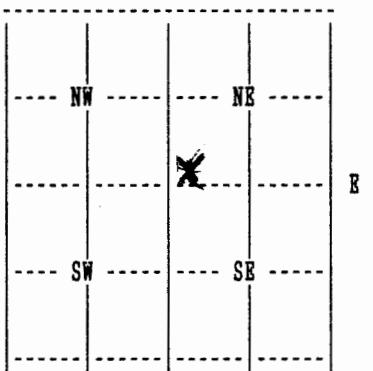


WATER WELL RECORD Form WWC-5 KSA 82a-1212

| | | | | |
|---|----------------------------------|----------------------|---------------------------|------------------------|
| 1 LOCATION OF WATER WELL: COUNTY: 035 GRAY | Fraction SW 1/4 SW 1/4 NE 1/4 | Section Number 18 | Township Number T 26 S | Range Number R 29 W |
|---|----------------------------------|----------------------|---------------------------|------------------------|

Distance and direction from nearest town or city street address of well if located within city?
FROM INGALLS; APPX 2 1/2 MILES SOUTH & 3 MILES WEST

| | |
|--|--|
| 2 WATER WELL OWNER: RR#, St. Address, Box #: 13503 OLD HWY 50 City, State, ZIP code : CIMARRON, KS 67835-8843 | AST BROTHERS CATTLE CO Board of Agriculture, Division of Water Resources Application Number: 21536 |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  | 4 DEPTH OF COMPLETED WELL 282 ELEVATION: 0 Depth(s) Groundwater Encountered 1. 0 ft. 2. 0 ft. 3. 0 ft. WELL'S STATIC WATER LEVEL 146 ft. below land surface measured on mo/day/yr 11/04/04 Pump test data: Well water was 199 ft. after 4 hours pumping 800 gpm Estimated Yield 0 gpm: Well water was 0 ft. after 0 hours pumping 0 gpm Bore Hole Diameter 24 in. to 282 ft., and in. to 0 ft. WELL WATER TO BE USED AS: 02 IRRIGATION Was a chemical/bacteriological sample submitted to department? No; If yes, mo/day/yr sample was submitted Water well disinfected? Yes |

| | |
|--|-----------------------|
| 5 TYPE OF BLANK CASING USED: 01 STEEL Blank casing diameter 16 in. to 282 ft., Dia in. to 0 ft., Dia in. to 0 ft. Casing height above land surface 12 in., weight 37 lbs/ft. Wall thickness or gauge No. .219 TYPE OF SCREEN OR PERFORATION MATERIAL: 01 STEEL SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT | CASING JOINTS: WELDED |
| SCREEN PERFORATED INTERVALS: From 197 ft. to 267 ft., From 0 ft. to 0 ft. From 0 ft. to 0 ft., From 0 ft. to 0 ft. | |
| GRAVEL PACK INTERVALS: From 20 ft. to 282 ft., From 0 ft. to 0 ft. From 0 ft. to 0 ft., From 0 ft. to 0 ft. | |

| | |
|---|------------------|
| 6 GROUT MATERIAL 03 BENTONITE Grout Intervals: From 0 ft. to 20 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft. What is the nearest source of possible contamination: NONE OBSERVED Direction from well? | How many feet? 0 |
|---|------------------|

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|-----|--------------------------------------|------|----|--------------------|
| 0 | 2 | 02 SILT | | | |
| 2 | 9 | 01 CLAY | | | |
| 9 | 57 | 07 FINE SAND 08 MEDIUM SAND 01 CLAY | | | |
| 57 | 160 | 05 SAND 11 GRAVEL | | | |
| 160 | 178 | 05 SAND 13 FINE GRAVEL 14 MED GRAVEL | | | |
| 178 | 197 | 01 CLAY 11 GRAVEL | | | |
| 197 | 218 | 05 SAND | | | |
| 218 | 239 | 01 CLAY 05 SAND | | | |
| 239 | 262 | 05 SAND 13 FINE GRAVEL 28 ROCK | | | |
| 262 | 263 | 31 CALICHE | | | |

| | |
|--|----------------|
| 7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 10/30/04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 01/13/05 under the business name of HENKLE DRILLING & SUPPLY | by (signature) |
|--|----------------|

(Continued)

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

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2 WATER WELL OWNER:
AST BROTHERS CATTLE CO
RR#, St. Address, Box # : 13503 OLD HWY 50
City, State, ZIP code : CIMARRON, KS 67835-8843

Board of Agriculture, Division of Water Resources
Application Number: 21536

| | | | |
|-------------|-----------|----------------------------|--|
| FROM 263 | TO 270 | LITHOLOGIC LOG 19 SHALE | |
|-------------|-----------|----------------------------|--|

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was Constructed under my jurisdiction and was completed on (mo/day/year) 10/30/04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 01/13/05 under the business name of HENKLE DRILLING & SUPPLY

by (signature) 