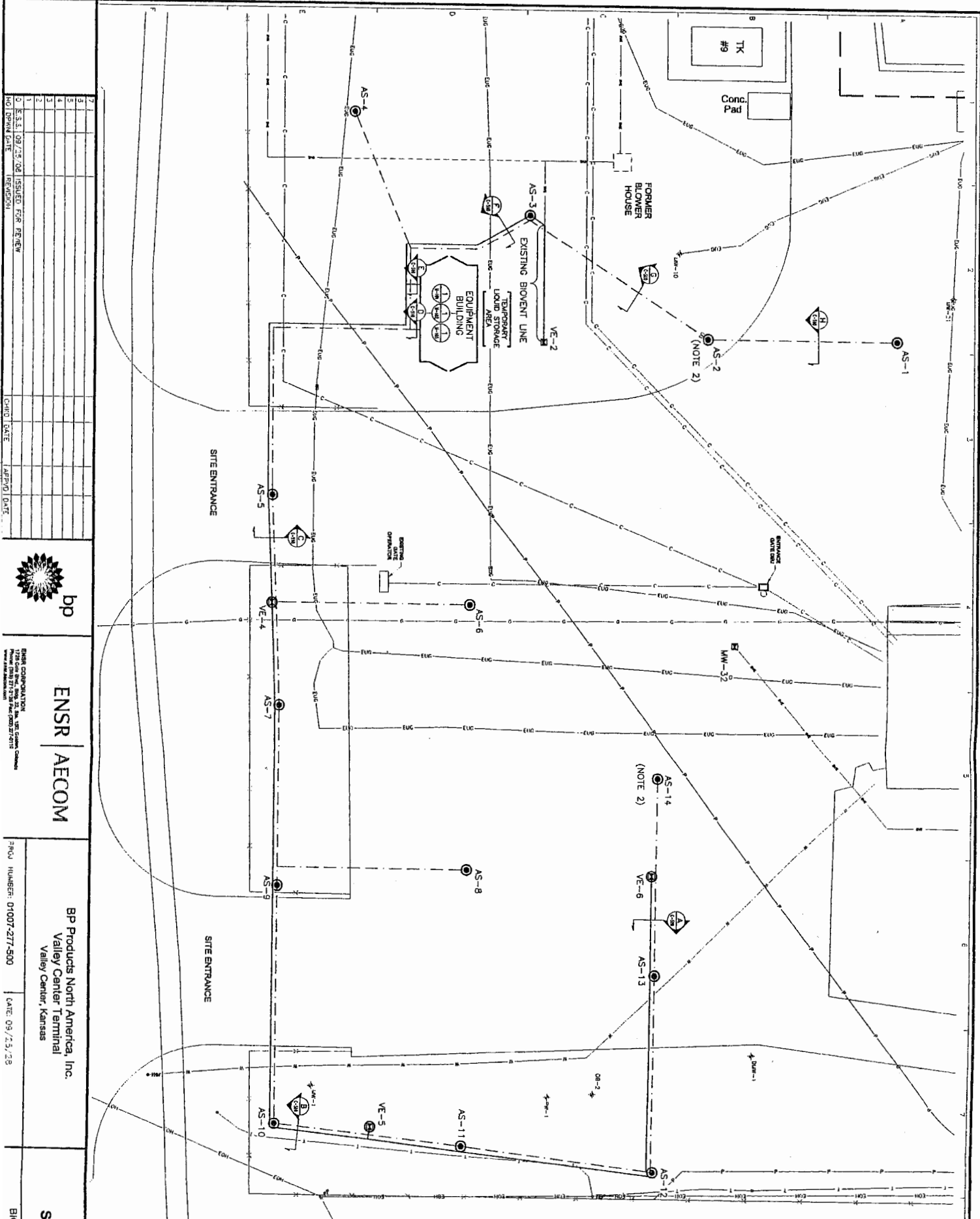


Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Sedgwick		Fraction 1/4 SW 1/4 SW 1/4 NW 1/4	Section Number 6	Township No. T 26 S	Range Number R 1 E						
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐ 1120 South Meridian Ave, Valley Center, KS			Global Positioning System (GPS) information: Latitude: 37.817917 (in decimal degrees) Longitude: 97.37148 (in decimal degrees) Elevation: unknown Datum: ☒ WGS 84, ☐ NAD 83, ☐ NAD 27 Collection Method: ☒ GPS unit (Make/Model: Garmin Geko 201) ☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☒ 5-15 m, ☐ >15 m								
2 WATER WELL OWNER: BP Amoco RR#, Street Address, Box #: Box 15748 City, State, ZIP Code : Shawnee Mission, KS 66285											
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W X E S -----1 mile-----		4 DEPTH OF COMPLETED WELL 39.5 ft. Depth(s) Groundwater Encountered (1) 14.5 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL unknown 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 Bore Hole Diameter 7.25 in. to 39.5 ft., and in. to ft. WELL WATER TO BE USED AS: ☐ Public water supply ☐ Geothermal ☐ Injection well ☐ Domestic ☐ Feedlot ☐ Oil field water supply ☐ Dewatering ☒ Other (Specify below) ☐ Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☐ Monitoring well air sparge point Was a chemical/bacteriological sample submitted to Department? ☐ Yes ☒ No If yes, mo/day/yr sample was submitted. Water well disinfected? ☐ Yes ☒ No									
5 TYPE OF CASING USED: ☒ Steel ☐ PVC ☐ Other CASING JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☒ Threaded Casing diameter 1 in. to 37 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 0 in., Weight 1.679 lbs./ft., Wall thickness or gauge No. 0.133"/Sch 40 TYPE OF SCREEN OR PERFORATION MATERIAL: ☐ Steel ☒ Stainless Steel ☐ PVC ☐ Other (Specify) ☐ Brass ☐ Galvanized Steel ☐ None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: ☐ Continuous slot ☐ Mill slot ☐ Gauze wrapped ☐ Torch cut ☐ Drilled holes ☐ None (open hole) ☐ Louvered shutter ☐ Key punched ☒ Wire wrapped ☐ Saw cut ☐ Other (specify) SCREEN-PERFORATED INTERVALS: From 37 ft. to 39.5 ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 35 ft. to 39.5 ft., From ft. to ft. From ft. to ft., From ft. to ft.											
6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other Grout Intervals: From 4 ft. to 35 ft., From ft. to ft., From ft. to ft. What is the nearest source of possible contamination: ☐ Septic tank ☐ Lateral lines ☐ Pit privy ☐ Livestock pens ☐ Insecticide storage ☐ Other (specify below) ☐ Sewer lines ☐ Cesspool ☐ Sewage lagoon ☒ Fuel storage ☐ Abandoned water well ☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well Direction from well unknown Distance from well unknown											
FROM		TO		LITHOLOGIC LOG		FROM		TO		LITHO. LOG (cont.) or PLUGGING INTERVALS	
0		6.5		Dark grayish brown silt and clay							
6.5		10		Grayish brown clay							
10		39.5		Sand							
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo/day/year) 6/16/09 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 616 This Water Well Record was completed on (mo/day/year) 8/17/09 under the business name of Thiele Geotech, Inc. by (signature) [Signature]											
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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 copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html .											



LEGEND

- VE-2 B EXISTING BIOVENT WELL
- EXISTING BIOVENT CONVEYANCE LINE
- MW-2 EXISTING MONITORING WELL
- PROPOSED BIOVENT CONVEYANCE LINE
- PROPOSED BIOVENT WELL
- PROPOSED BIOSPARGE CONVEYANCE LINE
- PROPOSED BIOSPARGE POINT
- EXISTING UTILITIES
- Buried Gas Line
- Domestic Water Line
- Buried Electric Line
- Overhead Electric Line
- Buried Telephone Line
- Buried or above ground pipeline
- Stormwater
- Buried Conduit

SITE ID	EASTING	NORTHING
BIOSPARGE POINTS		
AS-1	163631.02	173817.60
AS-2	163631.02	173817.60
AS-3	163627.29	173842.77
AS-4	163628.30	173853.28
AS-5	163621.30	173854.16
AS-6	163621.12	173854.39
AS-7	163621.12	173854.39
AS-8	163621.12	173854.39
AS-9	163621.12	173854.39
AS-10	163621.12	173854.39
AS-11	163621.12	173854.39
AS-12	163621.12	173854.39
AS-13	163621.12	173854.39
AS-14	163621.12	173854.39
BIOVENT WELLS		
VE-1	163621.33	173816.53
VE-2	163621.33	173816.53
VE-3	163621.33	173816.53
VE-4	163621.33	173816.53
VE-5	163621.33	173816.53
VE-6	163621.33	173816.53

- NOTES:
1. INFORMATION AND DATA SHOWN OR INDICATED ON THIS DRAWING WITH RESPECT TO EXISTING UTILITIES AND FACILITIES SHOULD NOT BE CONSIDERED ACCURATE REPRESENTATIONS OF ACTUAL SITE CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL LOCATIONS, CAP AND ENCASE SPARE LINES IN WELL BOX.
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