

MW-16

1 LOCATION OF WATER WELL: Fraction $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section Number 4 Township Number T 14 S Range Number R 18 EW

Distance and direction from nearest town or city street address of well if located within city?

2 WATER WELL OWNER: Kerr-McGee
 RR#, St. Address, Box # : 401 E. 8th Street
 City, State, ZIP Code : Hays KS
 Board of Agriculture, Division of Water Resources
 Application Number:

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

N			
	X		
W			E
			S

DEPTH OF COMPLETED WELL 25 ft. ELEVATION: 20 ft.

Depth(s) Groundwater Encountered 1 20 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:

5 Public water supply	8 Air conditioning	11 Injection well
1 Domestic	3 Feedlot	6 Oil field water supply
2 Irrigation	4 Industrial	7 Domestic (lawn & garden)
		9 Dewatering
		12 Other (Specify below)

10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted

Water Well Disinfected? Yes No MIA

5 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued Clamped
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded
		7 Fiberglass		Threaded

Blank casing diameter in. to ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface in., weight lbs./ft. Wall thickness or guage No. Sch. 40

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless Steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-Cement
2 Brass	4 Galvanized Steel	6 Concrete tile	9 ABS	11 Other (Specify)
				12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot	3 Mill slot	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
2 Louvered shutter	4 Key punched	6 Wire wrapped	9 Drilled holes	
		7 Torch cut	10 Other (specify)	ft.

SCREEN-PERFORATED INTERVALS: From 15 ft. to 25 ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 13 ft. to 25 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout intervals: From 1 ft. to 13 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:

1 Septic tank	4 Lateral lines	7 Pit privy	10 Livestock pens	14 Abandoned water well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage	15 Oil well/Gas well
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage	16 Other (specify below)
			13 Insecticide storage	

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
See attached					

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) 6-15-05 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 259 This Water Well Record was completed on (mo/day/yr) 7-2-05 under the business name of RAZEK Environmental, LLC by (signature) [Signature]

Drilling Log

Project Name <i>Hays KMc</i>		Project Number <i>32764</i>		Boring Number <i>MW-16</i>	
Ground Elevation		Location <i>Hays, KS</i>		Page <i>1</i>	
Air Monitoring Equipment <i>PIA + LEL/O₂</i>				Total Footage	
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. of Samples	No. of Core Boxes
<i>HSA/DP</i>	<i>8"</i>				
Drilling Company <i>Rozek</i>			Driller(s) <i>Tony Po-Itz</i>		
Drilling Rig <i>CG 20 DT Geo Probe</i>			Type of Sampler <i>Macro core with Hecht sleeve</i>		
Date <i>6/25/05</i>		To		Field Observer(s) <i>NATHAN KRUEGER</i>	

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
1	<i>Asphalt</i> <i>Clay, brown HUEN. 5YR 4/2</i> <i>med plastic, med consistency, moist</i>									
2										
3				<i>5.0</i> <i>5.0</i>						
4										
5					<i>1235</i>					
6										
7										
8				<i>5.0</i> <i>5.0</i>						
9	<i>trace gravel</i>									
10					<i>1230</i>					
11										
12										
13										
14										

Drilling Log Continuation

						Boring Number <i>MW-16</i>					
Project Name <i>Hays KML</i>						Page <i>2</i>					
Project Number <i>32764</i>						Date <i>6/5/05</i>					
Depth (feet)	Description	Class	Blow Count	Recov.	Run/ Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels	
							BZ	BH	S		
15	<i>clay, brown Hue 7.5YR 4/2 med plasticity, med consistency moist & trace gravel</i>				<i>1242</i>				<i>0</i>		
16									<i>0</i>		
17				<i>5.0</i>						<i>0</i>	
18				<i>5.0</i>						<i>0</i>	
19	<i>silty clay, Brown Hue 7.5YR 8/2 med consistency, trace plasticity, moist JET</i>				<i>1250</i>	<i>SS-1</i>			<i>4</i>		
20											
21											
22											
23											
24											
25					<i>Do.</i>						