy clay, soft			Cont. 2	0.25
4.0	6.0		Gray clayey sand, w/shell soft	SC		Cont. 3	0.25
6.0	8.0		Gray clayey sand 6.0-6.5 Seat Pent 6.5-7.0 Weight of 1 rod hammer 7.0-7.5 1 blow 7.5-8.0 Retain sample			Jar 1	
8.0	11.0		Washed, same as above			No sample	
11.0	13.0		Gray sand w/shell frag 11.0-11.5 Seat Pent 11.5-12.5 Weight of 5'&10' rod & hammer 12.5-13.0 Retain sample			Jar 2	
13.0	16.0		Washed, same as above			No sample	
16.0	18.0		Gray clayey sand w/shell frag 16.0-16.5 Seat Pent 16.5-17.0 2 blows 17.0-17.5 2 blows 17.5-18.0 Retain sample	Loose		SC-SM Jar 3	
18.0	21.0		Washed,			No sample	
21.0	23.0		Gray sandy clay w/shell frag 21.0-21.5 Seat Pent 21.5-22.0 1 blow 22.0-22.5 1 blow 22.5-23.0 Retain sample	Loose		Jar 4	
23.0	24.0		Washed, same as above			No sample	
24.0	26.0		Gray sandy clay w/shell, med			Cont. 4	0.50
26.0	28.0		Gray sandy clay w/shell, med			Cont. 5	0.75
28.0	30.0		Same as above			Jar 5	
30.0	32.0		Gray tan sandy clay w/sand-seams, stfff			Cont. 6	1.75
32.0	34.0		Gray-brown, varigated v/stiff, sand clay			Cont. 7	2.75
34.0	36.0		Brown green variagated stiff clayey sand, stiff			Cont. 8	1.50

continued on next page

e No. 6ST-2 (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 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	
36.0	38.0		Tan green sand w/clay pockets Set.			Jar 6	
38.0	40.0		Tan sand 38.0-38.5 Seat Pent 38.5-39.0 1 blow 39.0-39.5 1 blow 39.5-40.0 Retain sample			Jar 7	
40.0	43.0		Washed, same as above			No sample	
43.0	45.0		Sand, no recovery 43.0-43.5 Seat pent 43.5-44.0 4 blows 44.0-44.5 5 blows 44.5-45.0 Retain sample			No sample	
45.0	48.0		Washed, same			No sample	
48.0	50.0		Tan sand 48.0-48.5 Seat pent 48.5-49.0 18 blows 49.0-49.5 22 blows 49.5-50.0 Retain sample	coarser		Jar 8	
50.0	53.0		Washed, same as above w/med. gravel			No sample	
53.0	55.0		Tan sand 53.0-53.5 Seat pent 53.5-54.0 18 blows 54.0-54.5 19 blows 54.5-55.0 Retain sample	coarser		Jar 9	
55.0	56.0		Washed, same as above			No sample	
56.0	58.0		Tan gray clay, variegated v/stiff			Cont. 9	3.50
58.0	60.0		Same as above, v/stiff			Cont. 10	3.25
60.0	62.0		Retun sample, tan clay			Jar 10	
62.0	64.0		Tan-gray clay variegated w/cal nod, v/stiff			Cont. 11	2.50
64.0	66.0		Same as above, v/stiff			Cont. 12	2.75
66.0	68.0		Tan-gray variegated clay w/sand pockets, v/stiff			Cont. 13	2.25
68.0	70.0		No recovery, believed to be same, as above			No sample	
70.0	72.0		Brown gray clay w/cal nod hard			Cont. 14	4.25
72.0	74.0		Same as above			Cont. 15	4.25

continued on next page

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
74.0	76.0		Brown gray variegated sandy clay w/cal nod, hard			Cont. 16 4.50
76.0	78.0		Green brown silty sandy clay w/sandstone nod, v/stiff			Cont. 17 3.75
78.0	80.0		Blue-brown silty sandy clay w/sandstone nod			Cont. 18
80.0	82.0		Green and tan silty sand w/ some clay and sandstone nod Hard to stiff			Cont. 19 Top 4.50 Bottom 1.25
82.0	84.0		Brown blue clay w/layers of sandy silt w/sandstone nod hard			Cont. 20 4.0
84.0	86.0		Same as above, hard			Cont. 21 4.5
86.0	88.0		Brown gray variegated clay w/layers of sandy silt w/cal nod, hard			Cont. 22 4.25
88.0	90.0		Believed to be silty sand w/layers of clay			No sample
90.0	92.0		Brown gray clay, hard			Cont. 23 4.25
92.0	94.0		Same as above, hard			Cont. 24 4.25
94.0	96.0		Brown and gray sandy clay hard			Cont. 25 4.25
96.0	98.0		Brown and gray sandy clay hard			Cont. 26 4.25
98.0	100.0		Gray clay w/sand pockets v/stiff to hard			Cont. 27 Top 3.25 Bottom 4.25
100.0	102.0		Gray sand w/clay binder			Jar 11
102.0	104.0		Gray clayey sand, hard			Cont. 28 4.25
104.0	106.0		Gray clay w/cal nod, hard			Cont. 29 4.50
106.0	108.0		Gray clay hard			Cont. 30 4.25
108.0	110.0		Brown clay cal nod, hard			Cont. 31 4.25
110.0	112.0		Gray and brown clay Tr cal nod, hard			Cont. 32 4.0
112.0	114.0		Gray clay, grace of cal nod hard			Cont. 33 4.25
114.0	116.0		Same as above, hard			Cont. 34 4.2

continued on next page

? No. 6ST-2

DRILLING LOG

DIVISION		INSTALLATION	SHEET OF SHEETS
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
116.0	118.0		Gray clayey sand, v/stiff			Cont. 35 3.75
118.0	120.0		Gray clay shell frag, cal nod, hard			Cont. 36 4.25
120.0	122.0		Gray clay layers of sand cal nod, v/stiff			Cont. 37 3.50
122.0	124.0		Gray clay w/silt seams Hard to v/stiff			Cont. 38 Top 4.25 Bottom 3.50
124.0	126.0		Same as above, v/stiff			Cont. 39 Top 3.50 Bottom 2.00
			Bottomed Water level 4.2' on 6ST-1, 18 hrs after bailing. Water at 3.0 on 6ST-2			