

Drilling Log

Project Name Cessna						Boring No. D23	
Project No. B5-141-4-001						Page 1 of 3	
Ground Elevation 1288.49			Location See Boring Location Plan			Total Footage 46.5'	
Drilling Type HSA	Hole Size 6"	Overburden Footage 46.5'	Bedrock Footage - 0 -	No. of Samples - 9 -	No. Core Boxes - 0 -	Depth To Water See Remarks	Date Measured
Drilling Co. Layne Western Company Inc				Driller (s) Buck Blank			
Drilling Rig. ATV mounted CME 750				Type of Penetration Test Standard			
Date 12.6.86		To 12.6.86		Field Observer (s) M Eversman			

Depth	Description	Class.	Blow Count	Recov.	Sample or Box No.	Remarks
1	Fill Material. Sand Gravel					Started @ 2:00p
2	Cement					
3						
4						
5	Dark Grey silty clay		467	6/18		SSI
6	Damp Low to Medium plasticity stiff. Some fine grained sand and gravel. Roots					
7						
8						
9						
10	Red Brown silty clay. as above		455	8/18		SS2
11	Trace of fine sand. Gravel absent					
12						
13						
14						

Drilling Log, continued

Project Name <u>Cessna</u>						Boring No. <u>D 23</u>	
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						Date <u>12.6.86</u>	
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
15	Red Brown silty sandy clay Moist Mod stiff. Med. Plasticity Sand is v. fine grained.		5	14/10			
16			5			SS3	
17			4				
18							
19							
20	as above. Tan		4	16/18			
21			5			SS4	
22			7				
23							
24							
25	Gray clay. Wet. Med. to High Plasticity. Soft.		2	18/18			
26			3			SS5	
27	Tan v. fine grained sand Saturated Loose		4				
28							
29							
30	Tan sand Fine to Medium Grained Poorly Sorted.		4	18/18			
31			5			SS6	

Drilling Log, continued

Project Name <u>Cessna</u>						Boring No. <u>D 23</u>	
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Date							
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks	
31	<u>continued</u> Saturated. Some coarse sand and traces of medium gravel. Loose.				556		
32							
33							
34						Water added to hole so no water level could be taken	
35	Tan sand Fine to Coarse grained. Poorly sorted. Loose		6	18/18	557		
36	Saturated.		3				
37	Tan sandy clay. Wet. Mod Soft						
38	Med. Plasticity sand is y. fine to fine grained.						
39							
40	Tan silty clay. Wet.		7		558		
41	Medium Plasticity. Mod stiff		10				
42	Trace of fine sand		12				
43						Set 2" PVC 10' screen to 46' Gravel Pack to Bentonite Pellet Seal to Cement Bentonite slurry to surface	
44							
45			5		559		
46			5				
			7				
Total Depth. 46.5'						Completed @ 6:00p	

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

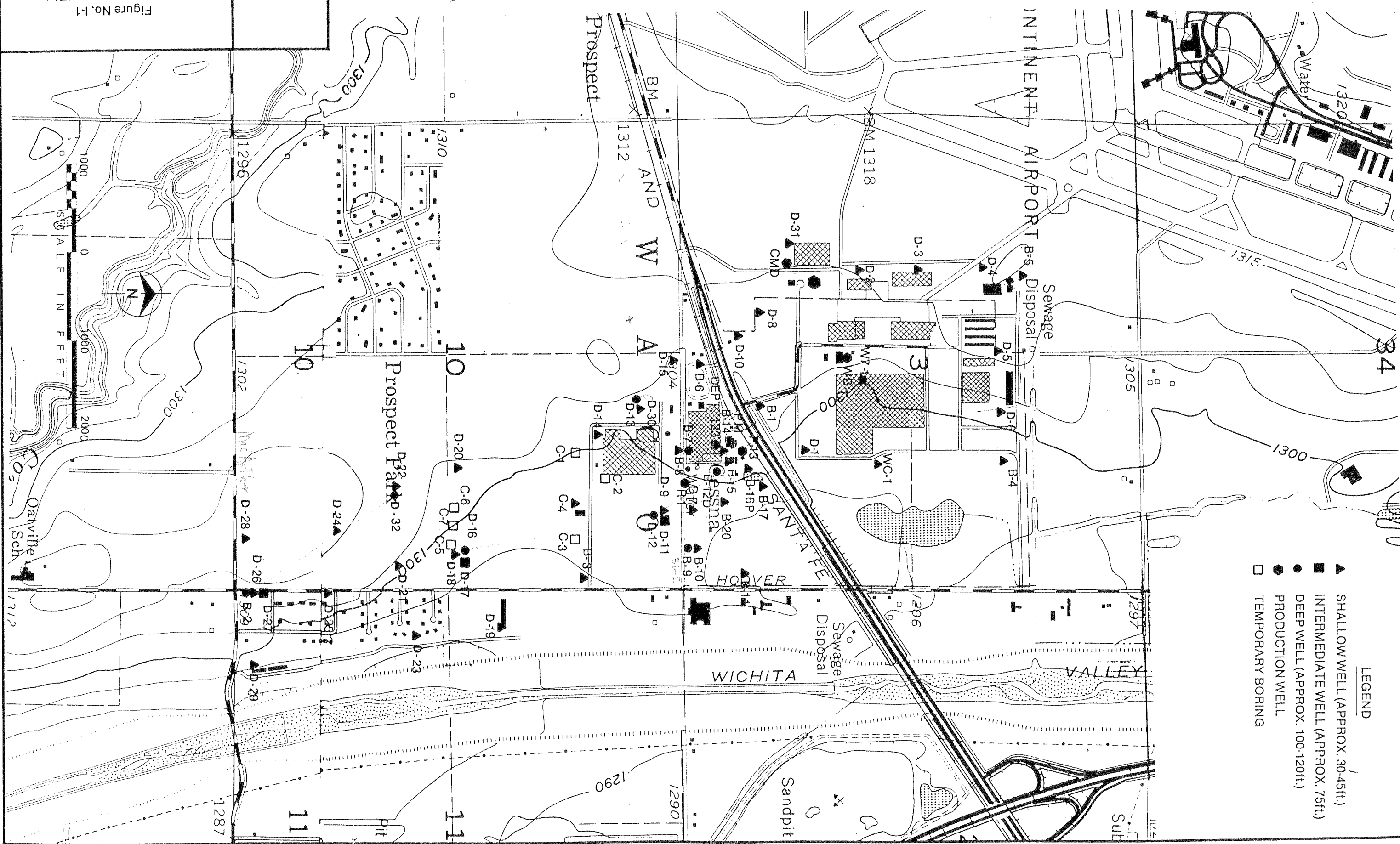


Figure No. I-1
MONITORING WELL
LOCATIONS

BUTTS & McDONNELL
ENGINEERS - ARCHITECTS - CONSULTANTS