

CORRECTION(S) TO WATER WELL RECORD (WWC-5)

(to rectify lacking or incorrect information)

County: McPherson

Location listed as:

Section-Township-Range: 2-20S-4W

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): SE SW SW

Location changed to:

11-20S-4W

NE NW SW

Other changes: Initial statements: _____

Changed to: _____

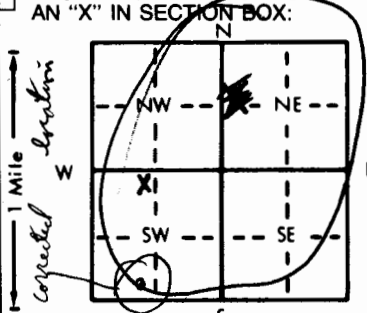
Comments: _____

verification method: Personal communication from Mike Dealy (see attached), and location of associated oil wells operated by Range Oil Co. initials: ORD date: 3/7/2011

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

1 LOCATION OF WATER WELL:
County: McPherson 113
Distance and direction from nearest town or city street address of well if located within city?
3 miles south, 4 miles west and 1/2 mile south of MacPherson, Ks.

2 WATER WELL OWNER: Range Oil Co.
RR#, St. Address, Box #: 240 Page Ct, 220 W Douglas
City, State, ZIP Code: Wichita, Ks 67202
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: 190 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 54 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 54 ft. below land surface measured on mo/day/yr Nov. 2, 1984
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 8 in. to 190 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 Observation 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:
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below)
7 Fiberglass
Blank casing diameter 2 in. to 180 ft. Dia in. to ft. Dia in. to ft.
Casing height above land surface 12 in., weight lbs./ft. Wall thickness or gauge No. Schedule 40
TYPE OF SCREEN OR PERFORATION MATERIAL:
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify)
12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
7 Torch cut 10 Other (specify)
SCREEN-PERFORATED INTERVALS: From 180 ft. to 190 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 15 ft. to 190 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 5 ft. to 15 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 ABANDONED
Direction from well East How many feet? 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	4	Top Soil			
4	8	Clay-Gray			
8	16	Clay-Brown			
16	3501	Clay-Buff			
35	3907	Sand-Fine			
39	44	Clay-Buff			
44	5001	Clay-Gray			
50	8104	Sand-small layers of clay			
81	10901	Clay-Gray			
109	18700	Sand-Medium			
187	19019	Shale-Gray & Green			

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) 11-2-1984 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 138 This Water Well Record was completed on (mo/day/yr) 3-14-85 under the business name of Peterson Irrigation, Inc. by (signature) Mike Peterson

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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

State of Kansas . . . John Carlin, Governor

DEPARTMENT OF HEALTH AND ENVIRONMENT

Barbara J. Sabol, *Secretary*

Forbes Field
Topeka, Kansas 66620
913-862-9360



December 2, 1985

Howard O'Connor
Kansas Geological Survey
1930 Avenue "A", Campus West
University of Kansas
Lawrence, Kansas 66044

Dear Mr. O'Connor:

Enclosed is a copy of a Water Well Record. Please note the corrected legal description which should read SE $\frac{1}{4}$, SW $\frac{1}{4}$, SW $\frac{1}{4}$ of Section 2, Township 20 South, Range 4 West, of McPherson County.

Please make the changes on your copy of the Water Well Record.

Sincerely,

Meredith S. Wilson

Meredith S. Wilson
Environmental Technician
Bureau of Oil Field and
Environmental Geology

cc: Division of Water Resources
Darrel Plummer

Enclosures

*Orig WWC-5 corrected
Dec 4, 1985 - H.S.O.*

Subject: WWC-5 Monitoring Well Correction

From: Mike Dealy <mdealy@kgs.ku.edu>

Date: Mon, 07 Mar 2011 14:42:16 -0600

To: Dan Suchy <dsuchy@kgs.ku.edu>

CC: Deb Stewart <dstewart@kgs.ku.edu>

Hi Dan,

While responding to an inquiry about monitoring wells in McPherson County, I noticed that the following well <http://www.kgs.ku.edu/Hydro/WWC5/W/20S4/38912.pdf>, was submitted correctly to KDHE on the WWC-5, then erroneously changed by KDHE from Section 11 to Section 2.

I remember this monitoring well drilled by Range Oil Co, because the GMD2 requested the company install it, due to a drilling mishap while drilling the Walker B #1 in Section 11.

The correct location of the monitoring well was the location originally shown on the WWC-5. Please contact me if you have any questions or need additional information.

Mike

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Michael (Mike) T. Dealy, L.G.
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Kansas Geological Survey
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Wichita, Kansas 67209
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mdealy@kgs.ku.edu

Visit the Wichita office website:
www.kgs.ku.edu/General/wichitaMap.html