

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

Well ID SV/AS16

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 Aq & Grain, LLC Business: Alliance Aq & Grain, LLC Address: 311 N. Main Address: City: Greensburg State: KS ZIP: 67054	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: <input type="checkbox"/> 401 N. Broadway, Protection
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3 LOCATE WELL WITH "X" IN SECTION BOX:

N

--NW--	--NE--	--NW--	--NE--
--SW--	--SE--	--SW--	--SE--

S

|-----1 mile-----|

4 DEPTH OF COMPLETED WELL: **30** ft.

Depth(s) Groundwater Encountered: 1) **22** 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: **13** in. to **30** ft. and
 in. to ft.

5 Latitude: **37.204079** (decimal degrees)
Longitude: **-99.484714** (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: **Google Earth**

6 Elevation: ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID	10. <input type="checkbox"/> Oil Field Water Supply: lease
6. <input type="checkbox"/> Dewatering: how many wells?	7. <input type="checkbox"/> Aquifer Recharge: well ID	11. Test Hole: well ID
8. <input type="checkbox"/> Monitoring: well ID	9. Environmental Remediation: well ID SV/AS16 <input checked="" type="checkbox"/> Air Sparge <input checked="" type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	12. Geothermal: how many bores?
		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 - 2"** 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 **3.5** ft. to **8** ft., From ft. to ft., From ft. to ft.

Nearest source of possible contamination:

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> Lateral Lines	<input type="checkbox"/> Pit Privy	<input type="checkbox"/> Livestock Pens	<input type="checkbox"/> Insecticide Storage
<input type="checkbox"/> Sewer Lines	<input type="checkbox"/> Cess Pool	<input type="checkbox"/> Sewage Lagoon	<input type="checkbox"/> Fuel Storage	<input type="checkbox"/> Abandoned Water Well
<input type="checkbox"/> Watertight Sewer Lines	<input type="checkbox"/> Seepage Pit	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Fertilizer Storage	<input type="checkbox"/> Oil Well/Gas Well

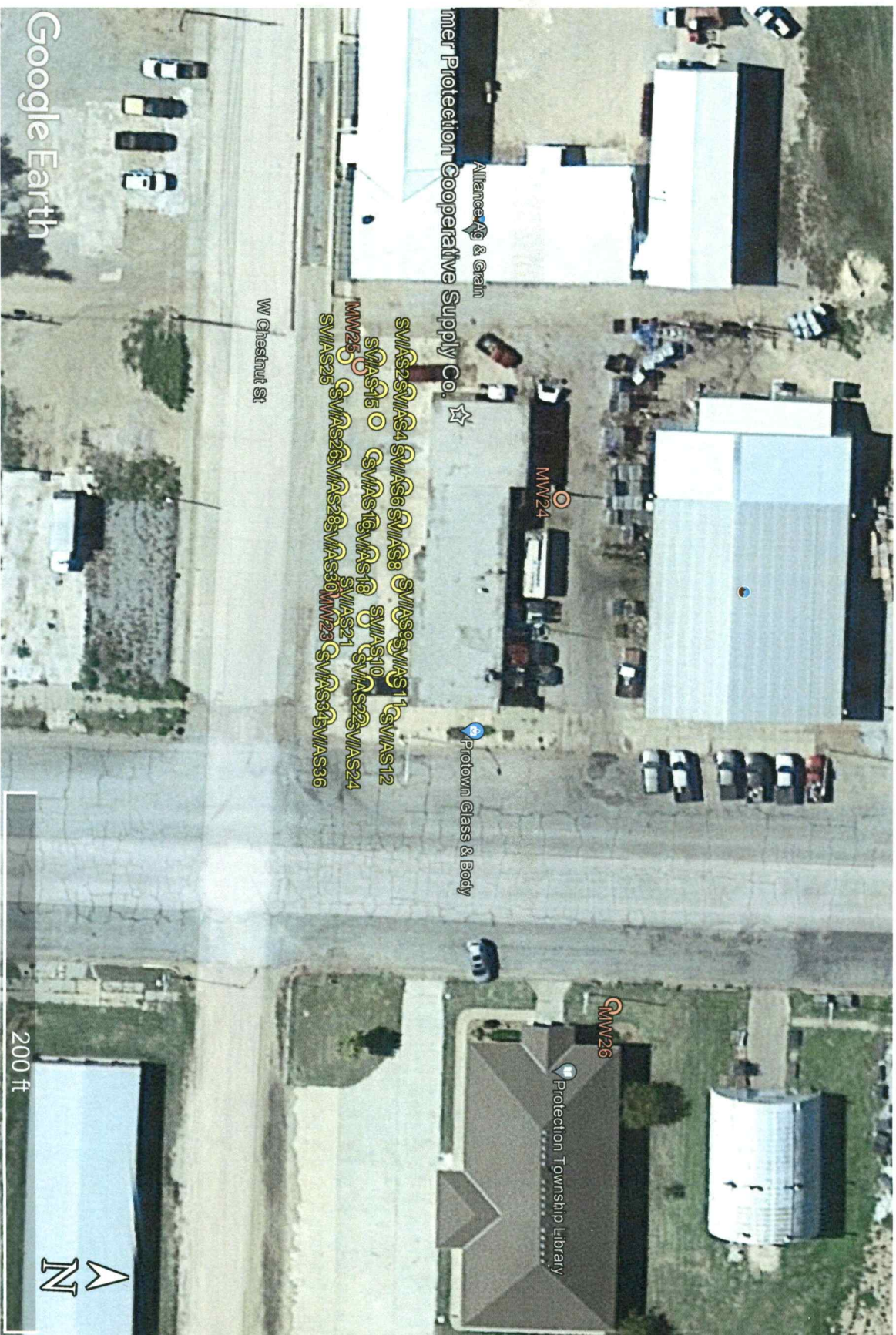
Other (Specify) **Remedial site**

Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Concrete	28	30	Clay, silty, Gray Brown
0.5	1.5	Sand, vf-c, Brown (fill)			
1.5	6.5	Clay, v. silty, Dark Brown			
6.5	13	Clay, silty, Brown			
13	17	Clay, silty, Dark Brown			
17	20	Clay, silty, Gray			
20	22	Clay, silty, Dark Gray			
22	25	Sand, vf-c, v. silty, Dark Gray			
25	28	Sand, vf-c, v. silty, Gray Brown			

Notes: AS16 and SVE16 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) **3/18/2022** 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:

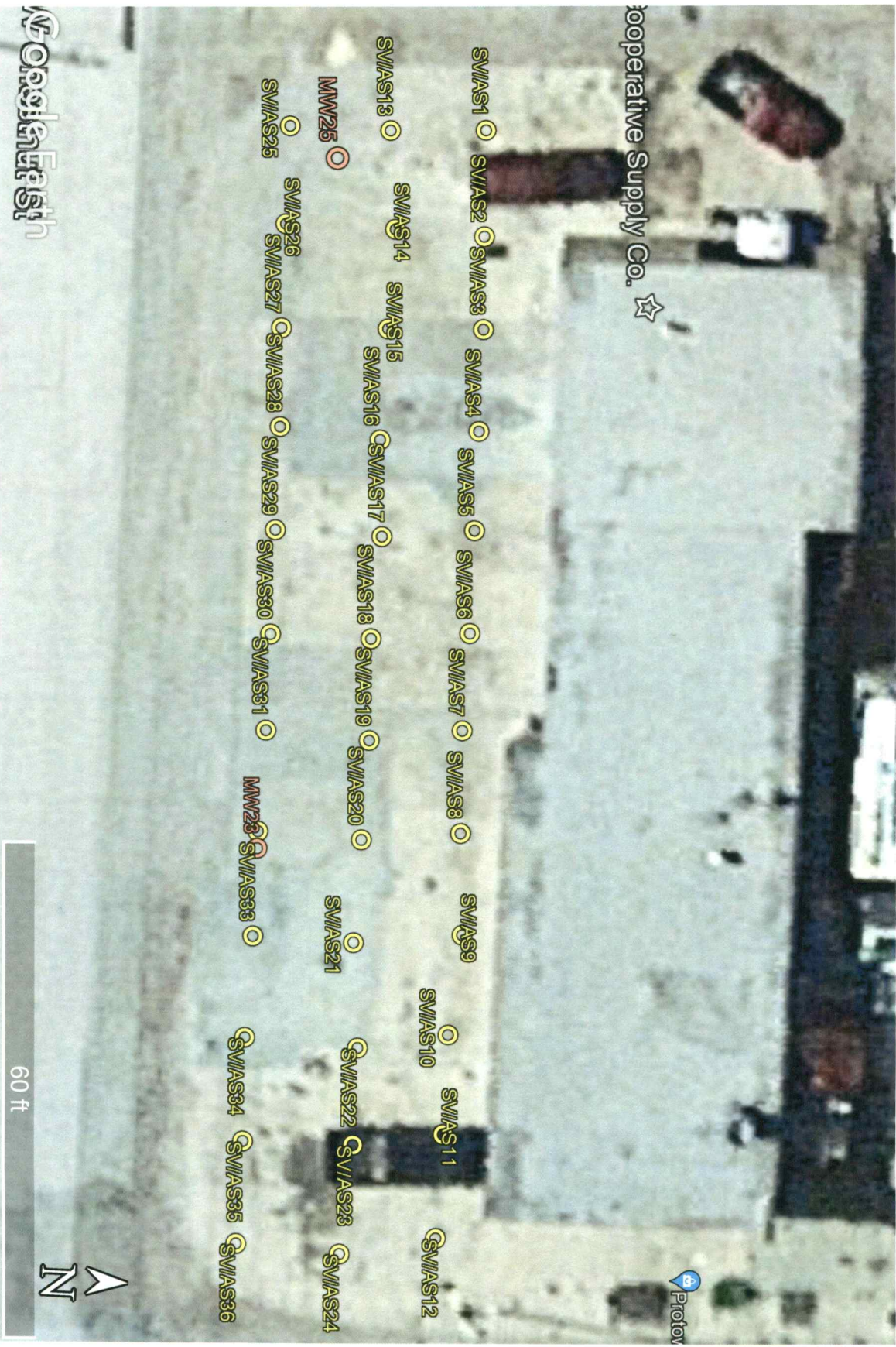
Protection Cooperative Supply Co., 401 N. Broadway Ave., Protection, Kansas

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	