

County: Hodgeman Fraction NE NW NE Sec. 15 T 22 S R 23 E/W

CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5)
(to rectify lacking or incorrect information)

Owner: Tug Hill Oper. LLC

Location was listed as:

Section-Township-Range: 15-22 S-23 W

Fraction (1/4 1/4 1/4): None Given

Location changed to:

15-22 S-23 W

NE NW NE

Other changes: Initial statements: written directions unclear.

Changed to: From Jetmore: 3 mi. E. on Hwy 156, 4 mi. N. on NE 221 Rd, 0.75 mi. E. on NE Q Rd, S. into field.

Comments: _____

Verification method: Written & legal descriptions, location of associated oil well listed in KGS database, position on plat map, and mapping tool on KGS website. initials: DRJ date: 11/2/2012

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.

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: HODGEMAN, CO	Fraction 1/4 1/4 1/4 1/4	Section Number 15	Township No. T 22 S	Range Number R 23 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> JETMORE, KS: E ON HWY 156 3 MILE, N ON RD 221 4 MILE, E ON RD Q 3/4 MILE LOC ON SIDE		Global Positioning System (GPS) information: Latitude: (in decimal degrees) Longitude: (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
2 WATER WELL OWNER: TUG HILL OPER LLC RR#, Street Address, Box #: 126 S MAIN ST. City, State, ZIP Code : PRATT KS 67124				

3 LOCATE WELL WITH AN "X" IN SECTION BOX: N <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px;">NW</td> <td style="border: 1px solid black; padding: 5px;">NE</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">SW</td> <td style="border: 1px solid black; padding: 5px;">SE</td> </tr> </table> E S ----- 1 mile -----	NW	NE	SW	SE	4 DEPTH OF COMPLETED WELL 340 ft. Depth(s) Groundwater Encountered (1) .34 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 34 ft. below land surface measured on mo/day/yr. 10-23-12 Pump test data: Well water was 250 ft. after 1 hours pumping. 100 gpm EST. YIELD 100 gpm. Well water was ft. after hours pumping gpm Bore Hole Diameter 10 3/4 in. to 340 ft., and in. to ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input checked="" type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted Water well disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
NW	NE				
SW	SE				

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter .6" in. to 340 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 24 in., Weight 4.074 lbs./ft., Wall thickness or gauge No. SDR 21-316

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 240 ft. to 340 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 180 ft. to 340 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 1 ft. to 25 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

Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	SURFACE			
2	12	TAN CLAY			
12	18	YELLOW CLAY			
18	36	BLUE CLAY			
36	239	BLACK CLAY			
239	247	CLAY/SAND STONE STREAKS			
247	327	SANDSTONE			
327	340	SAND/CLAY STREAKS			

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) 10-23-12 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 430 This Water Well Record was completed on (mo/day/year) 10-23-12 under the business name of Howard Ding Co Box 806 Beaver Ok 73932.. by (signature) *Howard Ding*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. 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 785-296-5524. Send one copy 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>.