

**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: from _____ to _____ ft.	Borehole diameter: _____ 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

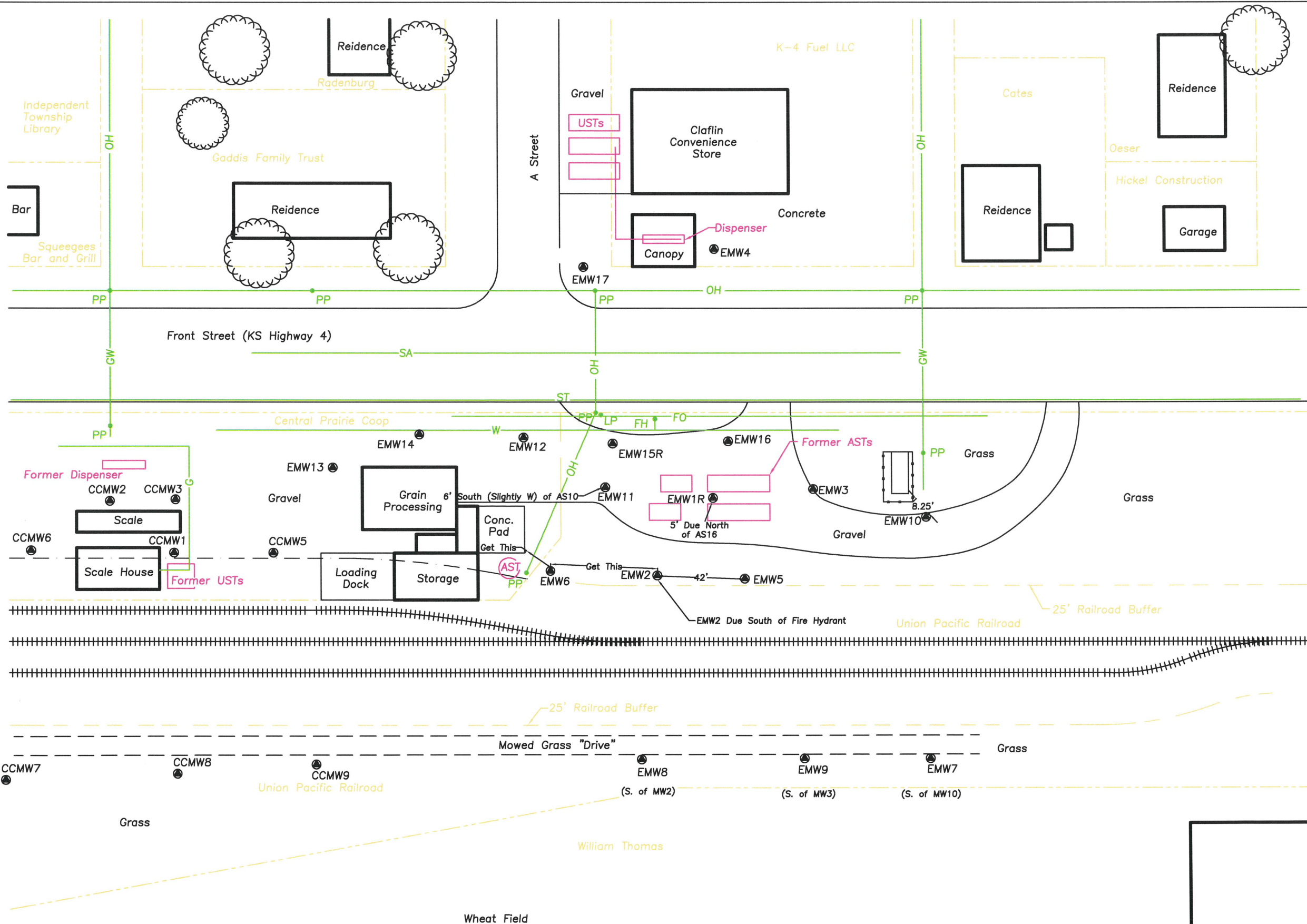
**COMMENTS**

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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: _____.
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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

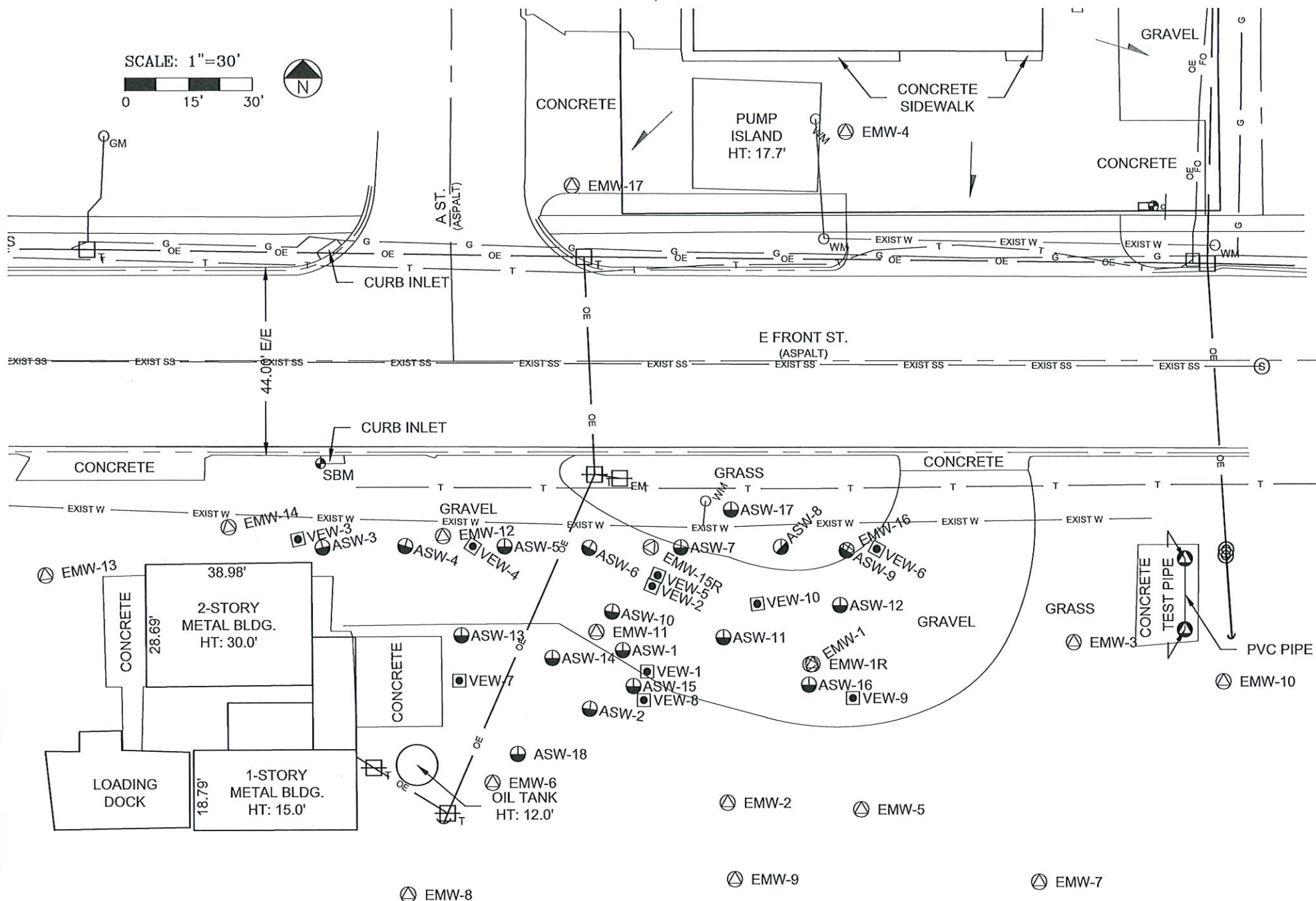
Scale In Feet  
0 50 100

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	5916.16	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



Civil Engineering • Land Surveying • Landscape Architecture  
www.smhconsultants.com

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