

**WATER WELL RECORD Form WWC-5**

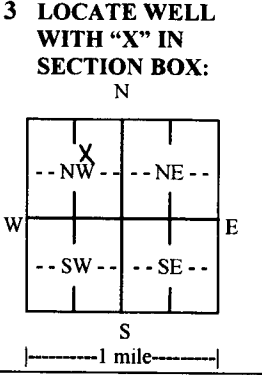
Original Record  Correction  Change in Well Use

Division of Water Resources App. No.

Well ID SV/AS10

**1 LOCATION OF WATER WELL:** County: **Comanche** Fraction: **SE 1/4 SW 1/4 NE 1/4 NW 1/4** Section Number: **3** Township Number: **T 33 S** Range Number: **R 20**  E  W

**2 WELL OWNER:** Last Name: **Alliance Ag & Grain, LLC** 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:   
 Business: **Alliance Ag & Grain, LLC** Address: **311 N. Main** **401 N. Broadway, Protection**  
 Address:  City: **Greensburg** State: **KS** ZIP: **67054**



**4 DEPTH OF COMPLETED WELL:** ..... **30** ..... ft.  
 Depth(s) Groundwater Encountered: 1) ..... **21** ..... 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:** ..... **37.204110** ..... (decimal degrees)  
**Longitude:** ..... **-99.484472** ..... (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:  Household  Lawn & Garden  Livestock  
 Irrigation  
 Feedlot  
 Industrial

2.  Public Water Supply: well ID .....

3.  Dewatering: how many wells? .....

4.  Aquifer Recharge: well ID .....

5.  Monitoring: well ID .....

6.  Environmental Remediation: well ID **SV/AS10**  
 Air Sparge  Soil Vapor Extraction  
 Recovery  Injection

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 ..... **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.

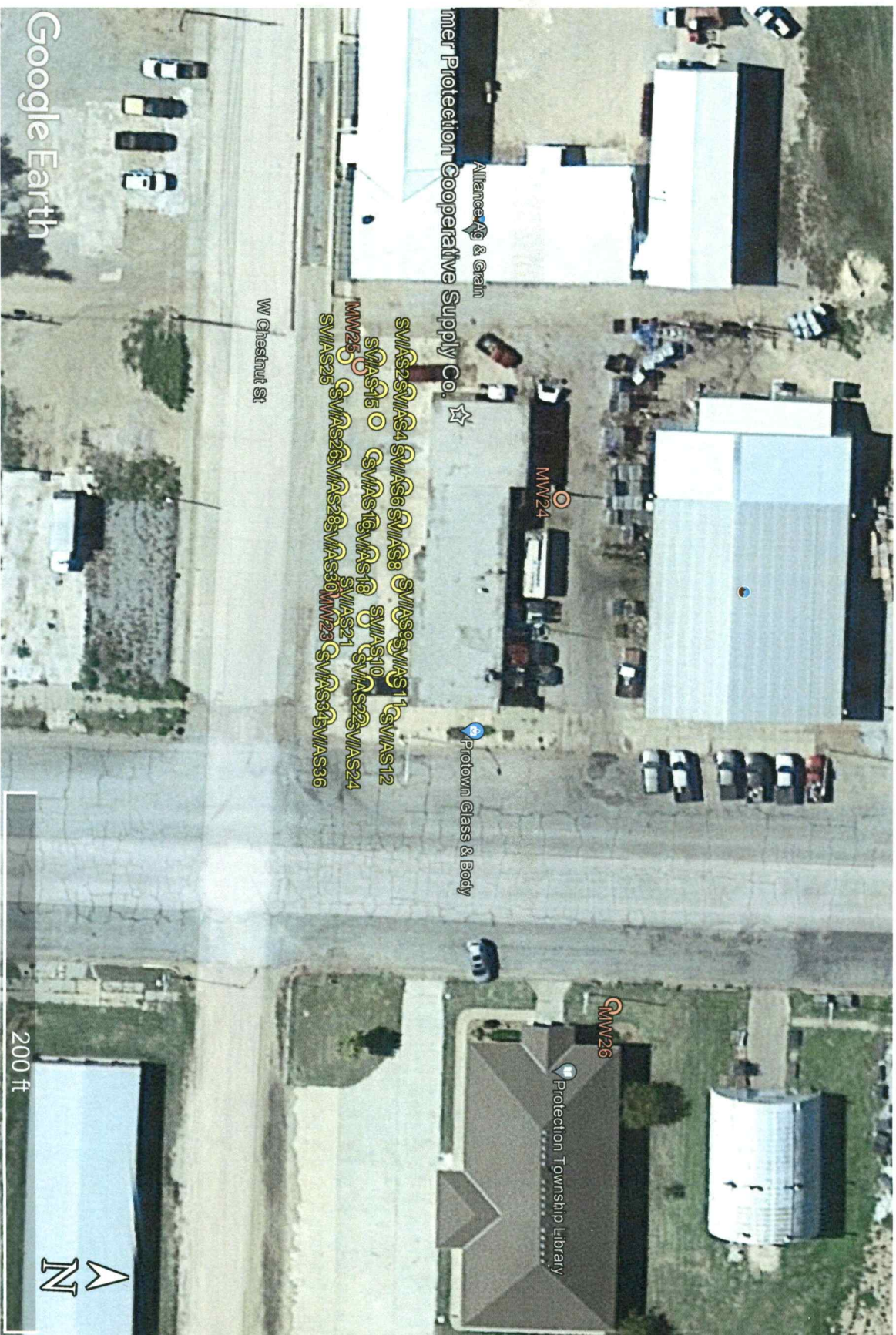
**Nearest source of possible contamination:**  
 Septic Tank  Lateral Lines  Pit Privy  Livestock Pens  Insecticide Storage  
 Sewer Lines  Cess Pool  Sewage Lagoon  Fuel Storage  Abandoned Water Well  
 Watertight Sewer Lines  Seepage Pit  Feedyard  Fertilizer Storage  Oil Well/Gas Well  
 Other (Specify) **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	2	Sand, vf-c, silty, sl. clayey, Brown			
2	4	Silt, sl. sandy, sl. clayey, Brown			
4	8	Clay, silty, Gray Brown			
8	13	Clay, v. silty, Gray Brown			
13	17	Clay, silty, Gray			
17	21	Clay, silty, Dark Gray			
21	27	Sand, vf-c, v. silty, Dark Gray			
27	30	Sand, vf-c, v. silty, Gray Brown			

**Notes:** AS10 and SVE10 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) **3/14/2022** ..... 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:

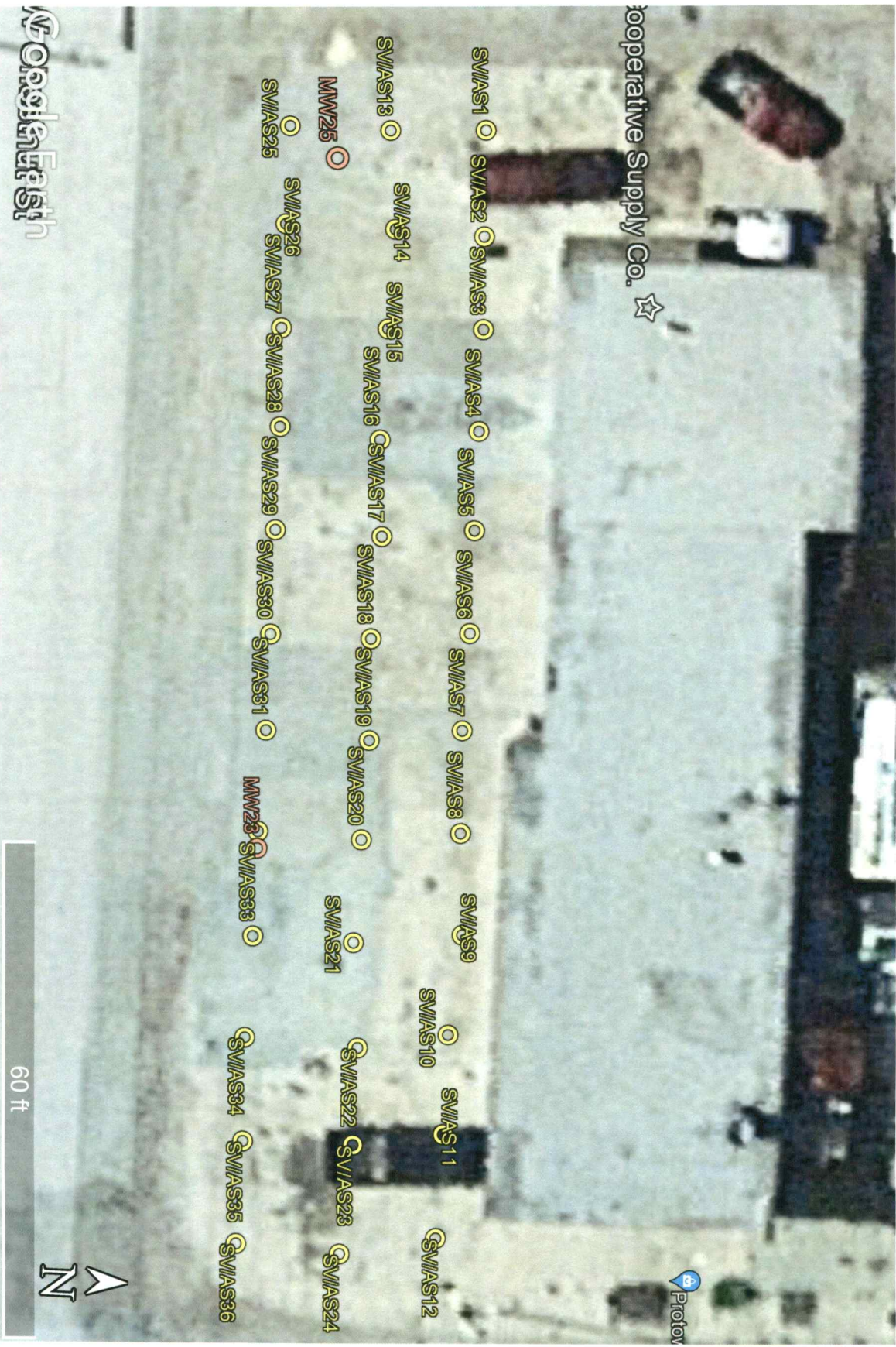
Protection Cooperative Supply Co., 401 N. Broadway Ave., Protection, Kansas

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 #UJ-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	