

Rector #2

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

2007 0194

1 LOCATION OF WATER WELL:		Fraction <u>SE SW</u>	Section Number <u>212</u>	Township Number <u>T 34 S</u>	Range Number <u>R 38 E/W</u>
County: <u>Stevens</u>		SW $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>SW</u>	Global Positioning Systems (decimal degrees, min. of 4 digits)		
Distance and direction from nearest town or city street address of well if located within city? <u>Hwy 136 & KS stateline: N on 136 3 Mi to 2nd St., 4 E to Rd 9, N 4 to Rd H, E .3 to barn</u>		Latitude: _____			
2 WATER WELL OWNER: <u>Devon Energy Corp.</u>		Longitude: _____			
RR#, St. Address, Box # : <u>20 N Broadway Ste 1500</u>		Elevation: _____			
City, State, ZIP Code : <u>Oklahoma City, OK 73102</u>		Datum: _____			
		Data Collection Method: _____			

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL <u>460</u> ft.				
<div style="text-align: center;">N</div> <table border="1"> <tr> <td>-- NW --</td> <td>-- NE --</td> </tr> <tr> <td>-- SW --</td> <td>-- SE --</td> </tr> </table> <div style="text-align: center;">S</div>	-- NW --	-- NE --	-- SW --	-- SE --	Depth(s) Groundwater Encountered (1)..... <u>209</u> ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... <u>209</u> ft. below land surface measured on mo/day/yr. <u>6-04-07</u> Pump test data: Well water was..... <u>229</u> ft. after..... <u>1</u> hours pumping..... <u>100</u> gpm Est. Yield..... <u>100</u> 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 <u>6</u> 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 <u>X</u>; If yes, mo/day/yr Sample was submitted..... Water well disinfected? Yes <u>X</u> No
-- NW --	-- NE --				
-- SW --	-- SE --				

5 TYPE OF CASING USED:	5 Wrought Iron	8 Concrete tile	CASING JOINTS: Glued... <u>X</u> Clamped.....
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
<u>2</u> PVC	4 ABS	7 Fiberglass	Welded.....
Blank casing diameter <u>6</u> in. to <u>380</u> ft., Diameter..... in. to ft., Diameter..... in. to ft.		Threaded.....	
Casing height above land surface..... <u>24</u> in., Weight..... <u>4.074</u> lbs./ft.		Wall thickness or gauge No <u>SDR 21</u> <u>316</u>	
TYPE OF SCREEN OR PERFORATION MATERIAL:			
1 Steel	3 Stainless Steel	5 Fiberglass	<u>7</u> PVC
2 Brass	4 Galvanized Steel	6 Concrete tile	8 RM (SR)
SCREEN OR PERFORATION OPENINGS ARE:		9 ABS	11 Other (Specify)
1 Continuous slot	3 Mill slot	5 Guazed wrapped	7 Torch cut
2 Louvered shutter	4 Key punched	6 Wire wrapped	<u>8</u> Saw Cut
SCREEN-PERFORATED INTERVALS: From..... <u>380</u> ft. to <u>460</u> ft., From..... ft. to ft.		10 Asbestos-Cement	12 None used (open hole)
GRAVEL PACK INTERVALS: From..... <u>300</u> ft. to <u>460</u> ft., From..... ft. to ft.			
		From..... ft. to ft., From..... ft. to ft.	

6 GROUT MATERIAL: <u>1</u> Neat cement	2 Cement grout	3 Bentonite	<u>4</u> Other <u>hole plug</u>
Grout Intervals: From <u>1</u> ft. to <u>25</u> 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
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer Storage
Direction from well?		How many feet?	
		13 Insecticide Storage	16 Other (specify below)
		14 Abandoned water well	
		15 Oil well/gas well	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Clay	178	213	Clay/sandy clay
3	28	Clay/sandy clay	213	227	Sand/sandy clay
28	50	Clay	227	243	Sand/sandy clay
50	59	Sandy clay/gravel	243	260	Sand with clay streaks
59	68	Clay	260	295	Sand
68	80	Course sand	295	310	Sandy clay
80	86	Medium gravel	310	325	Sand 381-400 Sand/clay streaks
86	104	Clay	325	340	Sand with clay streaks
104	131	Clay iwth rock streaks	340	379	Sand 400-450 Sand
131	178	Caliche clay	379	381	Clay 450-460 Sand/blue clay streaks

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) 6-04-07 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KWCL 430 This Water Well Record was completed on (mo/day/year) 6-04-07 under the business name of Howard Drilling Box 806 Beaver, Okla 73932 (Signature) Howard Drilling

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underlining 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.kdhe.state.ks.us/geo/waterwells>.