

WATER WELL RECORD (WWC-5)

KOLAR DOC ID _____ WELL ID _____
 Original Record Correction Change in Well Use

LOCATION OF WATER WELL

Latitude		Longitude		Section		Township		Range		E W	Fraction	¼	¼	¼
Datum		Elevation		County										

WATER WELL OWNER

Name	
Business	
Address	
Well location	
at owner's address	

WELL WATER USE

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COMPLETION

Depth of completed well: _____ ft.
Depth(s) groundwater encountered:
(1) _____ ft.; (2) _____ ft.;
(3) _____ ft.; (4) dry well
Static water level in well: _____ ft.
measured below land surface
on (mm/dd/yy): _____
measured above land surface
on (mm/dd/yy): _____
Estimated yield: _____ gpm
Water level was: _____ ft. after _____ hours
pumping _____ gpm
Pump installed? Yes No
Water well disinfected? Yes No
Date disinfected (mm/dd/yy): _____
Aquifer, if known:

NEAREST SOURCE OF POTENTIAL CONTAMINATION

Source: _____
Distance from well: _____ Direction from well: _____
Source description: _____
Source: _____
Distance from well: _____ Direction from well: _____
Source description: _____
No potential source of contamination within 100 feet.

CONSTRUCTION

Borehole interval:	Borehole diameter:
from _____ to _____ ft.	_____ in.
from _____ to _____ ft.	_____ in.
Casing height above land surface: _____ in.	
If casing height is less than 12 in. has a variance been approved?*	
Yes No	
*variance not required for monitoring or environmental remediation wells	
Casing type: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Screen / perforation material: _____	
Screen / perforation openings: _____	
Screen / perforation intervals:	
From _____ ft. to _____ ft.	
Slot size _____ unit _____	
From _____ ft. to _____ ft.	
Slot size _____ unit _____	
Gravel pack intervals:	
Gravel pack not used: Gravel size _____ in	
From _____ ft. to _____ ft.	
Gravel pack not used: Gravel size _____ in	
From _____ ft. to _____ ft.	

PERMIT & ID NUMBERS (AS REQUIRED)

DWR Application No.: _____
KDHE / EPA Project Code: _____
Site Name: _____
KDHE UIC Class V Form Completed: Yes No
County Permit: Yes No Permit ID: _____
Lease Name & Well #: _____
of boreholes: _____ # of dewatering wells: _____

LITHOLOGIC LOG

FROM	TO	LITHOLOGY INTERVALS

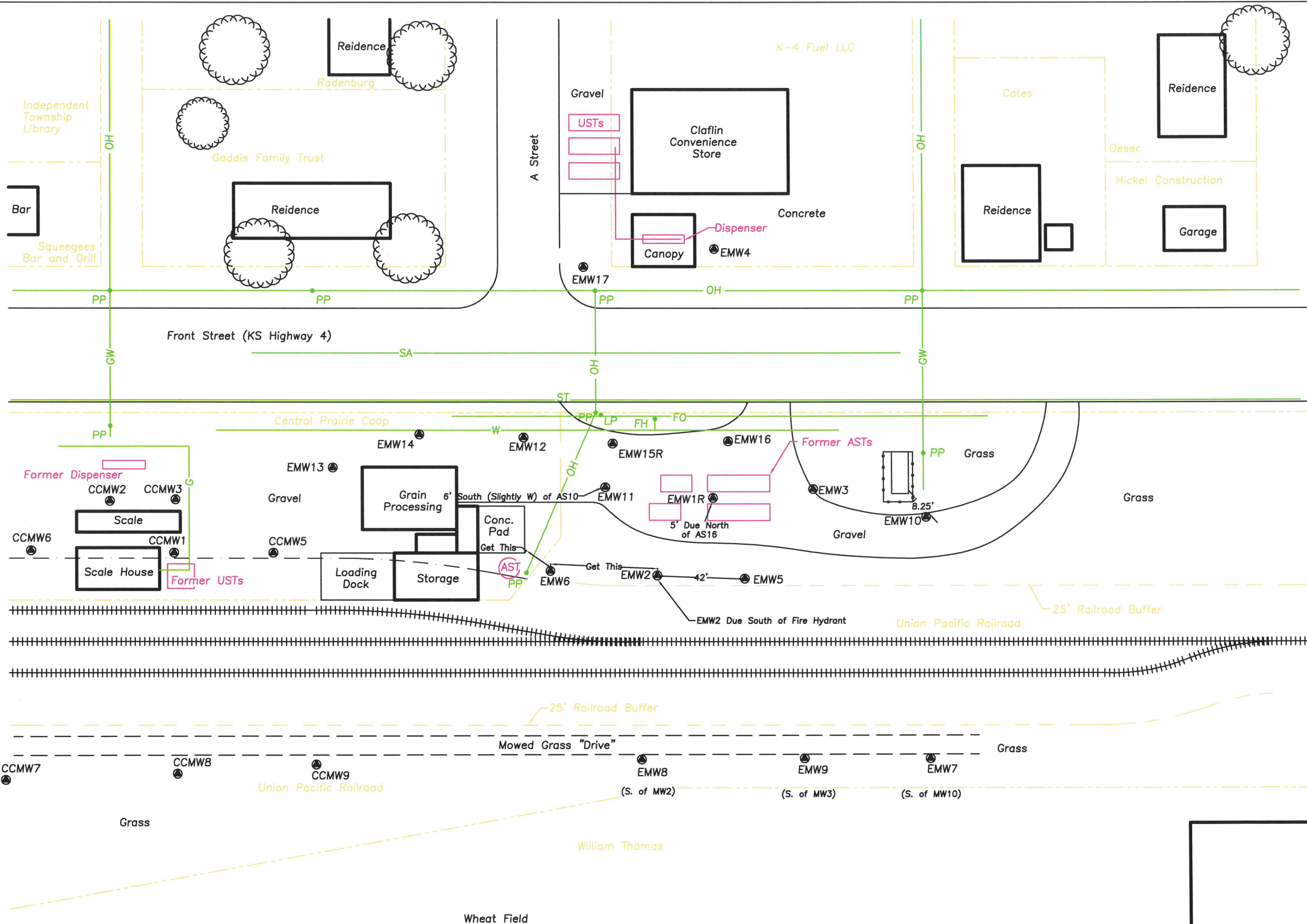
COMMENTS

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CONTRACTOR'S OR LANDOWNERS CERTIFICATION

This water well was constructed reconstructed pursuant to the stated water well contractor's license and was completed on _____. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on _____ under the business name of _____, Kansas Water Well Contractor's License No. _____ under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: _____.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.



Legend

- EMW1 - Essmiller Monitoring Well
- CCMW1 - Claflin Coop Monitoring Well (Existing)
- - - - - Property Line
- Union Pacific Railroad - Property Owner Name
- OH — Overhead Power Line
- SA — Sanitary Sewer Line (~4' deep)
- FO — Fiber Optic (~3' Deep)
- W — Water Line (~4' deep)
- G — Gas Line (~3' deep)
- BT — Buried Telephone (~3' deep)
- ST — Storm Sewer (~2' deep)
- GW — Guy Wire
- PP • Power Pole
- LP • Light Pole
- MH • Manhole
- Ped • Phone Pedestal
- WM • Water Meter
- FH • Fire Hydrant
- CO • Clean Out
- Tree

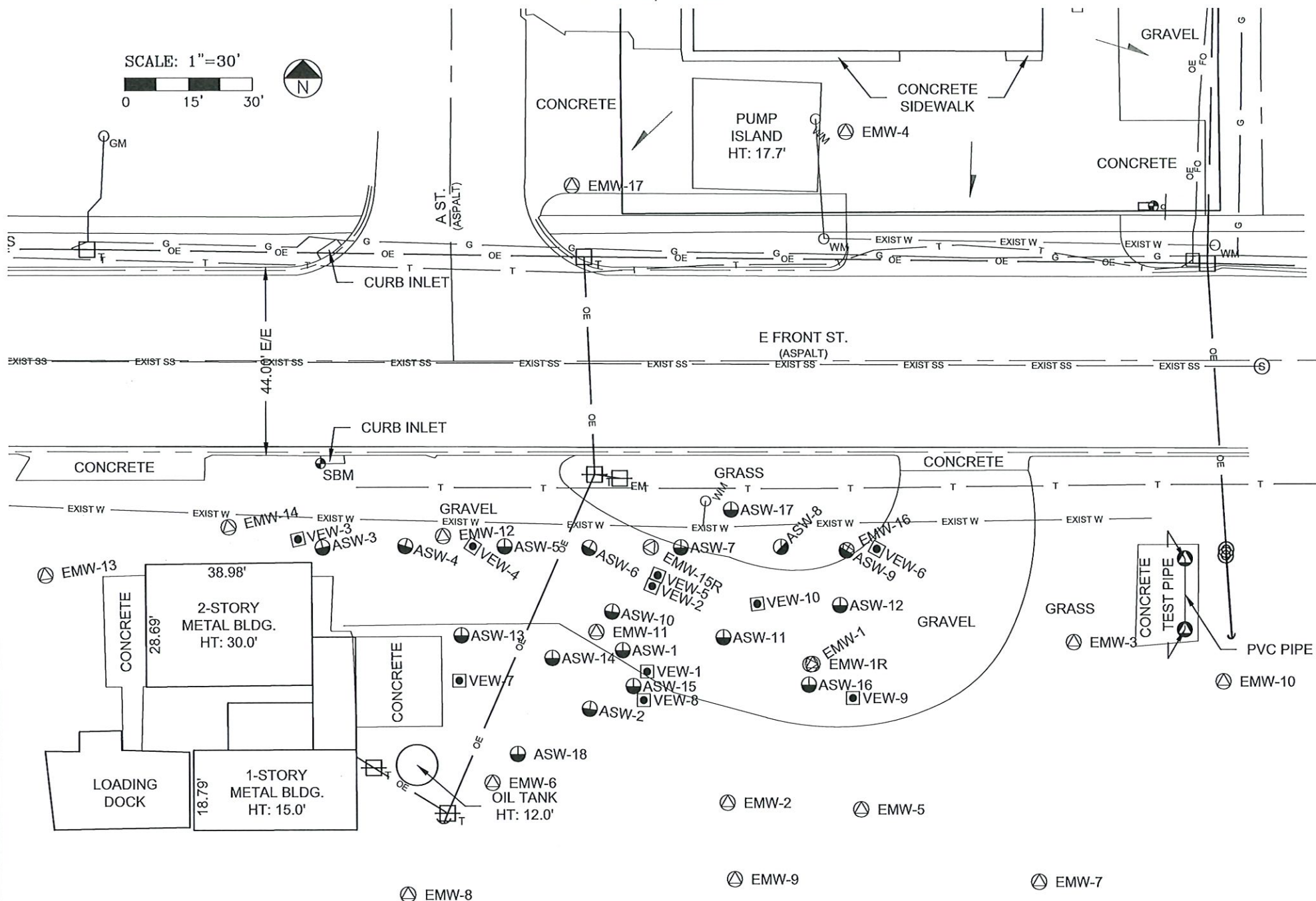
Scale In Feet

0 50 100

Area Base Map
Essmiller Oil Co. Claflin, Kansas
KDHE Project Code: A6-005-40491
Final Remedial Report
CGP Project #21916K
Prepared By: TM Date: 09-13-2023
Reviewed By: MK Date: 09-14-2023
Figure 3.1.1
CGP, Inc. PO Box 23, Wahoo, NE 68066

POST CONSTRUCTION FULL SITE SURVEY

ESSMILLER OIL
CLAFLIN, KANSAS



Point	North Coordinate	East Coordinate	Distance from SE Cor. Sec. 34 North	Distance from SE Cor. Sec. 34 West	*Elev. Top of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Cor.	10000	10000						
Sec.34-T17S-R11W								
EMW-1R	10084.65	5820.00	84.65	4180.00	1806.74	1806.31	38.52226	98.53193
EMW-1	10084.46	5819.39	84.46	4180.61	1806.80	1806.54	38.52226	98.53194
EMW-2	10052.25	5800.00	52.25	4200.00	1805.95	1805.61	38.52217	98.53204
EMW-3	10089.65	5881.01	89.65	4118.99	1806.44	1806.05	38.52227	98.53172
EMW-4	10208.83	5828.07	208.83	4171.93	1806.65	1806.28	38.52260	98.53190
EMW-5	10050.62	5831.08	50.62	4168.92	1806.20	1805.85	38.52217	98.53190
EMW-6	10056.91	5744.79	56.91	4255.21	1806.85	1806.62	38.52219	98.5322
EMW-7	9965.72	5801.50	-34.28	4198.50	1806.14	1805.87	38.52194	98.53200
EMW-8	9966.39	5872.73	-33.61	4127.28	1805.83	1805.48	38.52194	98.53157
EMW-9	9969.26	5724.99	-30.74	4275.01	1805.79	1805.57	38.52194	98.53175
EMW-10	10080.33	5916.66	80.33	4083.84	1805.90	1805.81	38.52225	98.53159
EMW-11	10092.14	5769.16	92.14	4230.84	1806.65	1806.28	38.52228	98.53211
EMW-12	10114.44	5733.40	114.44	4266.60	1806.66	1806.27	38.52234	98.53223
EMW-13	10105.49	5640.17	105.49	4359.83	1807.10	1806.50	38.52232	98.53256
EMW-14	10116.73	5683.06	116.73	4316.94	1807.03	1806.49	38.52235	98.53241
EMW-15R	10111.98	5782.06	111.98	4217.94	1806.72	1806.3	38.52234	98.53206
EMW-16	10111.09	5827.85	111.09	4172.15	1806.84	1806.20	38.52233	98.53207
EMW-17	10196.65	5763.92	196.65	4236.08	1806.39	1806.09	38.52257	98.53213
VEW-1	10082.70	5781.03	82.70	4218.97	1806.64	1806.23	38.52226	98.53207
VEW-2	10102.71	5782.31	102.71	4217.69	1806.75	1806.29	38.52231	98.53206
VEW-3	10113.95	5699.47	113.95	4300.53	1807.10	1806.71	38.52234	98.53235
VEW-4	10112.27	5740.41	112.27	4259.59	1806.67	1806.18	38.52234	98.53221
VEW-5	10105.47	5783.66	105.47	4216.34	1806.89	1806.36	38.52232	98.53206
VEW-6	10111.54	5834.99	111.54	4165.01	1806.71	1806.40	38.52233	98.53188
VEW-7	10080.86	5737.12	80.86	4262.88	1807.01	1806.42	38.52225	98.53222
VEW-8	10076.26	5780.31	76.26	4219.69	1806.66	1806.06	38.52224	98.53207
VEW-9	10076.69	5829.32	76.69	4170.68	1806.72	1806.06	38.52224	98.53190
VEW-10	10098.74	5807.10	98.74	4192.90	1807.08	1806.19	38.52230	98.53198
ASW-1	10087.75	5775.22	87.75	4224.78	1806.62	1806.17	38.52227	98.53209
ASW-2	10073.93	5767.70	73.93	4232.07	1806.48	1806.16	38.52223	98.53211
ASW-3	10112.00	5705.28	112.00	4294.72	1807.17	1806.82	38.52234	98.53233
ASW-4	10112.32	5724.68	112.32	4275.32	1806.88	1806.60	38.52234	98.53226
ASW-5	10112.21	5747.90	112.21	4252.10	1806.70	1805.96	38.52234	98.53218
ASW-6	10111.84	5767.71	111.84	4232.29	1806.80	1806.32	38.52233	98.53211
ASW-7	10111.92	5789.13	111.92	4210.87	1806.82	1806.44	38.52234	98.53204
ASW-8	10112.05	5812.70	112.05	4187.30	1806.87	1806.57	38.52234	98.53196
ASW-9	10111.18	5827.96	111.18	4172.04	1806.84	1806.20	38.52233	98.53190
ASW-10	10096.96	5772.93	96.96	4227.07	1806.81	1806.34	38.52229	98.53210
ASW-11	10090.92	5799.12	90.92	4200.88	1806.95	1806.30	38.52228	98.53200
ASW-12	10098.38	5826.44	98.38	4173.56	1806.89	1806.21	38.52230	98.53191
ASW-13	10091.40	5737.69	91.40	4262.31	1807.04	1806.54	38.52228	98.53222
ASW-14	10086.09	5758.93	86.09	4241.07	1806.61	1806.31	38.52226	98.53214
ASW-15	10079.47	5749.89	79.47	4250.11	1806.77	1806.19	38.52225	98.53208
ASW-16	10079.78	5819.11	79.78	4180.89	1806.83	1806.08	38.52225	98.53193
ASW-17	10120.77	5800.99	120.77	4199.01	1806.76	1806.38	38.52236	98.53200
ASW-18	10063.63	5750.77	63.63	4249.23	1806.59	1806.25	38.52222	98.53219
Site B.M.	10131.65	5704.78	131.65	4295.22	B.M. Elev. = 1806.13			

LEGEND

- FO FIBER OPTIC
- EXIST W WATER LINE
- OE OVERHEAD ELECTRIC
- G GAS LINE
- T UNDERGROUND TELEPHONE LINE
- DRAINAGE DIRECTION
- ASW AIR SPARGE WELL
- VEW VAPOR EXTRACTION WELL
- EMW1 ESSMILLER MONITORING WELL
- TELEPHONE PEDESTAL
- ELECTRICAL POLE
- ELECTRIC POLE W/TRANSFORMER
- ELECTRIC POLE W/ELECTRIC METER
- SITE BENCHMARK
- WM WATER METER
- GM GAS METER
- E/E EDGE TO EDGE OF ASPHALT ROAD

Description: "□" Square cut on southwest corner of inlet at northwest corner of site

SMH Consultants
By: Tim Sloan

Tim Sloan
Tim Sloan, P.S.
Vice-President



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Manhattan, KS - HQ P: (785) 776-0541 • Dodge City, KS P: (620) 255-1952
Kansas City P: (913) 444-9615 • Colorado Springs, CO P: (719) 428-8677

Drawn By:RJC Project #2304-0156 TDS #93