

Drilling Log

Project Name CESSNA						Boring No. C-2	
Project No. 85-141-4-001						Page 1 of 4	
Ground Elevation 1300.40				Location		Total Footage 50.0'	
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. of Samples	No. Core Boxes	Depth To Water	Date Measured
HSA	6 1/4"	50.0'	0'	0	0	See Remarks	—
Drilling Co. Layne - Western Company, Inc.				Driller (s) Buck Blank + Bryan			
Drilling Rig. CME 750 (ATV)				Type of Penetration Test None			
Date 8-11-86		To 8-11-86		Field Observer (s) J. David Langford			

Depth	Description	Class.	Blow Count	Recov.	Sample or Box No.	Remarks
1	Dark Brown Silty Clay, Moist, medium Plastic.					Start @ 11:10 AM
2	-----					
3	Brown to Dark Brown Silty Clay. Dry to moist, w/ trace of					
4	fine sand. -----					
5	Brown clayey silt to silt, Dry, Trace of Plasticity.					
6	-----					
7	Grayish Brown Silty clay, Moist, medium to Highly Plastic.					
8						
9						
10						
11						
12	Brown, Same as above.					
13						
14						

Drilling Log, continued

Project Name <u>CESSNA</u>						Boring No. <u>C-2</u>
Project No. <u>85-141-4-001</u>						Page <u>2</u> of <u>4</u>
						Date <u>8-11-86</u>
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks
15	Brown to Rusty Brown Silty Clay, Moist, Med. Plastic, w/ some Fine to medium Sand.					
16						
17						
18	Brown to Rusty Brown Sandy Clay, Moist, Med. Plastic, Fine to Coarse Sand, w/ a trace of gravel.					
19						
20						
21						
22	Rusty Brown Clayey Gravelly Sand, moist to wet, Coarse Sand.					
23						
24	Brown Clayey Sand, wet, Medium to Coarse Sand.					
25						
26						
27						
28						
29						
30						
31						

Drilling Log, continued

Project Name CESSNA						Boring No. C-2 L
Project No. 85-141-4-001						Page 3 of 4
						Date 8-11-86
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks
32	Brown to Dark Brown, Sandy Clay, moist, med. Plastic, med. to Coarse Sand.					
33						
34						
35						
36						
37	Brown to Rusty Brown Clayey Sand, wet, med. to Coarse Sand.					
38						
39						
40						
41						
42						
43						
44						
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46						
47						
48						

Drilling Log, continued

Project Name CESSNA						Boring No. C-2
Project No. 85-141-4-001						Page 4 of 4
						Date 8-11-86
Depth	Description	Log or Class	Blow Count	Core Recov. & Loss	Box or Sample No.	Remarks
49						
50	TQ = 50.0'					completed Drilling @ 1:35pm
51						H ₂ O @ 47'-9.5" inside HSA.
52						Bottom of hole @ 48'-2" inside HSA.
53						Unable to obtain water sample. withdrew augers to 45.0'.
54						Drove SPT @ 45.0' @ 2:05pm.
55						H ₂ O @ 24'-2" Below Top of casing upon completion.
56						H ₂ O @ 23'-8" Below grade.
57						obtained 4 @ 40ml groundwater samples @ 3:25pm. Removed augers.
58						
59						
60						
61						
62						
63						
64						
65						

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

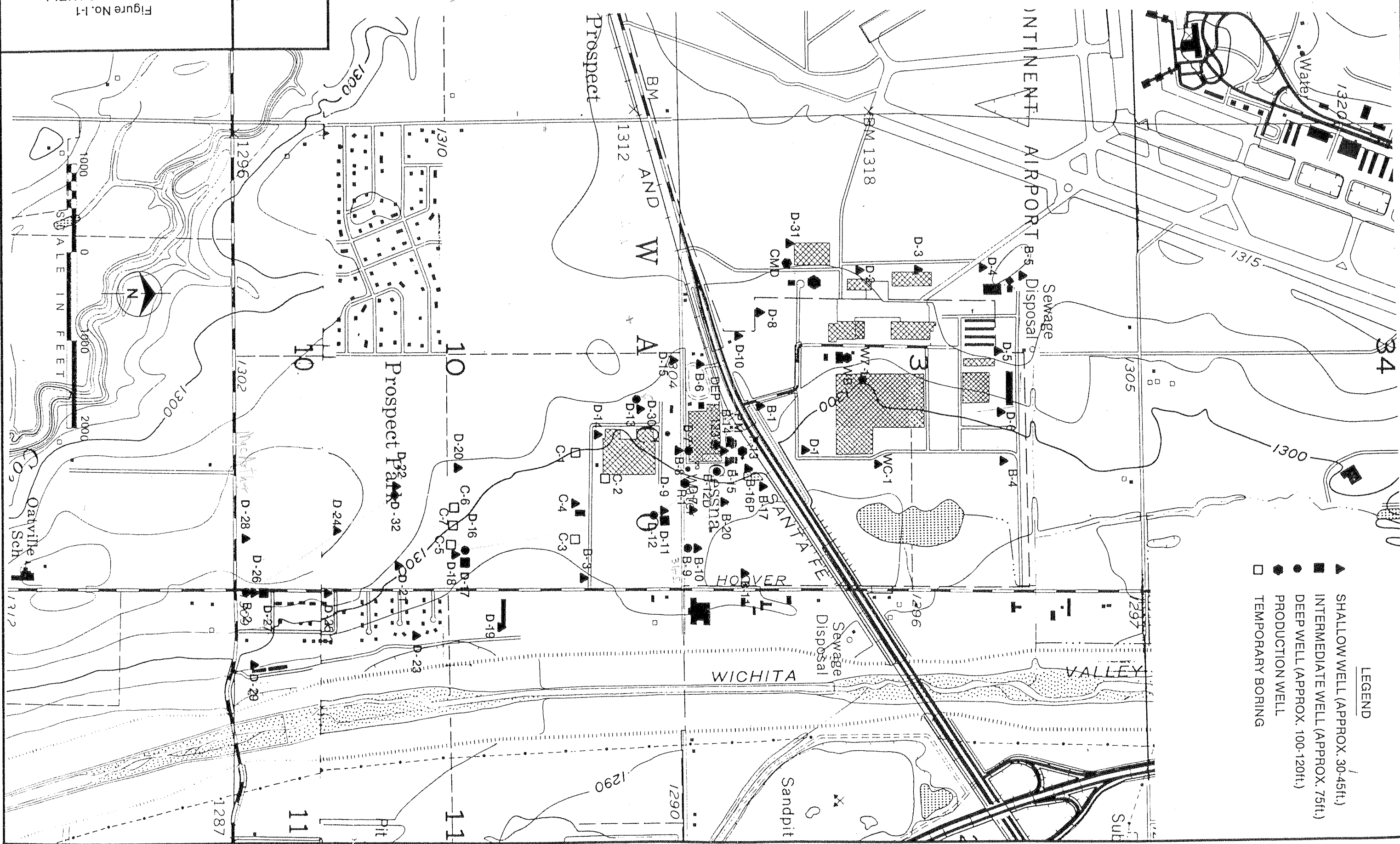


Figure No. I-1
MONITORING WELL
LOCATIONS

BUTTS & McDONNELL
ENGINEERS - ARCHITECTS - CONSULTANTS