

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Vergil 14#1
2011-0284

1 LOCATION OF WATER WELL: County: <u>Grant</u>		Fraction <u>NW 1/4 NW 1/4 SE 1/4</u> 1/4	Section Number <u>14</u>	Township No. <u>T 30 S</u>	Range Number <u>R 38</u> <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"/> . <u>Ulysses: Hwy 25/160 go 8 S to Rd 20 4 W on Rd 20 to RD F go 1.5 S on Rd F and W to location</u>			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: <u>EOG Resources Inc.</u> RR#, Street Address, Box #: <u>3817 NW Expressway Ste. 500</u> City, State, ZIP Code : <u>Oklahoma City, OK 73112-1483</u>																																																																							
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N <table border="1" style="width:100%; text-align: center; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table> S -----1 mile-----											4 DEPTH OF COMPLETED WELL 500 ft. Depth(s) Groundwater Encountered (1) <u>350</u> ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL <u>350</u> ft. below land surface measured on mo/day/yr. <u>6-28-11</u> Pump test data: Well water was <u>420</u> ft. after <u>1</u> hours pumping <u>9.5</u> gpm EST. YIELD <u>8.5</u> gpm. Well water was ft. after hours pumping gpm Bore Hole Diameter <u>9 3/8</u> in. to <u>500</u> 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																																																												
5 TYPE OF CASING USED: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other CASING JOINTS: <input checked="" type="checkbox"/> Glued <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input type="checkbox"/> Threaded Casing diameter <u>6</u> in. to <u>400</u> ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface <u>24</u> in., Weight <u>4.073</u> lbs./ft., Wall thickness or gauge No. <u>21.316</u> TYPE OF SCREEN OR PERFORATION MATERIAL: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: <input type="checkbox"/> Continuous slot <input type="checkbox"/> Mill slot <input type="checkbox"/> Gauze wrapped <input type="checkbox"/> Torch cut <input type="checkbox"/> Drilled holes <input type="checkbox"/> None (open hole) <input type="checkbox"/> Louvered shutter <input type="checkbox"/> Key punched <input type="checkbox"/> Wire wrapped <input checked="" type="checkbox"/> Saw cut <input type="checkbox"/> Other (specify) SCREEN-PERFORATED INTERVALS: From <u>400</u> ft. to <u>500</u> ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From <u>210</u> ft. to <u>500</u> ft., From ft. to ft. From ft. to ft., From ft. to ft.																																																																							
6 GROUT MATERIAL: <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> 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: <input type="checkbox"/> Septic tank <input type="checkbox"/> Lateral lines <input type="checkbox"/> Pit privy <input type="checkbox"/> Livestock pens <input type="checkbox"/> Insecticide storage <input type="checkbox"/> Other (specify below) <input type="checkbox"/> Sewer lines <input type="checkbox"/> Cesspool <input type="checkbox"/> Sewage lagoon <input type="checkbox"/> Fuel storage <input type="checkbox"/> Abandoned water well <input type="checkbox"/> Watertight sewer lines <input type="checkbox"/> Seepage pit <input type="checkbox"/> Feedyard <input type="checkbox"/> Fertilizer storage <input checked="" type="checkbox"/> Oil well/gas well Direction from well <u>Southeast</u> Distance from well <u>450</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr><td>0</td><td>4</td><td>Topsoil</td><td>364</td><td>410</td><td>Sandstone and clay streaks</td></tr> <tr><td>4</td><td>72</td><td>Tan clay</td><td>410</td><td>496</td><td>Sandstone tight sand and sandy clay</td></tr> <tr><td>72</td><td>170</td><td>Clay and sandy clay</td><td>496</td><td>500</td><td>Tan blue and red clay</td></tr> <tr><td>170</td><td>225</td><td>Sandstone and sandy clay</td><td></td><td></td><td></td></tr> <tr><td>225</td><td>230</td><td>Fine sand and clay</td><td></td><td></td><td></td></tr> <tr><td>230</td><td>252</td><td>Clay</td><td></td><td></td><td></td></tr> <tr><td>252</td><td>286</td><td>Sand</td><td></td><td></td><td></td></tr> <tr><td>286</td><td>331</td><td>Sandy clay</td><td></td><td></td><td></td></tr> <tr><td>331</td><td>340</td><td>Sand</td><td></td><td></td><td></td></tr> <tr><td>340</td><td>364</td><td>Sandy clay</td><td></td><td></td><td></td></tr> </tbody> </table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	4	Topsoil	364	410	Sandstone and clay streaks	4	72	Tan clay	410	496	Sandstone tight sand and sandy clay	72	170	Clay and sandy clay	496	500	Tan blue and red clay	170	225	Sandstone and sandy clay				225	230	Fine sand and clay				230	252	Clay				252	286	Sand				286	331	Sandy clay				331	340	Sand				340	364	Sandy clay			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo/day/year) <u>6-28-11</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>KWCCL430</u> ... This Water Well Record was completed on (mo/day/year) <u>6-28-11</u> under the business name of <u>Howard Drilling Box 806 Beaver OK 73932</u> by (signature) <u>[Signature]</u>																																																																							
INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> 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 <u>constructed</u> well. Visit us at http://www.kdheks.gov/waterwell/index.html .																																																																							