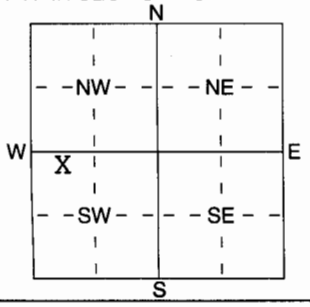
WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. _____

1 LOCATION OF WATER WELL: County: Gray | Fraction: NE ¼ NE ¼ NW ¼ | Section Number: 27 | Township Number: T 29 S | Range Number: R 30 E/W

Distance and direction from nearest town or city street address of well if located within city?
1½ miles East, 2½ Miles South 1/4 mile East of Copeland

2 WATER WELL OWNER: Dewayne Nickel
RR#, St. Address, Box # : 31505 9 Road
City, State, ZIP Code : Montezuma, Kansas 67867
Board of Agriculture, Division of Water Resources Application Number: 23052

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL 420 ft. ELEVATION:
Depth(s) Groundwater Encountered 1 278 ft. 2 287 360 ft. 3 373 ft.
WELL'S STATIC WATER LEVEL 246' ft. below land surface measured on mo/day/yr
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield 1500 gpm: Well water was ft. after hours pumping gpm
WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Domestic (lawn & garden) 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below)
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yrs sample was submitted
Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: Glued X & Belled Welded Threaded
Blank casing diameter 16 in. to 0 - 340 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 12 in., weight lbs./ft. Wall thickness or guage No. SDR 26

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless Steel 4 Galvanized Steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-Cement 11 Other (Specify) 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Guazed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 420-400 wirewrapped ft., From 400-340 PVC Screen ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 420 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
Grout Intervals: From 20-16 Bentonite ft., From 16-0 Cement ft., From ft. to ft.

What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	45	Top Soil & clay & little lime	165	183	Sand
45	50	Clay, lime & fine sand	183	185	Lime (hard)
50	52	Lime (hard)	185	195	Sand
52	54	Clay	195	210	Sand & cemented sand
54	56	Limw (hard)	210	225	Sand, cemented sand & clay
56	57	Clay (dirty)	225	237	Sand
57	61	Sand	237	244	Clay & little lime
61	75	Clay (pink), lim e (hard)	244	246	Lime (very hard)
75	82	Clay	246	255	Clay, lime & sand
82	90	Sand & clay	255	270	Clay & little lime
90	105	Sand, cemented sand & clay	270	278	Clay
105	120	Sand	278	284	Sand
120	135	Sand, cemented sand & clay	284	287	Clay & little lime
135	165	Sand & little cemented sand	287	300	Sand, cemented sand (little har

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) 2-15-09 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 223 This Water Well Record was completed on (mo/day/yr) 2-15-09 under the business name of Dunham Drilling Inc. by (signature) Karen Dunham

INSTRUCTIONS: Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.

300	360	Sand
360	371	Sand & little clay
371	373	Clay & little lime
373	383	Sand
383	386	Sand (tight)
386	390	Sand
390	405	Sand (little fine) & 2' clay (streaks)
405	416	Sand
416	417	Cemented sand (little hard)
417	418	Sand
418	420	Clay