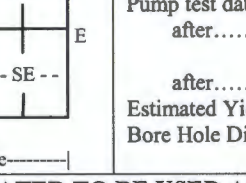


AS3

Well ID

1 LOCATION OF WATER WELL: County: Barton		Fraction $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$	Section Number 28	Township Number T 19 S	Range Number R 13 E W																																																																																										
2 WELL OWNER: Last Name: Business: Great Bend Cooperative Association Address: PO Box 68 City: Great Bend State: KS ZIP: 67530			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: ☐ 2300 10th Street, Great Bend, KS																																																																																												
3 LOCATE WELL WITH "X" IN SECTION BOX: N W E S -----1 mile----- 		4 DEPTH OF COMPLETED WELL: 25 ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) ☐ Dry Well WELL'S STATIC WATER LEVEL: ft. ☐ below land surface, measured on (mo-day-yr)..... ☐ above land surface, measured on (mo-day-yr)..... Pump test data: Well water was ft. after..... hours pumping gpm Well water was ft. after..... hours pumping gpm Estimated Yield: gpm Bore Hole Diameter: 8.25 in. to 25 ft. and in. to ft.		5 Latitude: 38.36209(decimal degrees) Longitude: 9876944(decimal degrees) Horizontal Datum: ☐ WGS 84 ☒ NAD 83 ☐ NAD 27 Source for Latitude/Longitude: ☐ GPS (unit make/model:) (WAAS enabled? ☐ Yes ☐ No) ☒ Land Survey ☐ Topographic Map ☐ Online Mapper:																																																																																											
6 Elevation: 1848ft. ☒ Ground Level ☐ TOC Source: ☐ Land Survey ☐ GPS ☐ Topographic Map ☒ Other Google Earth																																																																																															
7 WELL WATER TO BE USED AS:																																																																																															
1. Domestic: ☐ Household ☐ Lawn & Garden ☐ Livestock ☐ Irrigation 2. Feedlot ☐ Industrial ☐ Public Water Supply: well ID 3. ☐ Air Sparge ☐ Soil Vapor Extraction ☐ Dewatering: how many wells? 4. ☐ Recovery ☐ Injection ☐ Aquifer Recharge: well ID 5. Environmental Remediation: well ID AS3 6. Monitoring: well ID 7. Oil Field Water Supply: lease 8. Test Hole: well ID ☐ Cased ☐ Uncased ☐ Geotechnical 9. Geothermal: how many bores? a) Closed Loop ☐ Horizontal ☐ Vertical b) Open Loop ☐ Surface Discharge ☐ Inj. of Water 10. Other (specify):																																																																																															
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 JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☒ Threaded																																																																																															
Casing diameter 2 in. to 20 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface -0.5 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 Wrapped ☐ Torch Cut ☐ Drilled Holes ☐ Other (Specify) ☐ Louvered Shutter ☐ Key Punched ☐ Wire Wrapped ☐ Saw Cut ☐ None (Open Hole)																																																																																															
SCREEN-PERFORATED INTERVALS: From 20 ft. to 25 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 18 ft. to 25 ft., From ft. to ft., From ft. to ft.																																																																																															
9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other Grout Intervals: From ft. to ft., From ft. to ft., From ft. to ft.																																																																																															
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) Trust Fund site U6-005-14701 Direction from well? On-site Distance from well? 0 ft.																																																																																															
<table border="1" style="width: 100%;"> <thead> <tr> <th>10 FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>1</td> <td>Grass/Topsoil</td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>7</td> <td>Silty Clay, brown, stiff</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>25</td> <td>Sand, fine-med, some silt</td> <td></td> <td></td> <td></td> </tr> <tr> <td>25</td> <td></td> <td>Total Depth</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="6"></td> </tr> <tr> <td colspan="6"></td> </tr> <tr> <td colspan="6"></td> </tr> <tr> <td colspan="6"></td> </tr> <tr> <td colspan="6"></td> </tr> <tr> <td colspan="6"></td> </tr> <tr> <td colspan="6"></td> </tr> <tr> <td colspan="6"></td> </tr> <tr> <td colspan="6"></td> </tr> <tr> <td colspan="6"></td> </tr> </tbody> </table>						10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	1	Grass/Topsoil				1	7	Silty Clay, brown, stiff				7	25	Sand, fine-med, some silt				25		Total Depth																																																															
10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS																																																																																										
0	1	Grass/Topsoil																																																																																													
1	7	Silty Clay, brown, stiff																																																																																													
7	25	Sand, fine-med, some silt																																																																																													
25		Total Depth																																																																																													
Notes:																																																																																															
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo-day-year) 10-17-2017.... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 585..... This Water Well Record was completed on (mo-day-year) 3-16-18..... under the business name of Associated Environmental, Inc..... Signature																																																																																															
Mail 1 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																																																																																															

FULL SITE SURVEY

AMPRIDE

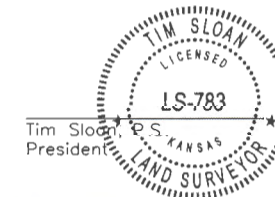
City of Greet Bend, Barton County, Kansas

Point	North Coordinate	East Coordinate	Distance SE Cor. Sec. 28 North	From Sec. 28 West	* Elev. Top of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Cor. Sec. 28-T19S-R13W	2000	2000						
Well - M.W. - 1	20058.34	16035.57	58.34	3964.43	1848.98		38.36197	98.76971
Well - M.W. - 2	20092.90	16153.42	92.90	3846.58	1848.28		38.36206	98.76930
Well - M.W. - 3	20004.28	16152.91	4.28	3847.09	1848.42		38.36182	98.76930
Well - M.W. - 4	20132.27	16211.33	132.27	3788.67	1848.15		38.36217	98.76910
Well - M.W. - 5	20062.44	16210.78	62.44	3789.22	1848.13		38.36918	98.76910
Well - M.W. - 6	19974.37	16211.23	74.37	3788.77	1847.96		38.36174	98.76910
Well - M.W. - 7	19921.30	16155.24	21.30	3844.86	1848.36		38.36159	98.76930
Well - M.W. - 8	19941.59	16124.29	41.59	3875.71	1848.68		38.36165	98.76940
Well - IAS1	20063.07	16084.47	63.07	3815.53	1849.04		38.36198	98.76954
Well - SVE1	20046.22	16072.87	46.22	3927.13	1849.09		38.36193	98.76958
Well - OBS4	20077.51	16071.50	77.51	3928.50	1849.03		38.36202	98.76959
Well - OBS5	20068.92	16077.17	68.92	3922.83	1848.97		38.36200	98.76957
Well - OBS6	20120.21	16068.82	120.21	3931.18	1849.28		38.36214	98.76960
Well - OBS7	20058.69	16137.42	58.69	3862.58	1849.04		38.36197	98.76936
Well - 2" SW1 AS-8	20038.12	16151.85	38.12	3848.15			38.36191	98.76931
Well - 2" SW2 AS-7	20051.18	16143.56	51.18	3856.44			38.36195	98.76934
Well - 2" SW3 AS-6	20064.07	16136.13	64.07	3863.87			38.36198	98.76936
Well - 2" SW4 AS-5	20077.01	16128.25	77.01	3871.75			38.36202	98.76939
Well - 2" SW5 AS-4	20089.97	16120.30	89.97	3879.70			38.36205	98.76942
Well - 2" SW6 AS-3	20102.80	16112.25	102.80	3887.75			38.36209	98.76944
Well - 2" SW7 AS-2	20115.24	16104.76	115.24	3895.24			38.36212	98.76947
Well - 4" SW1	20115.98	16109.82	115.98	3890.18			38.36213	98.76945
Well - 4" SW2	20040.16	16155.58	40.16	3844.42			38.36192	98.76929
Well - 4" SW3	20057.30	16143.27	57.30	3856.73			38.36196	98.76934
Well - 4" SW4	20074.97	16133.15	74.97	3866.85			38.36201	98.76937
Well - 4" SW5	20080.04	16130.17	80.04	3869.17			38.36203	98.76938
Well - 4" SW6	20098.46	16120.26	98.46	3879.74			38.36208	98.76942
Site B.M.	20005.30	16142.46	5.30	3857.54	B.M. Elev. = 1849.03			

Description: * x * cut in south end of diesel pump island.

LEGEND

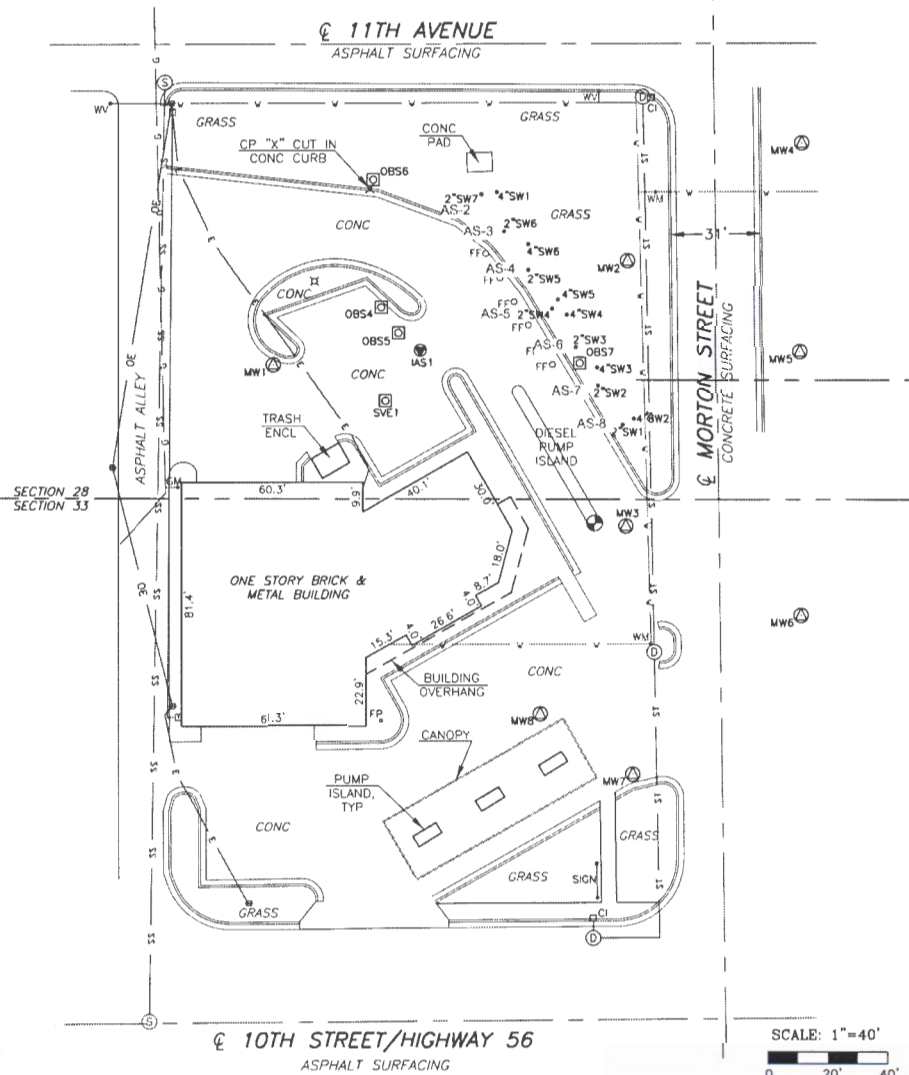
Site Bench Mark	Sanitary Sewer Manhole
Monitoring Well	Storm Sewer Manhole
Air Sparge Well	Curb Inlet
Soil Vapor Extraction Well	Water Meter
Vapor Observation Well	Water Valve
2" Air Sparge Well	Gas Meter
4" Pipe	Power Pole
Fuel Fill Cap	Light Pole
Gas Line	
Underground Telephone Line	
Storm Sewer Line	
Overhead Electric Line	
Underground Electric Line	
Water Line	
Sanitary Sewer Line	
Section Line	



Tim Sloan
President

SMH
CONSULTANTS

2017 Vaneste Place, Suite 110 • Manhattan, Kansas 66503
(785) 776-0541 • FAX 776-9760 • Email: tim@smhconsultants.com
Project #1712MN1365 DD #109



SCALE: 1"=40'
0 20' 40'



28-19-13W

28-19-13S