

WATER WELL RECORD Form WWC-5

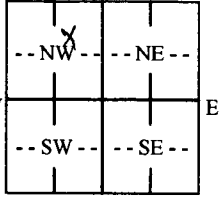
Division of Water Resources App. No.

Well ID SV/AS4

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Comanche	Fraction SE ¼ SW ¼ NE ¼ NW ¼	Section Number 3	Township Number T 33 S	Range Number R 20 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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2 WELL OWNER: Last Name: Alliance Ag & Grain, LLC Address: 311 N. Main City: Greensburg State: KS ZIP: 67054	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: <input type="checkbox"/> 401 N. Broadway, Protection
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3 LOCATE WELL WITH "X" IN SECTION BOX: N  W E S 1 mile	4 DEPTH OF COMPLETED WELL: 30 ft. Depth(s) Groundwater Encountered: 1) 22 ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr)..... <input type="checkbox"/> 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: 13 in. to 30 ft. and in. to ft.	5 Latitude: 37.204111 (decimal degrees) Longitude: -99.484719 (decimal degrees) Horizontal Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Online Mapper: Google Earth
		6 Elevation: ft. <input type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	5. <input type="checkbox"/> Public Water Supply: well ID	10. <input type="checkbox"/> Oil Field Water Supply: lease
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells?	11. Test Hole: well ID
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input type="checkbox"/> Monitoring: well ID	12. Geothermal: how many bores?
	9. Environmental Remediation: well ID SV/AS4 <input checked="" type="checkbox"/> Air Sparge <input checked="" type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
		13. <input type="checkbox"/> 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 **27.5** ft., Diameter **4** in. to **10** ft., Diameter in. to ft.
Casing height above land surface **Flush** 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 **27.5** ft. to **30** ft., From **10** ft. to **25-4"** ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **8** ft. to **30** ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From **3** ft. to **8** ft., From ft. to ft., From ft. to ft.

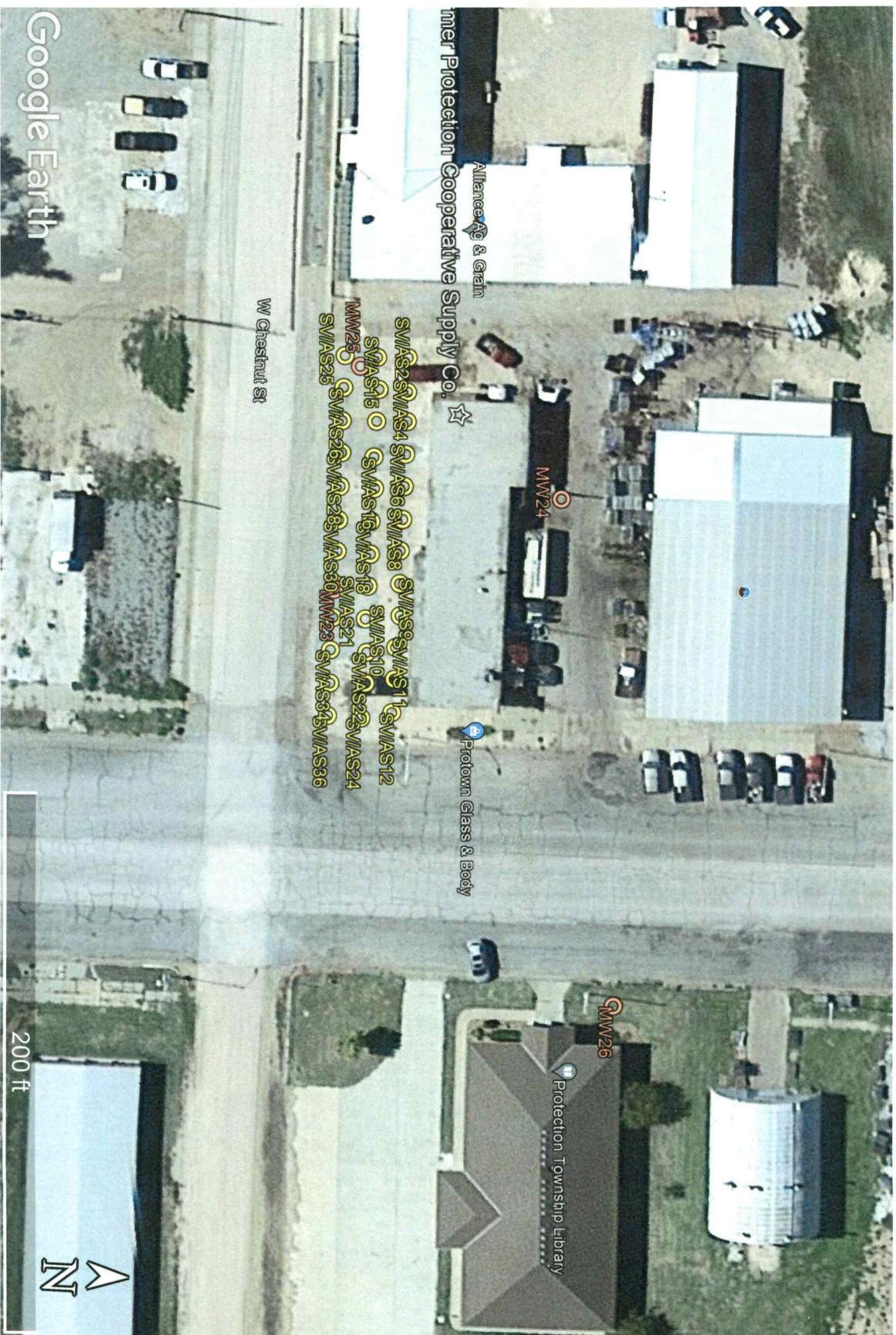
Nearest source of possible contamination:
 Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage
 Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well
 Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well
 Other (Specify) **Remedial site**

Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Concrete			
0.5	15	Sand, vf-c, Brown (fill)			
15	22	Sand, vf-c, Gray Brown (fill)			
22	27	Sand, vf-m, v. silty, Dark Gray			
27	29.5	Sand, vf-m, v. silty, Gray Brown			
29.5	30	Clay, Brown			

Notes: AS4 and SVE4 were placed together in 13" bore hole as co-located wells. KDHE Project Code U1-017-00242

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) **3/9/2022** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **527** This Water Well Record was completed on (mo-day-year) **8/29/2022** under the business name of **GeoCore, LLC** Signature *[Signature]*



Project Site:

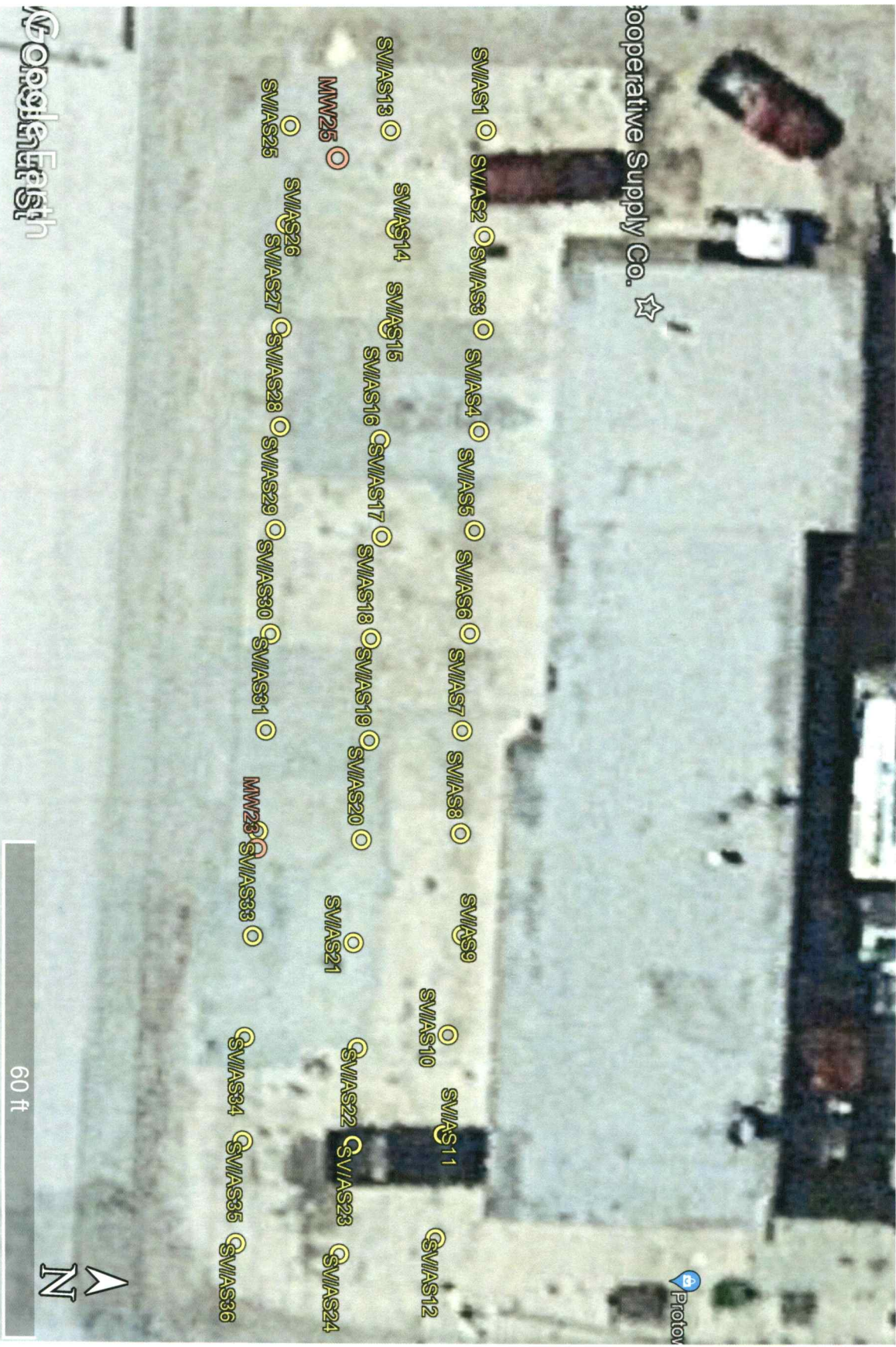
Protection Cooperative Supply Co., 401 N. Broadway Ave., Protection, Kansas

KDHE Project Code: U1-017-00242

Comanche

T335 - Row - Sec. 3

KS# 8834212
Comanche



Comanche

1335 - ROW - Sec 3

*KSJ
Comanche*

Protection Cooperative Supply Co., 401 N. Broadway, Protection – KDHE Project #U1-017-00242
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GPS Coordinates:

SV/AS1: 37.204109, -99.484843	SV/AS13: 37.204078, -99.484842	SV/AS25: 37.204045, -99.484843
SV/AS2: 37.204110, -99.484799	SV/AS14: 37.204081, -99.484801	SV/AS26: 37.204045, -99.484802
SV/AS3: 37.204111, -99.484761	SV/AS15: 37.204080, -99.484760	SV/AS27: 37.204045, -99.484759
SV/AS4: 37.204111, -99.484719	SV/AS16: 37.204079, -99.484714	SV/AS28: 37.204046, -99.484718
SV/AS5: 37.204111, -99.484678	SV/AS17: 37.204081, -99.484674	SV/AS29: 37.204046, -99.484675
SV/AS6: 37.204111, -99.484636	SV/AS18: 37.204079, -99.484632	SV/AS30: 37.204046, -99.484632
SV/AS7: 37.204110, -99.484596	SV/AS19: 37.204080, -99.484590	SV/AS31: 37.204046, -99.484592
SV/AS8: 37.204111, -99.484554	SV/AS20: 37.204079, -99.484549	SV/AS32: 37.204045, -99.484550
SV/AS9: 37.204113, -99.484513	SV/AS21: 37.204078, -99.484507	SV/AS33: 37.204045, -99.484507
SV/AS10: 37.204110, -99.484472	SV/AS22: 37.204081, -99.484464	SV/AS34: 37.204044, -99.484465
SV/AS11: 37.204110, -99.484431	SV/AS23: 37.204081, -99.484424	SV/AS35: 37.204045, -99.484422
SV/AS12: 37.204109, -99.484388	SV/AS24: 37.204078, -99.484379	SV/AS36: 37.204044, -99.484380
MMW23: 37.204045, -99.484543	MMW25: 37.204061, -99.484830	
MMW24: 37.204270, -99.484671	MMW26: 37.204347, -99.484026	