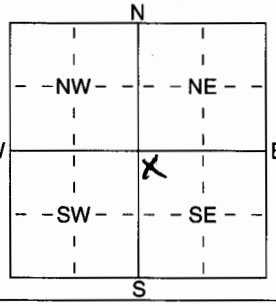
WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. IM-34

1 LOCATION OF WATER WELL: County: PHILLIPS | Fraction: NW ¼ NW ¼ SE ¼ | Section Number: 27 | Township Number: T 3 S | Range Number: R 18 E W

Distance and direction from nearest town or city street address of well if located within city?
NORTH HIGHWAY 183, PHILLIPSBURG, KS

2 WATER WELL OWNER: CONTINENTAL RESOURCES TERMINAL
RR#, St. Address, Box # : P.O. BOX 608
City, State, ZIP Code : PHILLIPSBURG, KS 67661
Board of Agriculture, Division of Water Resources Application Number:

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



4 DEPTH OF COMPLETED WELL 50 ft. ELEVATION:
Depth(s) Groundwater Encountered 1 ..... ft. 2 ..... ft. 3 ..... ft.
WELL'S STATIC WATER LEVEL ..... ft. below land surface measured on mo/day/yr .....
Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm
Est. Yield ..... gpm: Well water was ..... ft. after ..... hours pumping ..... gpm
WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Domestic (lawn & garden) 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below) .....

Was a chemical/bacteriological sample submitted to Department? Yes ..... No .....; If yes, mo/day/yrs sample was submitted
Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 1 Steel (5) PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) .....
CASING JOINTS: Glued ..... Clamped ..... Welded ..... Threaded X
Blank casing diameter 2 in. to 35 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.
Casing height above land surface 24 in., weight ..... lbs./ft. Wall thickness or guage No. SCH40

TYPE OF SCREEN OR PERFORATION MATERIAL: (7) PVC 1 Steel 2 Brass 3 Stainless Steel 4 Galvanized Steel 5 Fiberglass 6 Concrete tile 8 RMP (SR) 9 ABS 10 Asbestos-Cement 11 Other (Specify) ..... 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot (3) Mill slot 2 Louvered shutter 4 Key punched 5 Guazed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) ..... 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 50 ft. to 35 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 0.50 ft. to 33 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout (3) Bentonite 4 Other .....
Grout Intervals: From 33.0 ft. to 1.0 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

What is the nearest source of possible contamination:
1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) .....
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	0.5	ORGANIC CLAY - TOPSOIL			
0.5	24	SILT, CLAYEY, YELLOW BROWN LOW PLASTICITY			
24	42.5	CLAY, SILTY, YELLOW BROWN, MED. TO HIGH PLASTICITY			
42.5	45.5	SAND, GRAY-BLACK, FINE TO MED. GRAINED, WELL SORTED			RECEIVED
45.5	52	CLAY, GRAY TO YELLOW BROWN, SAND SEAM @ 46 MED TO HIGH PLASTICITY			SEP 30 2004
					BUREAU OF WATER

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 7-20-04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 529 This Water Well Record was completed on (mo/day/yr) 8/17/04 under the business name of GEOTECHNOLOGY, INC. by (signature)

INSTRUCTIONS: Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.

Boring Log: ***IM-34***

Project: Coffeyville - CRT
Project No.: 131018
Location: Phillipsburg
Completion Date: 7/19/04-7/20/04

Surface Elevation (feet AMSL*): 1932.90
TOC Elevation (feet AMSL*): 1935.95
Total Depth (feet): 50
Borehole Diameter (inches): 8.25

ENVIRONMENTAL STRATEGIES

Sample Data					Subsurface Profile		
Depth	Sample Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Construction
0						Ground Surface	
						Organic Clay (OL)	
						Clayey silt (ML) stiff, light brown, low plasticity, dry	
2		0/0		84			
4							
6		0/1		84			grout
8							
10		0/0		98			
12							
14		0/0		93			
16						***Sandy, clayey silt (ML)*** med stiff- stiff, 10YR5/6, low plasticity, dry,carbonate nodules	
18		0/1		93			
20							

Geologist(s): Mike Haggerty & Laura Scheid
Subcontractor: Geotechnology
Driller/ Operator: Craig

Method: HSA ☐ Geoprobe ☐ ID(inches): Rotosonic ☐

** AMSL= Above mean sea level*

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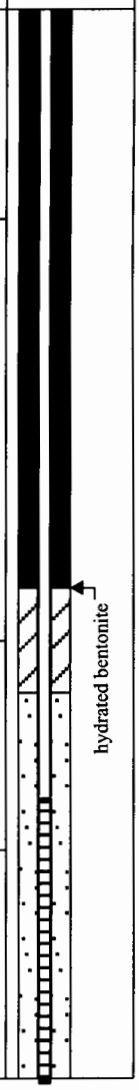
Depth	Sample Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Construction
22		0/0		96		***Sandy silt (ML)*** stiff, 10YR6/4, dry, occasional large pebble	
24		0/0		98		***Sandy, silty clay (CL)*** soft-medium stiff, 10YR4/4, low plasticity, higher clay content with depth, occasional large inclusion	
26		0/0		98			
28		0/0		98			
30							
32		0/0		100		***Sandy, silty clay (CL)*** medium stiff, 10YR4/4, low plasticity, dry	
34							
36		0/0		100		***Sandy, clay (CL/CH)*** 10YR3/3, medium-high plasticity, increase in sand content with depth	
38							
40							



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Depth	Sample Interval	PID/OVM (ppm)	Blow Count	% Recovery	Lithology	Description	Well Construction
42		875/184		85		***Sandy, clay (CL)*** med stiff-stiff, 10YR4/4, medium plasticity	
44		498/209	16	100		***Sand (SW)*** loose, gray-black, well sorted, fine-medium grains	sand filter pack
46		584/823	4	100		***Clay (CL)*** stiff, low plasticity, wet ***Sand (SW)*** loose, gray, well sorted,wet	
48		21/-	11	100		***Clay (CH)*** soft, 10YR6/4, high plasticity ***Clay (CL/CH)*** med stiff, 10YR6/4, medium plasticity - increasing with depth, moist-wet	
50		32/283	7	100			15' 0.010 " slotted PVC pipe
52							
54							
56							
58							
60							

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