

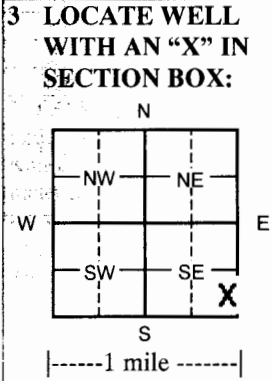
WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No. 20100016

1 LOCATION OF WATER WELL: Fraction Section Number 4 Township Number T 6 S Range Number R 24 E W
 County: **Graham**
 Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here **Global Positioning System (GPS) information:**
 Latitude: _____ (in decimal degrees)
 Longitude: _____ (in decimal degrees)
 Elevation: _____
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model: _____)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: Dean Jamison
 RR#, St. Address, Box # : 3899 190 th Ave
 City, State, ZIP Code : Lenora, KS 67645



4 DEPTH OF COMPLETED WELL 200 ft.
 Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft.
 WELL'S STATIC WATER LEVEL NA ft. below land surface measured on mo/day/yr
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 EST. YIELD _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes No
 If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other
 CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 4.5 in. to 160 ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft.
 Casing height above land surface 18 in., Weight 2.38 lbs./ft. Wall thickness or gauge No. .248
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify) _____
 Brass Galvanized Steel None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 Continuous Slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 160 ft. to 160 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 160 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals From 0 ft. to 20 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well None
 Direction from well _____ Distance from well _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	Surface	200	202	Flint
2	26	Loess	202	210	Flint w/yellow strks
26	38	Caliche w/sandstone strks	210	220	Yellow ochre
38	53	Fine sand w/caliche lenses			
53	86	Caliche w/sandstone strks & clay lenses			
86	95	Fine to some med sand w/caliche & clay lenses			
95	116	Fine sand w/caliche strks & clay lenses			
116	136	Caliche w/sand strks & clay lenses			
136	155	Fine sand w/caliche strks			
155	200	Fine sand w/clay strks & caliche lenses			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 1/15/10 and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 554 or 783. This Water Well Record was completed on (mo/day/year) 1-21-10
 under the business name of Woofter Pump & Well Inc. by (signature) _____

INSTRUCTIONS: Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

H & C OIL OPERATING, INC.
P.O. Box 86
Plainville, KS 67663
785-434-7434 Phone/Fax

COPY

Water Well

I John David hereby after this date June 1, 2010 or
after H & C Oil Operating, Inc. moves off (well name) Jamison
Sec. 4 T. 6S R. 24W. County Graham State Kansas takes all and
full responsibilities of water well drilled on lease.

Drilled for the purpose of supplying H & C Oil Operating, Inc. with water to drill
above said lease.

Signed: John David
LAND OWNER

Signed: Charles R Ramsey
H & C Oil Operating Representative



Mark Parkinson, Governor
Roderick L. Bremby, Secretary

DEPARTMENT OF HEALTH
AND ENVIRONMENT

www.kdheks.gov

Division of Environment

July 14, 2010

COPY

WOOFER PUMP & WELL INC
1024 OAK
HOXIE, KS 67740

Re: Appropriation of Water, Application Number 20100016 00

Dear Sir/Madam:

The Division of Water Resources, Kansas Department of Agriculture (DWR) has notified the Kansas Department of Health and Environment (KDHE) the above described Temporary Permit has been issued. The Temporary Permit originally authorized the use of groundwater to be withdrawn by means of the water supply well located as described below:

1 well located in the SE SE SE of SECT 4, T6S, R24W, Graham County, Kansas.

Temporary Permits are issued for a duration of 6 months by the DWR. After the Temporary Permit expires KDHE considers the water well abandoned and Kansas Administrative Regulation (K.A.R.) 28-30-7(a) requires abandoned water wells to be plugged or caused to be plugged by the landowner. Once a water well has been plugged, K.A.R. 28-30-4 requires a plugging report (Form WWC-5 or WWC-5 "P") to be completed and returned to KDHE.

Please answer the following question concerning the water well. Sign on the signature line and return this letter to: KDHE, Attn: Geology Section, Bureau of Water, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367 within two weeks from the date of this letter. If this form is not returned within two weeks, this may result in a follow-up by KDHE to determine the status of the well. If you have questions or need assistance with the form please contact Richard Harper at (785) 296-3565 or by e-mail at rharper@kdheks.gov.

Sincerely,

Richard Harper, LG
Water Well Unit Chief
Geology Section/Bureau of Water

cc: KDHE
NWDO
Graham 1

RECEIVED
JUL 28 2010
BUREAU OF WATER

DIVISION OF ENVIRONMENT
Bureau of Water
CURTIS STATE OFFICE BUILDING, 1000 SW JACKSON ST., STE 420, TOPEKA, KS 66612-1367
Voice 785-296-5524 Fax 785-296-5509 <http://www.kdheks.gov/geo>
Printed on Recycled Paper

Water Well Question

COPY

Will the water well mentioned above be plugged by you after the Permit expires?
(please circle) Yes or No

If you circled No, please explain.

Oil Co. transferred well to landowner.

Please sign this form and return to KDHE at the above address. Your telephone number would be appreciated in case we need to contact you.

Signature: *Karen Deibert*

Name Printed: Karen Deibert

Telephone No. 785-675-3991

RH:db

Temp

R:\Geology\Final DWR-GS Database 2010\Temp Permit Merge 1.cncr

WOOFER PUMP & WELL INC
File No: 20100016 00
SE SE SE of SECT 4, T6S, R24W, Graham County, Kansas