

Drilling Log

Project Name Cessna						Boring No. D-15	
Project No. 85-141-4-001						Page 1 of 3	
Ground Elevation 1304.5			Location See Boring Location Plan			Total Footage 45.0	
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. of Samples	No. Core Boxes	Depth To Water	Date Measured
HSA	6"	45.0	0	8	0	See Remarks	
Drilling Co. Layne Western Company Inc				Driller (s) R Crowl B Blank			
Drilling Rig. ATV Mounted CME 750				Type of Penetration Test Standard			
Date 4.10.87		To 4.10.87		Field Observer (s) M Eversman			

Depth	Description	Class.	Blow Count	Recov.	Sample or Box No.	Remarks
1	Dark Gray Clay. Silty. Mod Stiff. Moist. Low Plasticity					Begin drilling @ 8:30a
2						
3						
4	Red Brown clay as above					
5	Red Brown Clay. Silty Stiff Moist Mod Plasticity		6-6-7	18 18	SS1	
6	Traces of fine sand					
7						
8						
9						
10	as above					
11	Red Brown Sand. Clayey. Mod Dense. Moist. Sand		5-6-9	18 18	SS2	
12	is fine grained					
13						
14						

Drilling Log, continued

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						Date <u>4.10.87</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
15	Brown Sand. Fine Grained Well Sorted. Moist Mod. Dense		4	$\frac{18}{18}$			
16			8				
17			9				
18							
19							
20	Brown sand. as above		4				
21			10				
22			14				
23							
24							
25	Brown sand. Fine to Med Grained. Well Sorted. Saturated V. Dense.		14			Water @ 25'	
26			18				
27			21				
28							
29							
30	Yellow Brown clay Silty. Wet Stiff High Plasticity Trace sand		1				
31			2				

Drilling Log, continued

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						Date <u>4.10.87</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
32	Yellow Brown Clay. Silty. Wet Stiff High Plasticity. Trace sand				SS6		
33							
34							
35	Brown sand. Medium Grained		10				
36	Poorly Sorted. V. Dense Wet Traces of gravel		14		SS7		
37			18				
38							
39							
40	Brown sand. V Fine to Fine Grained. Well Sorted. Saturated		26			Drove spoon 12"	
41	V. Dense		50		SS8	No recovery. Trap broke	
42						Installed 10' 2" ϕ PVC screen to 42'	
43						Gravel Pack to 30'	
44	as above					Benbrite Bellat Seal to 24'	
45						Grout to Surface	
46	Total Depth 45.0'				SS9	No sample taken Hole filled in Completed drilling @ 10:15 a	

- LEGEND**
- ▲ SHALLOW WELL (APPROX. 30-45ft.)
 - INTERMEDIATE WELL (APPROX. 75ft.)
 - DEEP WELL (APPROX. 100-120ft.)
 - PRODUCTION WELL
 - TEMPORARY BORING

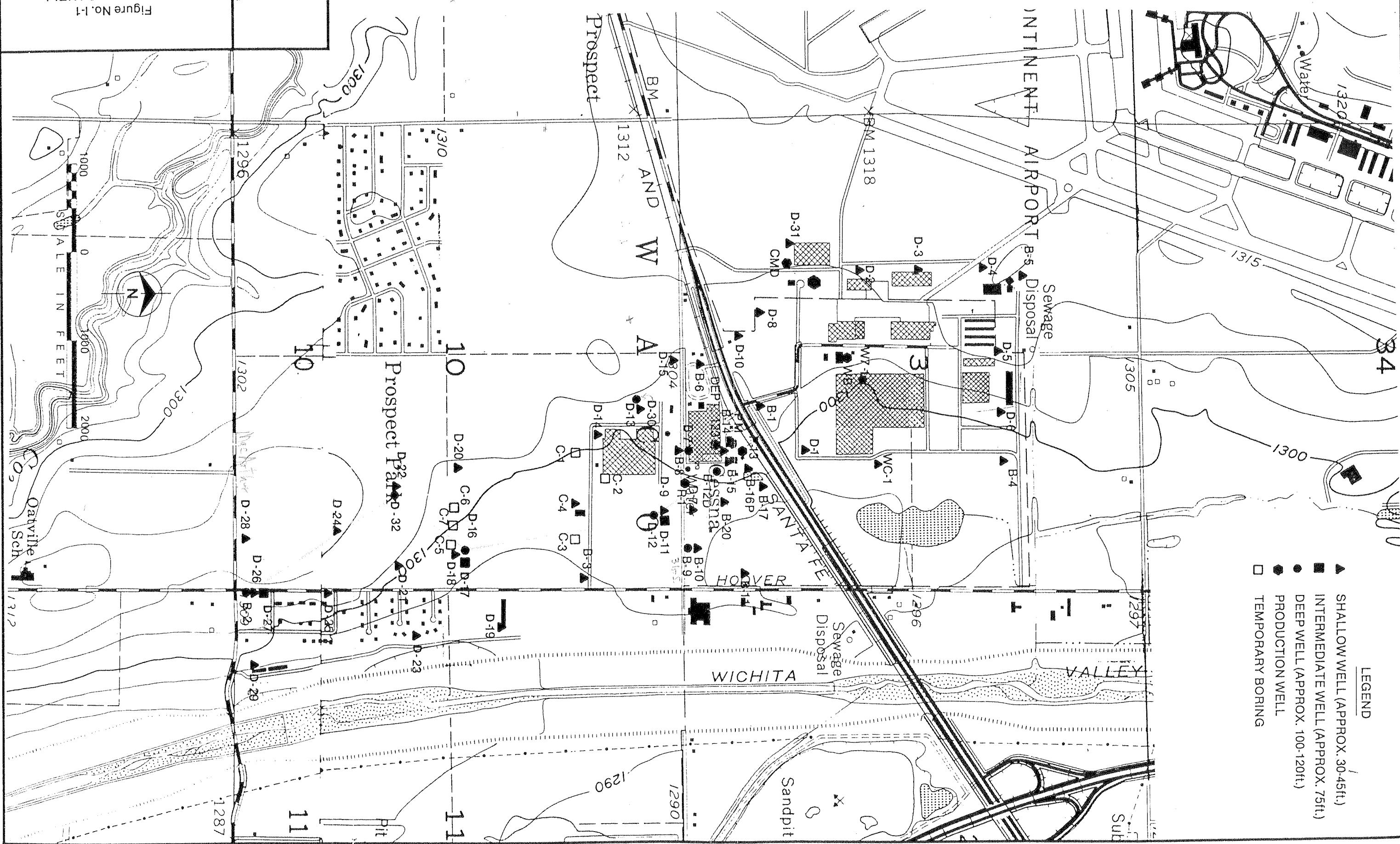


Figure No. I-1
MONITORING WELL
LOCATIONS

BUTTS & McDONNELL
ENGINEERS - ARCHITECTS - CONSULTANTS