

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

2007 0088

1 LOCATION OF WATER WELL: County: <u>Morton</u>		Fraction <u>NW 1/4 NE 1/4 NE 1/4</u>	Section Number <u>20</u>	Township Number <u>T 33 S</u>	Range Number <u>R 39 E</u> <u>W</u>										
Distance and direction from nearest town or city street address of well if located within city? <u>Rolla, KS: 3.3 North on Hwy 51</u> <u>2.7 East on Rd. N South into</u>			Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>N 37.10132</u> Longitude: <u>W 101.34472</u> Elevation: <u>3223</u> Datum: _____ Data Collection Method: _____												
2 WATER WELL OWNER: EOG Resources Inc RR#, St. Address, Box # : <u>3817 NW Expressway</u> City, State, ZIP Code : <u>Oklahoma City, Ok 73112</u>															
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N <div style="display: flex; align-items: center; justify-content: center;"> <div style="margin-right: 10px;">W</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px; text-align: right;">X</td></tr> <tr><td>-- NW --</td><td>-- NE --</td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td>-- SW --</td><td>-- SE --</td></tr> <tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </table> <div style="margin-left: 10px;">E</div> </div> S			X	-- NW --	-- NE --			-- SW --	-- SE --			4 DEPTH OF COMPLETED WELL <u>340</u> ft. Depth(s) Groundwater Encountered (1)..... <u>100</u> ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... <u>100</u> ft. below land surface measured on mo/day/yr. <u>4-26-07</u> Pump test data: Well water was..... <u>135</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			
	X														
-- NW --	-- NE --														
-- SW --	-- SE --														
5 TYPE OF CASING USED: <div style="display: flex; justify-content: space-between;"> <div> 1 Steel <u>2</u> PVC Blank casing diameter <u>6</u> in. to <u>340</u> ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface.....<u>24</u>..... in., Weight.....<u>4.074</u>.....lbs./ft. Wall thickness or guage NoSDR. <u>21.316</u>..... </div> <div> 5 Wrought Iron 3 RMP (SR) 4 ABS 7 Fiberglass </div> <div> 8 Concrete tile 6 Asbestos-Cement 9 Other (specify below) Threaded..... </div> <div> CASING JOINTS: Glued...<u>X</u>... Clamped..... Welded..... </div> </div> TYPE OF SCREEN OR PERFORATION MATERIAL: <div style="display: flex; justify-content: space-between;"> <div> 1 Steel 2 Brass 1 Continuous slot 2 Louvered shutter </div> <div> 3 Stainless Steel 4 Galvanized Steel 3 Mill slot 4 Key punched </div> <div> 5 Fiberglass 6 Concrete tile 5 Guazed wrapped 6 Wire wrapped </div> <div> <u>7</u> PVC 8 RM (SR) 7 Torch cut <u>8</u> Saw Cut </div> <div> 9 ABS 10 Asbestos-Cement 9 Drilled holes 10 Other (specify) </div> <div> 11 Other (Specify) 12 None used (open hole) </div> </div> SCREEN OR PERFORATION OPENINGS ARE: <div style="display: flex; justify-content: space-between;"> <div> 1 Continuous slot 2 Louvered shutter </div> <div> 3 Mill slot 4 Key punched </div> <div> 5 Guazed wrapped 6 Wire wrapped </div> <div> 7 Torch cut <u>8</u> Saw Cut </div> <div> 9 Drilled holes 10 Other (specify) </div> <div> 11 None (open hole) </div> </div> SCREEN-PERFORATED INTERVALS: From..... <u>260</u> ft. to <u>340</u> ft., From ft. to ft. From..... ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From..... <u>190</u> ft. to <u>340</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 hole plug 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: <div style="display: flex; justify-content: space-between;"> <div> 1 Septic tank 2 Sewer lines 3 Watertight sewer lines </div> <div> 4 Lateral lines 5 Cess pool 6 Seepage pit </div> <div> 7 Pit privy 8 Sewage lagoon 9 Feedyard </div> <div> 10 Livestock pens 11 Fuel storage 12 Fertilizer Storage </div> <div> 13 Insecticide Storage 14 Abandoned water well <u>15</u> Oil well/gas well </div> <div> 16 Other (specify below) </div> </div> Direction from well? <u>Southeast</u> How many feet? <u>400</u>															
FROM TO LITHOLOGIC LOG			FROM TO PLUGGING INTERVALS												
0	2	Surface	207	224	Clay and sand streaks										
2	15	Clay	224	243	Clay										
15	26	Sandy clay	243	250	Sand										
26	44	Sand	250	257	Clay										
44	57	Sand and gravel	257	322	Sand										
57	75	Clay	322	340	Clay and streaks of sandstone										
75	128	Sandy clay													
128	137	Sand													
137	171	Sandy clay													
171	207	Clay and sandy clay													
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1)</u> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>4-26-07</u> and this record is true to the best of my knowledge and belief Kansas Water Well Contractor's License No. <u>KWWCL430</u> . This Water Well Record was completed on (mo/day/year) <u>4-26-07</u> under the business name of <u>Howard Drilling CO Box 806 Beaver, OK</u> (signature) <u>Howard Drilling</u>															
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.kdhe.state.ks.us/geo/waterwells .															