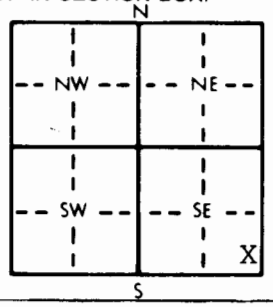
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: OSAGE	SE ¼ SE ¼ SE ¼	26	T 14 S	R 15 E/W

Distance and direction from nearest town or city street address of well if located within city?
1 mile south, 1 1/8 west of Carbondale

2 WATER WELL OWNER: Calvin McAlexander
RR#, St. Address, Box # : 1416 West 149th
City, State, ZIP Code : Scranton, KS 66537
Board of Agriculture, Division of Water Resources
Application Number:

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



4 DEPTH OF COMPLETED WELL 200' ft. ELEVATION:
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 98' ft. below land surface measured on mo/day/yr 7/31/97
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield 15 GPH~~gpm~~: Well water was ft. after hours pumping gpm
Bore Hole Diameter 8 3/4 in. to ft., and in. to ft.
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
2 PVC 4 ABS 7 Fiberglass Threaded
Blank casing diameter 5" in. to 0-100 ft., Dia 5" in. to 120-140 ft., Dia 5" in. to 160-180 ft.
Casing height above land surface 24" in., weight 2.82 lbs./ft. Wall thickness or gauge No. .258

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

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

SCREEN-PERFORATED INTERVALS: From 100 ft. to 120 ft., From 140 ft. to 160 ft.
From 180 ft. to 200 ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 24 ft. to 200 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 4 ft. to 24 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 14 Abandoned water well
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
13 Insecticide storage
Direction from well? SE How many feet? 500'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Top Soil	134	138	Sandstone-Silty-Gr
1	10	Clay-Brown	138	144	Shale-Grey
10	15	Clay-Br-Cherty LS	144	148	Sandstone-Gr-Silty
15	18	Clay-Brown	148	153	Shale-Grey
18	23	Shale-Yellow	153	158	Sandstone-Grey-Silty
23	28	Limestone-Tan	158	163	Shale-Grey
28	30	Limestone-Grey	163	172	Limestone-Grey
30	45	Shale-Grey	172	174	Shale-Grey
45	47	Shale-Black	174	184	Limestone-Grey
47	91	Shale-Grey	184	188	Shale-Grey
91	93	Shale-Black	188	191	Limestone-Grey
93	95	Limestone-Grey	191	200	Shale-Grey
95	98	Shale-Grey			
98	119	Limestone-Grey			
119	134	Shale-Grey			

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) 7/31/97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 182 This Water Well Record was completed on (mo/day/yr) 8-29-97 under the business name of STRADER DRILLING CO., INC. by (signature) Dale Strader

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, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼