

WATER WELL RECORD Form WWC-5

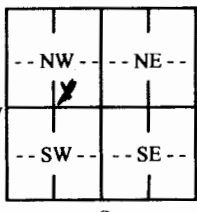
Division of Water Resources App. No.

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: <u>Gray</u>	Fraction sw 1/4 se 1/4 nw 1/4 1/4	Section Number 30	Township Number T 26 S	Range Number R 27 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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2 WELL OWNER: Last Name: <u>R & P Calf Ranch</u> Business: <u>R & P Calf Ranch</u> Address: <u>17502 19</u> Address: <u>Cimarron, Ks.67835</u> City: <u> </u> State: <u> </u> ZIP: <u> </u>	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 checked="" type="checkbox"/>
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3 LOCATE WELL WITH "X" IN SECTION BOX: N  W E S ----- 1 mile -----	4 DEPTH OF COMPLETED WELL: <u>240</u> ft. Depth(s) Groundwater Encountered: 1) <u> </u> ft. 2) <u> </u> ft. 3) <u> </u> ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: <u>162</u> ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) <u>5/18/16</u> <input type="checkbox"/> above land surface, measured on (mo-day-yr) <u> </u> Pump test data: Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm Estimated Yield: <u> </u> gpm Bore Hole Diameter: <u>9.778</u> in. to <u>240</u> ft. and <u> </u> in. to <u> </u> ft.	5 Latitude: <u> </u> (decimal degrees) Longitude: <u> </u> (decimal degrees) Horizontal Datum: <input 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: <u> </u>) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: <u> </u>
		6 Elevation: <u> </u> 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 <u> </u>

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 <u> </u> 6. <input type="checkbox"/> Dewatering: how many wells? <u> </u> 7. <input type="checkbox"/> Aquifer Recharge: well ID <u> </u> 8. <input type="checkbox"/> Monitoring: well ID <u> </u> 9. Environmental Remediation: well ID <u> </u> <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease <u> </u> 11. Test Hole: well ID <u> </u> <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? <u> </u> 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): <u> </u>
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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 5 in. to 180 ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface 36 in. Weight lbs./ft. Wall thickness or gauge No. SDR 21
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 180 ft. to 240 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 240 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
Grout Intervals: From 4 ft. to 20 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)
Direction from well? north Distance from well? 120 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	20	Topsoil & clay	110	118	Clay & little lime
20	28	Clay & little fine sand	118	125	Sand fine to med
28	45	Sand fine	125	130	Clay & lime
45	55	Sand fine to med	130	150	Sand coarse & gravel
55	75	Sand med	150	172	Clay hard
75	90	Sand coarse & gravel	172	236	Sand med to coarse
90	100	Sand fine to med	Notes: 236 240 Shale		
100	105	Clay & little lime			
105	110	Sand med			

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) 5/18/2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 223. This Water Well Record was completed on (mo-day-year) 6/13/2016 under the business name of Dunham Drilling Inc. Signature Dunham