WATER WELL RECORD	Form WWC-5	Division of Water Resources App. No.
1 LOCATION OF WATER WELL:	Fraction	Section Number Township No. Range Number
County: Doniphan	SW 1/4 SE 1/4 NW 1/4 SW 1/4	T 3 S R 22 VE W
Street/Rural Address of Well Location; i from nearest town or intersection: If at o	t unknown, distance & direction where's address, check here	Global Positioning System (GPS) information: Latitude: N39.75891 (in decimal degrees)
Fastgas N Snax		Longitude: W94.94253 (in decimal degrees)
East Highway 36, Wathena, KS 66090		Elevation:
2 WATER WELL OWNER: St. Joe Petroleum Co.		Callastina Mothods
RR#, Street Address, Box #: PO Box 3067		GPS unit (Make/Model: Garmin Nuvi 760
City, State, ZIP Code : St. Jose	ph. MO 64503	☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey Est. Accuracy: ☑ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m
3 LOCATE WELL		
TEPTH AND GENERAL A PERTHADE	COMPLETED WELL 20	ft.
SECTION BOX: N Depth(s) Groundwater Encountered (1).12		
Pump test data: Well water was N/A ft. after .WA hours pumping .J.V.A gpm		
EST VIELD N	/A grom Well water was N/A.	ft, after N/A hours pumping N/A gpm
w I E Bore Hole Diam	eter 8.25 in. to .20	ft., and N/A in. to N/A ft.
X Domestic Defected Doil field water supply Dewatering Other (Specify below)		
Irrigation Industrial Domestic-lawn & garden Monitoring well MWV-8		
Was a chemical/bacteriological sample submitted to Department? Yes V No		
S If yes, mo/day/yr sample was submitted.N/A		
5 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded		
Cosing dismeter 2 in to 10 ft Diameter N/A in to N/Aft. Diameter		
Casing height above land surface. U		
TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel PVC Other (Specify)		
☐ Steel ☐ Stainless Steel ☑ PVC ☐ Other (Specify)		
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)		
GODEFN DEDECOR ATED INTERVALS. From 10 ft to 20 ft From NA		
GRAVEL PACK INTERVALS: From 8 ft. to .20 ft., From .N/A ft. to .N/A ft. ft. From .N/A ft. to .N/A ft. ft. or .N/A ft.		
GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete from 0 to 2-feet Grout Intervals: From 2		
Grout Intervals: From 2 ft. to 8 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.		
What is the nearest source of possible contamination.		
Sewer lines		
Watertight sewer lines Seepage	nit	storage Oil well/gas well
Direction from well Northeast SE		re from well feet
FROM TO LITHOLOG	JRC LOG T KOM	
The state of the s	nst clay damp	
3.5 3.5 Yellowish kn	Endy Sty damp	
	Just class gard	
	Edgei will Bank	
125 20,0 Gray high phostici	Ay clay mosst	
The state of the s		
CONTRACTODIC OD LANDOWNE	P'S CERTIFICATION. This w	ater well was 🗸 constructed. \square reconstructed, or \square plugged
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was \(\begin{align*} \text{constructed,} \sqrt{reconstructed,} r		
Kansas Water Well Contractor's License No. 199 This Water Well Record was completed on (mo/day/year)		
under the business name of RAZEK Environmental, LLC by (signature)		
1 (1) 11 The transfer of Health and Languagement Rureau of Waler (1991) Waler (199		
Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Vi sit us at http://www.kdheks.gov/waterwell/index.html.		
KSA 82a-1212 Check: White Copy, Blue Copy, Pink Copy		

Bureau of Water Geology Section 1000 SW Jackson St, Ste 420 Topeka, KS 66612-1367



Phone: 785-296-3565 Fax: 785-296-5509 rharper@kdheks.gov www.kdheks.gov/geo

Robert Moser, MD, Secretary

Department of Health & Environment

Sam Brownback, Governor

November 19, 2012

Williams & Company Consulting, Inc. Katie Williams 9237 Ward Parkway Suite 220 Kansas City, MO 64114



Re: Waiver request for flush mount monitoring wells for the Fastgas N Snax, E. Hwy 36, Wathena, Kansas. Located in the SW ¼ of the SE ¼ of the NW ¼ of the SW ¼ of Section 27, Township 3 South, Range 22 East, Doniphan County, Kansas.

Dear Ms. Williams:

In accordance with Kansas Administrative Regulations (K.A.R.) 28-30-9, appealing regulations as stated in Article 30, your request for an exception to K.A.R. 28-30-6(b)(1) & (e) for authorization of 5 monitoring well to be constructed less than 12 inches above the finished ground level, at the above-mentioned site is hereby granted subject to the following stipulations:

- 1. Monitoring wells included in this request will be grouted from a maximum of two feet below ground surface to within one foot above the screened section.
- 2. The wellhead will be encased in an approved water resistant/proof manhole. The manhole will be encased in cement, which is to be domed or sloped to allow drainage away from the manhole, (refer to the attached diagram page 2).
- 3. The casing of the monitoring well will be sealed with an approved watertight lockable monitoring well caps (refer to the attached diagram).
- A copy of this KDHE letter, approving your request for waiver of K.A.R. 28-30-6(b)(1) & (e), will be sent to KDHE attached to the water well record (WWC-5 Form) of the first well drilled under the granted waiver.

If you have any questions, please do not hesitate in giving us a call.

Sincerely,



Tim Sloan, L.S.
SMH CONSULTANTS