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

1 LOCATION OF WATER WELL: Fraction: NE ¼ SW ¼ NE ¼ | Section Number: 5 | Township Number: T 30 S | Range Number: R 30 E/W

County: Meade

Distance and direction from nearest town or city street address of well if located within city? NW corner of COpeland, Ks. & Hwy 56 4.6S on #2 Rd .5E on Rd.A .3S on trail .2E into loc in corn stubble

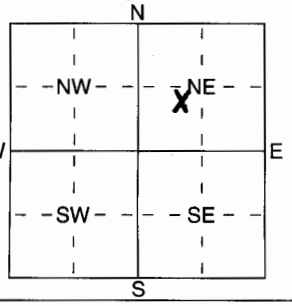
2 WATER WELL OWNER: Ritchie Exploration #1 Patterson Trust

RR#, St. Address, Box # : Box 783188

City, State, ZIP Code : Wichita, Ks 67278-3188

Board of Agriculture, Division of Water Resources Application Number: 20050031

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



4 DEPTH OF COMPLETED WELL 380 ft. ELEVATION:

Depth(s) Groundwater Encountered 1 240 ft. 2 ft. 3 ft.

WELL'S STATIC WATER LEVEL 240 ft. below land surface measured on mo/day/yr 1-03-05

Pump test data: Well water was 257 ft. after 1 hours pumping 100 gpm

Est. Yield 100 gpm: Well water was ft. after hours pumping gpm

WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial (6) Oil field water supply 5 Public 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: (2) PVC 1 Steel 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)

CASING JOINTS: Glued X Clamped Welded Threaded

Blank casing diameter 6 in. to 380 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 24 in., weight 4.074 lbs./ft. Wall thickness or guage No. SDR 21.316

TYPE OF SCREEN OR PERFORATION MATERIAL: (7) PVC 1 Steel 2 Brass 3 Stainless Steel 4 Galvanized Steel 5 Fiberglass 6 Concrete tile 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 300 ft. to 380 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 200 ft. to 380 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 Hole plug

Grout Intervals: From 1 ft. to 25 ft., From ft. to 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 (15) Oil well/Gas well 14 Abandoned water well 16 Other (specify below)

Direction from well? East How many feet? 250

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	Surface			
5	51	Clay			
51	60	Sand			
60	91	Clay and sandy clay			
91	184	Sand and gravel			
184	214	Clay			
214	344	Sand			
344	354	Clay			
354	375	Sand and clay streaks "yellow"			
375	380	Clay "blue"			

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) 1-3-05 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No KWWCL-430 This Water Well Record was completed on (mo/day/yr) 1-3-05 under the business name of Howard Drilling Box 806 Beaver, Ok 73932 by (signature)

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.