

County: Harper Fraction W2 SE SW SW Sec. 16 T 34 S R 7 (E/W)

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

Owner: Shell Oil Co.

Location was listed as:

Section-Township-Range: 16-34S-7W

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

Location changed to:

16-34S-7W

W2 SE SW SW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

Verification method: written & legal descriptions, records in KGS database for associated oil wells, and mapping tool & aerial photos on KGS website. initials: DRA date: 7/5/2013

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: Harper	Fraction 1/4 1/4 1/4 1/4	Section Number 16	Township No. T 34 S	Range Number R 7 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .
from Anthony S on 179Hwy 6.4m, turn R on SW60RD go W 4m to SW40 Ave, go 1.2m N to entr

2 WATER WELL OWNER: Shell Oil Co./K aup 3407-16 MW#1
RR#, Street Address, Box #: P.O. Box 301440
City, State, ZIP Code : Houston, TX 77230-1440

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

3 LOCATE WELL WITH AN "X" IN SECTION BOX:
N

--NW--	--NE--		
--SW--	--SE--		

S
-----1 mile-----

4 DEPTH OF COMPLETED WELL 38..... ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 25..... ft. below land surface measured on mo/day/yr. 12/12/12.....
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 6.1/4..... in. to .40.....ft., andin. toft.
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 .2..... in. to .18..... ft., Diameter in. to ft.
Casing height above land surface .32..... in., Weightlbs./ft., Wall thickness or gauge No.

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 .38..... ft. to .18..... ft., From ft. to ft.
From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From .38..... ft. to .16..... 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 .16..... ft. to 0..... 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	5	Red Clay			
5	10	Red Clay			
10	15	Red Clay/Blue Clay			
15	20	Red Clay/little Sand			
20	26	Red Clay/Cheep/Blue Clay			
26	30	Red Clay/Cheep			
30	40	Red Clay			

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) .12/12/12..... and this record is true to the best of my knowledge and belief.
Kansas Water Well Contractor's License No. 665..... This Water Well Record was completed on (mo/day/year) 01/04/13.....
under the business name of Pratt Well Service, Inc..... by (signature).....

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>.