WATER WELL R		orm WWC-			sion of Wate	I	MW 3	
Original Record		Change in Well			urces App. N		Well ID	
1 LOCATION OF W	ATER WELL:	Fraction	n W ¼ NW ¼	NILL Sect	ion Numbe			
County: Harper						T 33 S	R 5 □ E X W	
2 WELL OWNER: Last Name: First: Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here:								
Address: One Williams Center Mile Post 62.5 (N 90th Ave. and N 10th Road) near Freeport, K								
Address:								
City: Tulsa	State	: OK ZIP: 74	4172					
3 LOCATE WELL	4 DEPTH OF	COMPLETE	D WELL: .		5 Latitu	ide: 37. 1650	(decimal degrees)	
WITH "X" IN	Depth(s) Ground	lwater Encounter	red: 1)2	0 ft.	Longi	tude - 97. 874	(decimal degrees)	
SECTION BOX:	2)	. ft. 3) .	ft., or 4)] Dry Well	Horizo	5 Latitude: 37. 1650 (decimal degrees) Longitude: 97. 87465 (decimal degrees) Horizontal Datum: ▼WGS 84 □ NAD 83 □ NAD 27		
	WELL'S STATI				Source	Source for Latitude/Longitude:		
		below land surface, measured on (mo-day-yr)				GPS (unit make/model: Garmin etrek)		
NW NE		above land surface, measured on (mo-day-yr)				(WAAS enabled? Yes No)		
W E	after hours pumping					☐ Land Survey ☐ Topographic Map ☐ Online Mapper:		
		Well water was ft.				Comme raupper		
SW SE	after	after hours pumpinggpm				. 1300		
	Estimated Yield:gpm				6 Eleva	6 Elevation: 1300		
S	Bore Hole Diameter:8.5 in. to25 ft. and in. toft.				Source	Other KOLAR		
mile	DE HOED AC	11	n. to	π.		Other /Aw.W.K.		
7 WELL WATER TO		alia Wataa Caasal	11 ID		10 🗆 0:	1 Ei-14 Weter Courselou	1	
1. Domestic:	5. ☐ Public Water Supply: well ID						lease	
☐ Lawn & Garden						11. Test Hole: well ID		
Livestock	 7. ☐ Aquifer Recharge: well ID				12. Geothermal: how many bores?			
2. Irrigation		9. Environmental Remediation: well ID				a) Closed Loop		
☐ Feedlot						b) Open Loop Surface Discharge Inj. of Water		
4. Industrial			Injection					
Was a chemical/bacteriological sample submitted to KDHE? ☐ Yes ■ No If yes, date sample was submitted:								
Water well disinfected? ☐ Yes ■ No								
8 TYPE OF CASING USED: ☐ Steel ☐ PVC ☐ Other								
Casing diameter 2 in. to 5 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 30 in. Weight lbs./ft. Wall thickness or gauge No. Sch.40								
TYPE OF SCREEN OR PERFORATION MATERIAL:								
Steel Stainless Steel Fiberglass ■ PVC Other (Specify)								
☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)								
SCREEN OR PERFORATION OPENINGS ARE:								
☐ Continuous Slot	Mill Slot	☐ Gauze Wra						
☐ Louvered Shutter ☐ Key Punched ☐ Wire Wrapped ☐ Saw Cut ☐ None (Open Hole)								
SCREEN-PERFORATED INTERVALS: From								
GRAVEL PACK INTERVALS: From								
9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From								
Nearest source of possible contamination:								
Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage								
Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well								
□ Watertight Sewer Lines □ Seepage Pit □ Feedyard □ Fertilizer Storage □ Oil Well/Gas Well								
☐ Other (Specify)								
Direction from well?								
10 FROM TO	LITI	HOLOGIC LOC	<u> </u>	FROM	TO	LITHO. LOG (cont.)	or PLUGGING INTERVALS	
				-				
				Notes:				
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was a constructed, or plugged under my jurisdiction and was completed on (mo-day-year) 2/21/2018 and this record is true to the best of my knowledge and belief.								
under my jurisdiction a	nd was completed	d on (mo-day-y	ear) 2/21/20	JJB and	this record	is true to the best of	ny knowledge and belief.	
Kansas Water Well Contractor's License No. 710 This Water Well Record was completed on molday-year) 3/1/2018								
under the business name of Below Ground Surface, Inc. Signature Signature Water, GWTS Section, Mail I white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section,								
1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.								
	Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 Revised 7/10/2015							



WSP USA. Inc. 405 East 19th Avenue Suite A2

North Kansas City, MO 64116 TEL: +1 816 421 7766

GEOLOGIC LOG

WELL NO.: MW-3

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OWNER: LOCATION:

DRILLING CO.:

Magellan Ammonia Pipeline, L.P. MP 62.5, Harper County, Kansas

BGS

OBSERVATION METHOD: Cuttings

DRILLING METHOD:

Hollow Stem Auger

OBSERVER:

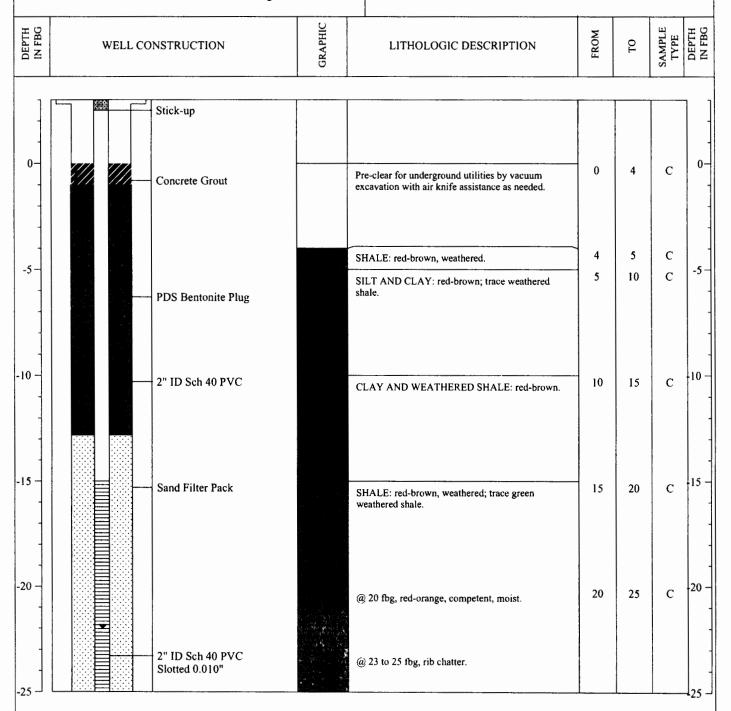
B. Bailey

February 21, 2018

DATE COMPLETED: TOTAL DEPTH OF HOLE:

25 feet below ground surface

22.02 ft bTOC (2-20-18) STATIC WATER LEVEL:



NOTES: ft bTOC = feet below top of casing

ppm = parts per million

C = cuttings

FBG = feet below grade