

Drilling Log

Project Name Cessna						Boring No. 0-22	
Project No. 85-141-4-001						Page 1 of 3	
Ground Elevation 1306.59			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	9	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 4.13.87		To 4.13.87		Field Observer(s) M Eversman			
Depth	Description	Class.	Blow Count	Recov.	Sample or Box No.	Remarks	
1	Red Brown Clay. Silty. Mod Stiff Med Plasticity Roots. Traces of fine sand.					Begin drilling @ 8:45a	
2							
3							
4							
5	Red Brown Clay. Silty. Sandy. Moist. Mod Stiff. Low to Medium Plasticity. Sand is fine grained		3-3-3				
6							
7							
8							
9							
10							
11	Brown Sand. Sl. Clayey. Fine grained. Moist. Mod Dense. Well Sorted		4-6-6				
12							
13							
14							

Drilling Log, continued

Project Name <u>Cessna</u>						Boring No. <u>D-22</u>	
Project No. <u>85-141-4-001</u>						Page <u>2</u> of <u>3</u>	
						Date <u>4/13/87</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
15	Brown Sand. Fine Grained. Well Sorted. Mod. Dense. Moist		6				
16			10		SS3		
17			8				
18							
19							
20	Brown Sand Fine to Med Grained. Moist Poorly Sorted Mod. Dense. Trace of coarse sand.		6				
21			8		SS4		
22			6				
23							
24							
25	as above		8				
26			10		SS5		
27			17				
28							
29							
30	as above. Saturated.		12			Water @ 30'	
31			17		SS6		
32			17				

Drilling Log, continued

Project Name Cessna						Boring No. D-22	
Project No. 85-141-4-001						Page 3 of 3	
						Date 4.13.87	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
32	Brown Sand. Fine to Med Grained Saturated. Poorly Sorted. Med Dense. Coarse Sand present						
33							
34							
35	Yellow Brown Clay. Silty		2				
36	Med Stiff. Med. Plasticity. Moist		2		SS7		
37			4				
38							
39							
40	Gray Clay. Silty. Sandy. Med Stiff. Med Plasticity. Wet		6				
41	Fine sand layers		7		SS8	Interbedded clay and fine sand	
42			18				
43						Installed 10' 2" ϕ PVC screen to 44' Gravel Pack to 27' Bentonite Seal to 23' Grout to Surface	
44							
45	Brown Sand. Coarse Saturated.		10			Completed setting well @ 12:30p	
46	Total Depth 45.0'		12		SS9		
			14			Completed drilling and sampling @ 12:00pm	

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

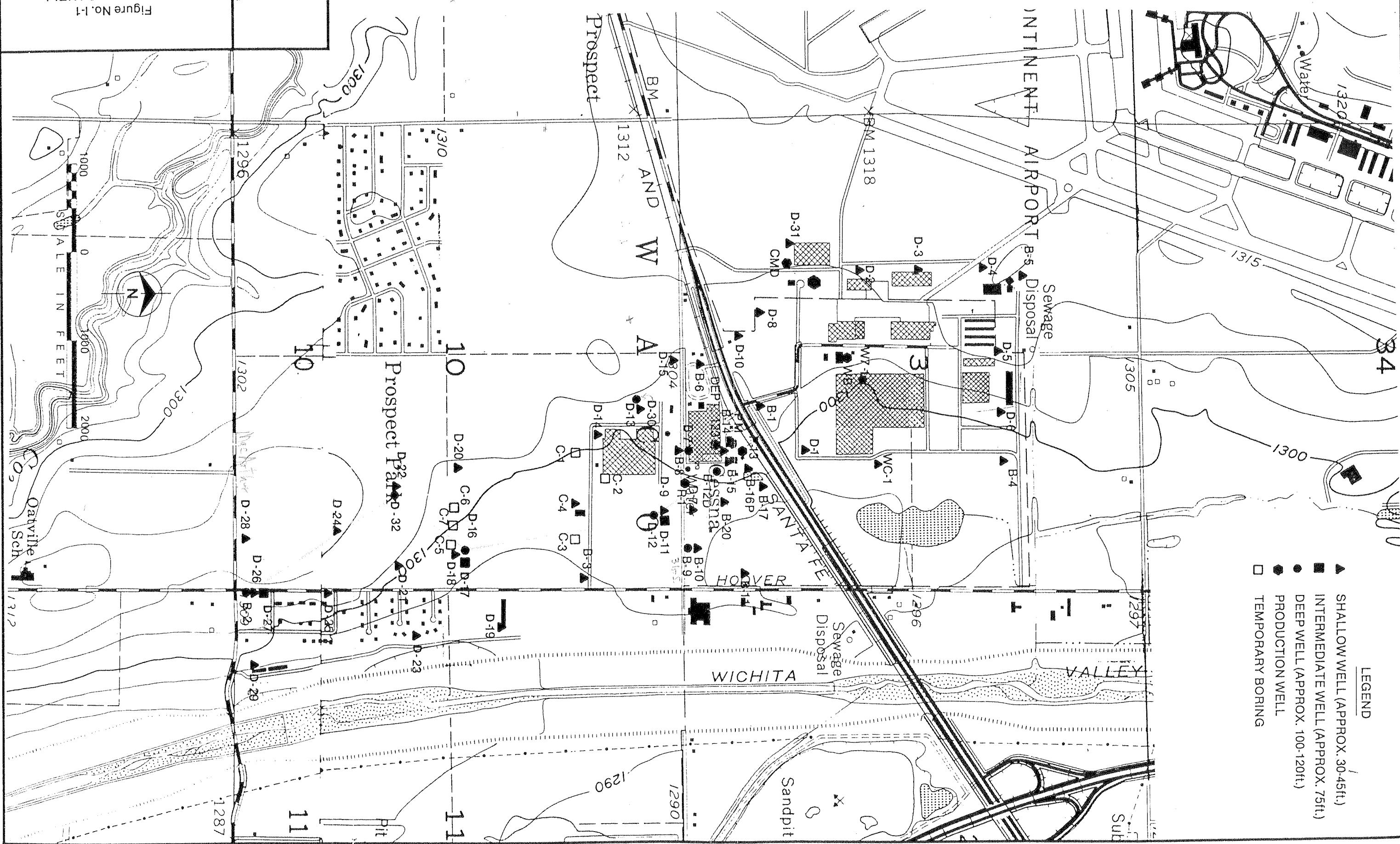


Figure No. I-1
MONITORING WELL
LOCATIONS

BUTTS & McDONNELL
ENGINEERS - ARCHITECTS - CONSULTANTS