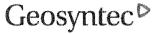
$M_{i}$	Ų	6	ઝ
٠ ٣			

WATER WELL RECORD	Form W	WC-5	Division of Water	r Resources App. No	,
1 LOCATION OF WATER WELL: County:	Fraction SW1/4SW1/4SW	11/4 1/4	Section Number	Township No. T <b>26</b> S	Range Number R Z G
Street/Rural Address of Well Location; i	f unknown, distance &	direction	Global Positioning	System (GPS) inf	formation:
from nearest town or intersection: If at o	wner's address, check	here .			(in decimal degrees)
			Elevation:		(in decimal degrees)
			Datum: WGS 84		
2 WATER WELL OWNER: KOCK	I WITEDGEN		Collection Method:		
RR#, Street Address, Box #: //555	HUN SU		GPS unit (Mak	e/Model:	)
City, State, ZIP Code :	E CITY, KE 6"	1801	☐ Digital Map/Ph Est. Accuracy: ☐ <	oto, Topographic	Map, Land Survey
3 LOCATE WELL	***************************************			<u> эт, [ ] э-эт, [ ] .</u>	3-13 III, /13 III
WITH AN "X" IN 4 DEPTH OF C	COMPLETED WEL	L	' ft.		
SECTION BOX: Depth(s) Ground	water Encountered	(1) <b>!.Q.B</b>	ft. (2)		
N WELL'S STATI	C WATER LEVEL	ft.	below land surface r	neasured on mo/da	ıy/yr
Pump FST VIELD	test data: Well wate	r was	n. aner	hours pump	ing gpm
W - NW - NE - E Bore Hole Diame	gpm. Well wate	/10 f	and in	to 1	лид gpm Э
	TO BE USED AS:				njection well
Domestic	☐ Feedlot ☐	Oil field wate	r supply 🔲 De	watering O	ther (Specify below)
│	☐ Industrial ☐	Domestic-lav	n & garden Mo	nitoring well	
was a chemical/	bacteriological sample			Yes  No	
	day/yr sample was sub fected? 🏻 Yes 🗀		***************		
water wen dism.					
5 TYPE OF CASING USED: Steel CASING JOINTS: Glued Clam				****	
Casing diameter a in. to	iped ∐ Weided \$ ft Diameter	I nreaded	o ft D	iomatar	in to G
Casing height above land surface	in Weight	0.682	lbs./ft Wall thic	kness or gauge No	SH 40
TYPE OF SCREEN OR PERFORATION	MATERIAL:			initial or budge 110	
Steel Stainless Steel	₽₽VC		Other (Specify)		,,
Brass Galvanized Steel		ole)			
SCREEN OR PERFORATION OPENING Continuous slot Mill slot	S ARE: Gauze wrapped	Torch cut	☐ Drilled holes	☐ None (open hole	<b>)</b>
Louvered shutter Key punched SCREEN-PERFORATED INTERVALS:	Wire wrapped	Saw cut	Other (specify)		<i>,</i> ,,,,,,,,,
SCREEN-PERFORATED INTERVALS:	From	ft. to	ft., From	ft. to	o ft.
GRAVEL PACK INTERVALS:	From	ft. to	ft., From	ft. t	o ft.
GRAVEL PACK INTERVALS:	From	ft. to	tt., From	It. t	0 ft. 0
6 GROUT MATERIAL: Neat ceme	nt Cement grout	☐ Bentor	ite Other	11. 0	U II.
Grout Intervals: From	ft., From		t. to ft	From	ft. toft.
What is the nearest source of possible conta	mination:		,		
Septic tank	es Pit privy	Livestock p			er (specify below)
Sewer lines Cesspool Watertight sewer lines Seepage p	Sewage lagoon	Fuel storage Fertilizer st			- seem see 1 mlower
Direction from well	C PLANT	Distance:			All The Control of th
FROM TO LITHOLOG	· <del>····································</del>	FROM			GGING INTERVALS
0 4 Topsoil		1/3	119 Shale		
4 27 clay		119	125 Sand		
27 35 Caliche	<del>, , , , , , , , , , , , , , , , , , , </del>				
	E caliche	ļ			
	& some callch	<b></b>			
80 86 Caliche '86 95 Sand .		<b></b>		***************************************	
95 105 Silty sand					
105 109 Sand					
109 113 Silty saud w	lolay				
□ 7 CONTRACTOR'S OR'LANDOWNER	'S CERTIFICATIO	N: This wate	r well was 🗷 constru	icted, 🗌 reconstru	cted, or plugged
under my jurisdiction and was completed or	(mo/day/year) 05/A	%./ an	d this record is true t	o the best of my kr	nowledge and belief.
Kansas Water Well Contractor's License No	)	Vater Well Ro	cord was completed	on (mo/day/year)	1144.4.4.1.1
under the business name of CAMOU P. INSTRUCTIONS: Use typewriter or ball point pen.	PLEASE PRESS FIRMIN	and PRINT cla	. by (Signature)	and sheek the sorrest	anguere Cand three ac-i-
(white, blue, pink) to Kansas Department of Health:	and Environment, Bureau	of Water, Geolo	gy Section, 1000 SW Jac	kson St. Suite 420 T	oneka Kansas 66612-1367
Telephone 785-296-5522. Send one copy to WATI http://www.kdheks.gov/waterwell/index.html.	ER WELL OWNER and I	etain one for y-	our records. Include fee	of \$5.00 for each co	nstructed well. Visit us a
KSA 82a-1212			Check: Wh	ite Copy, Blu	e Copy, Pink Cop



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## Borehole No. MW-03

Page 1 of 2

Borehole Log

6 inch

Project No.:

TXR0118

Location:

Dodge City, KS

Client:

Koch Nitrogen Company

Coordinates:

Not Yet Surveyed

Logged By:

Well Material:

Alex Rivera

**Borehole Diameter:** 

Drilling Company: Major Drilling

Site Datum:

Ground Surface Elevation: Not Yet Surveyed

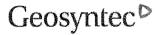
Drilling Method: Rotosonic

Not Applicable

**Top PVC Casing Elevation:** Completion Date:

22 May 2011

AAGII	Mate	iiai.	Not Applicable Completion Date: 22 May 2011					2011		
				Geologic Samples					Wel	
Depth (ft)	Water Level (ft)	Stratigraphy	Lithologic Description	Unified Soil Classification	Recovery (%)	Blowcount	PID (ppmv)	Soil Sample ID	ratio	
-			Topsoil, brown, moist							Grout (0-100 ft bgs)
10			Clay, brown, moist, stiff, medium plasticity  15% caliche		100					
20			Caliche clay, 50% caliche, 50% clay 10% caliche, some fine sands	CL	75					
30			Caliche, white, 20% brown clays, some fine sands, dry, firm  Trace clays, few sands  Clay with sand, 10% caliche, medium brown, moist,	CI						
45 40 55 55 55 55 55 55 55 55 55 55 55 55 55			Clay, 30% caliche, pale brown, moist, soft, medium prown, moist, medium plasticity, soft, trace silts  Caliche, some fine sands, white, moist, firm	CL			Carlos I			
45   1   50   50   55   1   1   1   1   1   1   1   1			plasticity Poorly graded sand with silt and clay, medium brown, moist, 10% caliche Clay with sand, 30% fine sands, medium brown, moist, low plasticity Poorly graded sand with clay, 30% fine sands, red-	SP SM CL SP	100		Annahir various			
55 55			brown, moist, trace silts  Caliche and clay, 50% caliche, 50% clay, pale brown,	SC CL SP			1			
USERSM			\text{\moist} \text{Poorly graded sand with clay, } 30\% fine sands, 5\% \text{\caliche, red-brown, moist, trace silts}	SC	-					-Moderate rig
			Caliche and clay, 50% caliche, 50% clay, pale brown, moist  Poorly graded sand with clay, 20% fine sands, 5%	CL						chatter 55-65 ft
(96 <b>65</b>			caliche, red-brown, moist to dry	SP SC	100	min de male (Marie Constante)				
48 40 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			Caliche, some fine sands, white, moist, firm, trace pale brown clays							
Report MASTER (TR0196);			Poorly graded sand, red-brown, moist to dry, fine sands  Caliche, some fine sands, white, moist, firm, trace pale brown clavs	SP						



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## Borehole No. MW-03

Page 2 of 2

Borehole Log

6 inch

Project No.:

TXR0118

Location:

Dodge City, KS

Client:

Koch Nitrogen Company

Coordinates:

Not Yet Surveyed

Logged By:

Alex Rivera

**Borehole Diameter:** Site Datum:

Drilling Company: Major Drilling

Ground Surface Elevation: Not Yet Surveyed

Drilling Method: Rotosonic

**Top PVC Casing Elevation:** 

   Well I	Mate	rial:	Not Applicable Complet		_		22 May 2	2011		
		1	The state of the s	Geologic Samples				Well	Comments	
Depth (ft)	Water Level (ft)	Stratigraphy	Lithologic Description	Unified Soil Classification	Recovery (%)	Blowcount	PID (ppmv)	Soil Sample ID	Configu- ration	,
80  - - - - - - - - - - - - - - - - - -			Clay with sand, 30% very fine sands, pale brown, moist, low plasticity, stiff  Caliche, white, dry, hard, 30% pale brown clays  Poorly graded sand, 30% clays, trace silts, medium brown, moist to dry, very fine sands, slightly cementitious	CL	100					-Intermittent chatter from 80-95 ft bgs
90	1		Silty sand, brown, moist, trace clays  Wet  Poorly graded sand, 20% silts, brown, saturated, very	SM	- 100					■ Bentonite pellet seal \Hard drilling at 102 and 112 ft
1105			fine sands  Silty sand, brown, wet, very fine sands  Silt with clay, brown, moist  Clay, pale brown, moist to dry, trace caliche  Shale and clay, light gray, moist to dry, firm, unconsolidated  Orange to light gray, some clays	SP SM ML CL						bgs 5-ft well screen from 105-110 ft bgs; silica sand filter pack
110	-{		Light gray, dry, hard, consolidated  Red, dry, firm  Light gray, dry, hard, consolidated  Orange to pale yellow, weathered, moist  Sandstone, red, saturated  Borehole depth 125.0 ft		100	11.0				- Significant chatter from 121-123 ft bgs
135										