

1 LOCATION OF WATER WELL: Fraction 1/4 SW 1/4 SW 1/4 SW 1/4 Section Number 23 Township Number T 27 S Range Number 2 E W
 County: Sedgewick

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here Northeast corner of S 127th Street E and 54 Highway; Wichita, KS
(SAL 36 I)

Global Positioning Systems (GPS) information:
 Latitude: 37.68015 (in decimal degrees)
 Longitude: -97.18915 (in decimal degrees)
 Elevation: _____
 Horizontal Datum: WGS84, NAD83, NAD27
 Collection Method: _____

2 WATER WELL OWNER: Raytheon Aircraft Co.
 RR#, St. Address, Box #: 9709 E Central
 City, State ZIP Code: Wichita, KS 67206

GPS unit (Make/Model: Garmin etrek)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: < 3 m, 3-5 m, 5-15 m, > 15 m

3 MARK WELL'S LOCATION WITH AN "X" IN SECTION BOX:

N			
	NW		NE
W			E
	SW		SE
S			

4 DEPTH OF WELL 63 ft.
 WELL'S STATIC WATER LEVEL _____ ft.
 WELL WAS USED AS:
 Domestic Public Water Supply Dewatering SAL 36 I
 Irrigation Oil Field Water Supply Monitoring
 Feedlot Domestic (Lawn & Garden) Injection Well
 Industrial Air Conditioning Other _____
 Was a chemical/bacteriological sample submitted to Department? Yes No

5 TYPE OF BLANK CASING USED:

Steel RMP (SR) Wrought Fiberglass Other (Specify below)
 PVC ABS Asbestos-Cement Concrete Tile

Blank casing diameter 2 in. Was casing pulled? Yes No If yes, how much all
 Casing height above or below land surface -6 in.

6 GROUT PLUG MATERIAL: Neat cement Cement grout Bentonite Other Top Soil

Grout Plug Intervals: From 0 ft. to 3 ft., From 3 ft. to 63 ft., From ft. to ft.

What is the nearest source of possible contamination:
 Septic tank Seepage pit Fuel storage Other (specify below)
 Sewer lines Pit privy Fertilizer storage
 Watertight sewer lines Sewage lagoon Insecticide storage
 Lateral lines Feedyard Abandoned water well Direction from well? _____
 Cess pool Livestock pens Oil well/Gas well How many feet? _____

FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
0	3	Top Soil			
3	63	Bentonite			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was plugged under my jurisdiction and was completed on (mo/day/year) 10/06/2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 710. This Water Well Record was completed on (mo/day/year) 11/20/2017 under the business name of Below Ground Surface, Inc. by (signature) Craig K. Hewitt



IT CORPORATION
A Member of the IT Group

Drilling Log

Monitoring Well **SAL-36I**

Project Raytheon Aircraft Owner Raytheon Aircraft Company
 Location Wichita, KS Proj. No. 052200476
 Surface Elev. _____ Total Hole Depth 63 ft. Diameter 7 1/4 in.
 Top of Casing _____ Water Level Initial 58.05 ft. Static _____
 Screen: Dia 2 in. Length 20 ft. Type/Size .01 in.
 Casing: Dia 2 in. Length 43 ft. Type Sch 40 PVC
 Fill Material RichMix Sand Coarse Rig/Core CME45 - 5' Continuous
 Drill Co. Funkce Drilling Method HSA
 Driller Glen Kurtz Log By Dennis White Date 08/28/00 Permit # _____
 Checked By _____ License No. _____

See Site Map
For Boring Location

COMMENTS:

Depth (ft.)	Well Completion	PID (ppm)	Sample ID	Blow Count/ % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2							
0						CL	0-1' <i>silty CLAY</i> , dark brown, fill, dry, with gravel.
2		8.4		100%		CL	1-1.75' <i>silty CLAY</i> , yellow brown, broken, friable, boxey texture, dry. 1.75-6' <i>silty CLAY</i> , gray green, stiff to hard, some plasticity, some caliche.
4						CL	
6						CL	6-9' <i>silty CLAY, GYPSUM & LIMESTONE</i> , gray green, interbedded, decreasing silt with depth. Limestone is crystalline, weathered, approximately 3/4 inch thick at 6-6.25' and 8.75-9'. Gypsum at 7'.
8		3.9		100%		CL	
10						CL	9-13' <i>silty CLAY</i> , gray green with yellow brown staining, stiff, medium plasticity, moist, grading to clayey silt at 10.5'.
12						CL	
14		3.7		100%		ML	13-13.25' <i>LIMESTONE & GYPSUM</i> , weathered, dry. 13.25-17.5' <i>clayey SILT</i> , yellow brown, stiff grading to soft, wet at 15.5', limestone at 15.25', and saturated at 17.5'.
16						ML	
18		7.4		100%		ML	17.5-17.75' <i>GYPSUM & LIMESTONE</i> , gray, weathered, crystalline, saturated. 17.75-20.25' <i>clayey SILT</i> , pinkish gray, some plasticity, wet to moist, with gypsum at 18 and 18.5'.
20						ML	
22						CL	20.25-23' <i>SHALE</i> , gray green, weathered, with gypsum in fissures, structure present, friable, moist to wet, very silty (limey).
24		5.6		100%		CL	23-31' <i>silty CLAY</i> , gray green, stiff, some plasticity, silt content varies, gypsum at 24', 1" thick, gypsum in cracks at 24.75', with 1" lense at 26.25', some iron stain around gypsum.



Project Raytheon Aircraft Owner Raytheon Aircraft Company
Location Wichita, KS Proj. No. 052200476

Depth (ft.)	Well Completion	PID (ppm)	Sample ID	Blow Count/ % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
24							
26							
28		5.8		100%		CL	
30							
32		6.1		100%			31-37.5' SHALE, olive gray, weathered, with interbedded limestone at 31.25, 32, 32.75, and 35'. Weathered gypsum at 34.5'. Less than 1/4 seam with iron staining.
34							
36							
38		5.4		100%			37.5-38' limey SHALE, light gray, platy, friable, some iron staining. 38-38.75' SHALE, olive gray, weathered, hard, dry. 38.75-41' limey SHALE, light gray, weathered, hard, dry.
40							
42							41-43' No Return, spindle, hard.
44							43-47' SHALE, dark olive, weathered, platy, damp, some iron staining.
46		3.3					
48							47-47.1' limey SHALE, light gray, hard, damp. 47.1-51' No Return, hard.
50							
52						ML	51-53.5' clayey SILT & LIMESTONE, light gray, wet, some gypsum and limey shale.
54		8.1					53.5-57.5' No Return, limestone in sampler, spindle to 57.5'.
56							



IT CORPORATION
A Member of the IT Group

Drilling Log

Monitoring Well **SAL-36I**

Project Raytheon Aircraft Owner Raytheon Aircraft Company
Location Wichita, KS Proj. No. 052200476

Depth (ft.)	Well Completion	PID (ppm)	Sample ID	Blow Count/ % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%	
56							57.5-82.25' SHALE, dark gray to dark gray green, platy, friable, wet at 58', saturated at 59.75'.	
58								82.25-83' SHALE, light tan, dense, dry.
60								
62						83' REFUSAL		
64								
66								
68								
70								
72								
74								
76								
78								
80								
82								
84								
86								
88								



<p>LEGEND</p> <ul style="list-style-type: none"> ◆ Intermediate Monitor Well ~ Groundwater Elevation Contour (ft) (1322.25) Groundwater Elevation (ft) (1324.25) Posted Value Only (1326.25) Not Used In Contouring (m) Not Measured 	
<p>CLIENT: RAYTHEON COMPANY</p>	
<p>LOCATION: STORAGE YARD WICHITA, KANSAS</p>	
<p>FIGURE: 6</p>	
<p>CRB CRB ENVIRONMENTAL & INFRASTRUCTURE, INC. 7300 W. 33RD STREET NORTH, SUITE 100 WICHITA, KS 67205 (316) 252-8000</p>	
<p>OFF-SITE INTERMEDIATE POTENTIOMETRIC SURFACE MAP (NOVEMBER 2015)</p>	

