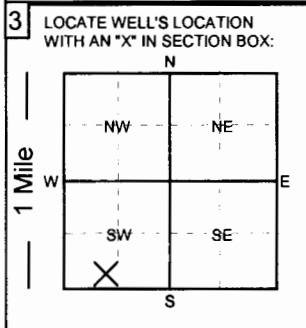


WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: Sumner	FRACTION SE 1/4 SW 1/4 SW 1/4	SECTION NUMBER 4	TOWNSHIP NUMBER T 30 S	RANGE NUMBER R 1E E/W
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Distance and direction from nearest town or city street address of well if located within city?
Hwy. 81 and E. 140th North and East 1/8 mile Mulvane, Kansas

2 WATER WELL OWNER: KANSAS STAR CASINO	Board of Agriculture, Division of Water Resource
RR#, ST. ADDRESS, BOX #: 108 W. Main St.	Application Number: 20110106
CITY, STATE: Mulvane, Kansas	ZIP CODE: 67110



4 DEPTH OF COMPLETED WELL: **48** ft. ELEVATION:

Depth of groundwater Encountered: _____ ft.

WELL'S STATIC WATER LEVEL **14** FT. BELOW LAND SURFACE MEASURED ON **4/13/11**

Pump test data: Well water was _____ ft. after _____ hours of pumping @ _____ gpm

Est. Yield: _____ gpm Well water was _____ ft. after _____ hours of pumping @ _____ gpm

Bore Hole Diameter **12** in. to **48** ft. and _____ in. to _____ ft.

WELL WATER TO BE USED AS:

1. Domestic 3. Feedlot 5. Public water supply 7. Lawn and garden only 9. Dewatering 11. Injection well
 2. Irrigation 4. Industrial 6. Oil field water supply 8. Air conditioning 10. Monitoring well dirt const. well 12. Other (Specify below)

Was a chemical/bacteriological sample submitted to Department? **YES** **NO**; If yes, what mo/day/yr was sample submitted _____

Was Water Well Disinfected? **YES** **NO**

5 TYPE OF CASING USED:

1. Steel 3. RPM (SR) 5. Wrought Iron 7. Fiberglass 9. Other (Specify below) CASING JOINTS: **Glued** Threaded
 2. **PVC** 4. ABS 6. Asbestos-Cement 8. Concrete tile SDR-26 Welded Clamped

Blank casing diameter **8** in. to **20** ft., Dia. _____ in. to _____ ft., Dia. _____ in. to _____ ft.

Casing height above land surface: **12** in., Weight: **5.52** lbs. / ft. Wall thickness or gauge No. **.332**

TYPE OF SCREEN OR PERFORATION MATERIAL:

1. Steel 3. Stainless Steel 5. Fiberglass **7. PVC** 9. ABS 11. Other (specify)
 2. Brass 4. Galvanized 6. Concrete Tile 8. RMP (SR) 10. Asbestos-Cement 12. None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

1. Continuous slot 3. Mill slot 5. Gauzed wrapped 7. Torch cut 9. Drilled holes 11. None (open hole)
 2. Louvered shutter 4. Key punched 6. Wire wrapped **8. Saw cut** 10. Other (specify)

SCREEN - PERFORATION INTERVAL From **20** ft. to **48** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From **20** ft. to **48** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIALS: 1. Neat cement 2. Cement Grout 3. Bentonite Other **bentonite hole plug**

Grout Intervals: From **0** ft. to **20** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

What is the nearest source of possible contamination:

1. **Septic tank** 4. Lateral lines 7. Pit privy 10. Livestock pens 13. Insecticide storage 15. Oil well/Gas well
 2. Sewer lines 5. Cess Pool 8. Sewage lagoon 11. Fuel storage 14. Abandon water well 16. Other (specify below)
 3. Watertight sewer line 6. Seepage pit 9. Feed yard 12. Fertilizer storage **None Apparent**

Direction from well? _____ How many feet? _____

From	To	LITHOLOGIC LOG	From	To	LITHOLOGIC LOG
0	3	topsoil			
3	12	clay			
12	18	sandy clay			
18	22	fine sand			
22	43	medium sand			
43	48	grey shale			

7 Contractor's or Landowner's Certification: This water well was **1. constructed** 2. reconstructed or 3. plugged under my jurisdiction and was completed on (mo/day/year) **4/13/2011** and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. **236** This water well record was completed on (mo/day/year) **4/14/2011**

under the business name of **Harp Well and Pump Service** by (signature) **Todd S. Harp**