CORRECTION(S) TO WATER WELL RECORD (WWC-5)

(to rectify lacking or incorrect information)

Location listed as:	Location changed to:
Section-Township-Range: 22-27 N-50 F	22-115-24E
Fraction (1/4 1/4 1/4):	22-115-24 E SW SE SW NE
Other changes: Initial statements:	
Changed to:	
Comments:	
verification method: Latitude & longitude, K	GS" LEO" CONVERSION tool
wellsite address & city street aerial photos on KGS website	map, and mapping tool \$
aerial photos on KGS website	initials: DR date: 5/9/2011
submitted by: Kansas Geological Survey, Data Resources Library, 1930 Co	

to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

WATER WELL REC	CORD	Form WWC-5	Divisio	n of Water	r Resources; App. No.	MW-4
1 LOCATION OF WA	TER WELL:	Fraction	Section N		Township Number	Range Number
County: Wyand	O TC	NE 145E 14 NE	1/4 22		TZINS	R SO DW
Distance and direction	from nearest town or c	ity street address of well	if Global Pos	sitioning マラ	Systems (decimal deg	rees, min. of 4 digits)
10 cated within city?	615.66 To	Frace Kansas (12)	ks Lantide:		43 50.81	
2 WATER WELL OW	NER: Barton Sol	years, Inc.	Elevation		13) 0, 0 {	
2 WATER WELL OW RR#, St. Address, Box	# :9015.667	A Terrace	Datum:	1		
City, State, ZIP Code	4 DEPTH OF COM	y, KS BULL.	Data Col	lection N	Method:	
3 LOCATE WELL'S	4 DEPTH OF COM	PLETED WELL	0.0			
LOCATION	D 4() C 1 (F . 1 (1)		(2)	C (2)	C
WITH AN "X" IN SECTION BOX:	Depth(s) Groundwater	r Encountered (1) ATER LEVEL 35.85	II. Halow land	(2) d gurfaca	It. (3)	It.
N N	Pump test dat	a: Well water was	ft. octow tand	u surracc	hours pumping	gpm
		n: Well water was				
NW NE		BE USED AS: 5 Public				
W E	1 Domestic 3 Fee	edlot 6 Oil field w	ater supply	9 Dew	ratering 12 Ot	her (Specify below)
	2 Irrigation 4 Inc	dustrial 7 Domestic (iawn & garden) (Mon	itoring well	
SW SE	Was a chemical/bacte	riological sample submitt	ted to Department	t? Yes.	No;	If yes, mo/day/yrs
	Sample was submitted	l	Water well disir	nfected?	Yes No	
S					ŕ	
5 TYPE OF CASING U				CASINO	JOINTS: Glued	-
1 Steel 3 RMP	(SR) 6 Asbestos	-Cement 9 Other (s	pecify below)		Welded.	5
2 PV 4 ABS	7 Fiberglas	ft Diameter	in to		Diameter Threaded	in to ft
Casing height above land	surface Flush	in. Weight	lbs./ft.	1t., Wall thic	kness or guage No.	52h, 40
TYPE OF SCREEN OR P	ERFORATION MATI	ERIAL:			<i>8</i>	
	nless Steel 5 Fibe		9 ABS		11 Other (Specify)	
			10 Asbestos-C	ement	12 None used (open	hole)
SCREEN OR PERFORAT	3 Mill slot 5 (ь: Gauzed wrapped - 7 Tore	ch cut 9 Drille	ed holes	11 None (open h	ole)
2 Louvered shutter	4 Key punched 6 V	Vire wrapped 8 Saw	cut 10 Other	r (specify	')	
2 Louvered shutter SCREEN-PERFORATED	INTERVALS: From.		46 ft.,	From	ft. to	ft.
CDAVEL BACK	From.	ft. to	ft.,	From	ft. to	ft.
GRAVEL PACK		ft. to ft. to				
			·····,			
6 GROUT MATERIAL	: 1 Neat cement 2	Cement grout Bento	nite 4 Other			
Grout Intervals: From What is the nearest source		2. ft., From	ft. to	ft	, From	ft. toft.
1 Septic tank	4 Lateral lines		Livestock pens	13 Ins	ecticide storage (16 Other (specify
2 Sewer lines	5 Cess pool		Fuel storage		pandoned water well well/gas well	
3 Watertight sewer l		•	Fertilizer storage	15 011		
Direction from well?			w many feet?			nks
FROM TO	LITHOLOGIC	C LOG	FROM TO		PLUGGING INT	ERVALS
Se	e Boring Lo	5				
	<u></u>					
				<u> </u>		
				<u> </u>		
7 CONTRACTOR'S OR	LANDOWNER'S C	ERTIFICATION: This	water well was	1) onstr	ucted, (2) reconstruct	ed, or (3) plugged
under my jurisdiction and Kansas Water Well Contra	was completed on (mo	day/year) . This Water W	and this record	i is true t	on the best of my know	viedge and belief.
under the business name o	of PSAF was -	nis water w	ell Record was co by (signatur		on (no/day/year)	
INSTRUCTIONS: Use typewr	iter or ball point pen. PLE	ASE PRESS FIRMLY and PRI	VT clearly. Please fil	ll in blanks		
three copies to Kansas Departme 785-296-5522. Send one to		ent, Bureau of Water, Geology NER and retain one for				
http://www.kdheks.gov/waterwel		TEX and retain one for	your records. Fee	- OI 35.(oo ioi cacii <u>constructe</u>	u wen. visit us at

					Boring No	· · · · · · ·		Drilling Me	ethod:	
ェデュ ン			_		Boring No.			Drilling Method: Hydraulic Push		
KAQ	FN		_		Contracto			Drill R		
ואראו	—' 1 Л		⊸		PS/	Environm	ental	GeoProb		
•					Drill Crew	<i>r</i> .				
					Aaron Bu	tler, Kenny	Doane, R	Robert Tieman		
Project Name and Lo	ocation:				Date Star			Date Finished:		
Barton Solvents, Inc						9/15/2010		9/15/2010		
901 S. 66th Terrace					Logged b	V :		Protective	·····	
Kansas City, Kansa						Roy King	****	N/A		
Well Construction In					l	rtoy rung		T. C.		
Casing Diameter (in)		-	2	Well Depth (ft):	Г	40		Water level while drilling (ft):	35.91	
Screened interval (ft			- 40	Well Screen:	Sch	hedule 40	PVC	Water level at completion (ft):	35.85	
Filter pack interval (f			- 40	Well Riser:		hedule 40		Boring Depth (ft):	40	
Seal interval (ft):			28	Seal type:		Bentonite		Slotted Screen Size:	0.01	
Grout Interval (ft):			- 3	Filter pack:	20/	40 Silica S		Sampling Method:	5' Acetate Liner Tube	
Well Completion		Sample	USCS	Headspace		T	T T	Visual		
Backfill Casing	Depth	Interval	Symbol	(ppm)	Recovery	Lithology		Description		
	Surface									
	1		ML				Pre_Drill ~	rotocol, hand auger to five feet. Cut	tinne indicate ei#	
			IVIL				ric-Dim p	TOLOCOL, Hand adger to live leet. Cut	urigs indicate siit.	
	2						1			
	3						1			
888 888	4				l					
888 188	5		-							
888 888	6		ML	0.0	†					
1881 1888 I	<u> </u>		IVIL		}			ım brown, loose, coarsely laminated		
1881 1888	1			0.0			feet and s	aturated at 14.5 feet with a thin parti	ng or arange oxidation.	
1888 BESS	8			0.0	62%					
888 188	9			0.0						
888 188 I	10			0.0						
	11			0.0						
1881 1881				l						
1881 1886	12			0.0			1			
388 BBS	13			0.0	63%		1			
888 888	14			0.0						
888 1888	15		sw	0.0		*******	Sand links	, light brown, very weakly cemented, well sorted, fine, subangular,		
222 222	16			0.0					soited, lille, subaligular,	
1828 1888	17			0.0			damp. Two silty partings at 18 and 19 feet.			
288 188	1			1						
888 888 I	18		sw	0.0	52%					
888 888	19			0.0						
1881 1882	20			0.0	L					
888 888	21		ML	0.0	1		Silt, dank d	rayish borwn, soft to firm, wet.		
888 88 8	22			0.0	1		•	• •		
988 988	23			0.0	83%					
	•				0.576		.			
188 188	24		SW	0.0			Sand, as above, slightly more orange, dry.			
	25			0.0						
888 888	26			0.0						
388 188	27			0.0						
1888 1888 I	28			0.0	60%					
				1	~~~		1			
	29			0.0						
_	30			0.0						
	31		SP	0.0				t brown, uncemented, poorly sorted,		
	32			0.0	1			nded to angular with trace of angular		
	33			0.0	53%		1	_	- *	
	34			0.0	1		1			
	35			1						
				0.0		.				
	36		SW	0.0			Sand, as a	above, but well sorted, coarse grain,	saturated at 36 feet with	
				0.0			moderate			
	37				4	Proceedings (Co.)	1			
	37 38			0.0	47%					
	38			1	47%					
	1			0.0 0.0 0.0	47%					

٠, ٠,