

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources; App. No.

20100161

<b>1 LOCATION OF WATER WELL:</b> County: Seward	Fraction NE ¼ SW ¼ SE ¼	Section Number 15	Township Number T 34 S	Range Number R 31 E/W
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Distance and direction from nearest town or city street address of well if located within city? Liberal: Apprx. 11 NE on 54 to road going E past Cim. River bridge--6½ E & S to C/

**Global Positioning Systems** (decimal degrees, min. of 4 digits)  
 Latitude: \_\_\_\_\_  
 Longitude: \_\_\_\_\_  
 Elevation: \_\_\_\_\_  
 Datum: \_\_\_\_\_  
 Data Collection Method: \_\_\_\_\_

**2 WATER WELL OWNER:** Noble Energy  
 RR#, St. Address, Box # : P.O. Box 937  
 City, State, ZIP Code : Canadian, TX 79014-0937

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

N			
--NW--			--NE--
W			E
--SW--			--SE--
S			

**4 DEPTH OF COMPLETED WELL** ..... 65 ..... ft.

Depth(s) Groundwater Encountered (1)..... 7 ..... ft. (2)..... ft. (3)..... ft.  
 WELL'S STATIC WATER LEVEL..... 7 ..... ft. below land surface measured on mo/day/yr. 4-14-10  
 Pump test data: Well water was... 17 ..... ft. after..... 1 ..... hours pumping..... 90 ..... gpm  
 Est. Yield... 90 ..... gpm: Well water was..... ft. after..... hours pumping..... gpm  
 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 Domestic (lawn & garden) 10 Monitoring 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 CASING USED:**

1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)	CASING JOINTS: Glued.. <u>X</u> ..... Clamped.....
<u>2</u> PVC	4 ABS	7 Fiberglass		Welded.....
				Threaded.....

Blank casing diameter ..... 6 ..... in. to ..... 20 ..... ft., Diameter. .... in. to ..... ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface..... 24 ..... in., Weight ..4.075..... lbs./ft. Wall thickness or gauge No. SDR. 21. 316.....

**TYPE OF SCREEN OR PERFORATION MATERIAL:**

1 Steel	3 Stainless Steel	5 Fiberglass	<u>7</u> PVC	9 ABS	11 Other (Specify) .....
2 Brass	4 Galvanized Steel	6 Concrete tile	8 RM (SR)	10 Asbestos-Cement	12 None used (open hole)

**SCREEN OR PERFORATION OPENINGS ARE:**

1 Continuous slot	3 Mill slot	5 Gauzed wrapped	7 Torch cut	9 Drilled holes	11 None (open hole)
2 Louvered shutter	4 Key punched	6 Wire wrapped	<u>8</u> Saw cut	10 Other (specify) .....	

**SCREEN-PERFORATED INTERVALS:** From..... 20 ..... ft. to ..... 60 ..... ft., From ..... ft. to ..... ft.  
 From..... ft. to ..... ft., From ..... ft. to ..... ft.

**GRAVEL PACK INTERVALS:** From..... 10 ..... ft. to ..... 60 ..... 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	4 Lateral lines	7 Pit privy	10 Livestock pens	13 Insecticide storage	16 Other (specify below)
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage	14 Abandoned water well	
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage	<u>15</u> Oil well/gas well	

Direction from well? ..... Southeast ..... How many feet? ..... 250 .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	Topsoil			
5	9	Sandy clay			
9	52	Course loose sand			
52	65	Blue clay			

**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) 4-14-10 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KWCLL 430. This Water Well Record was completed on (mo/day/year) 4-14-10 under the business name of Howard Drilling Box 806 Beaver, Ok 75922 Signature: [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. Visit us at <http://www.kdheks.gov/waterwell/index.html>.