

WATER WELL RECORD

Form WWC-5

Bressland 15-1 2009 0093
 Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: <u>Morton</u>	Fraction <u>SW 1/4 SE 1/4 NW 1/4</u>	Section Number <u>15</u>	Township Number <u>T 33 S</u>	Range Number <u>R 41 E</u> W
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Distance and direction from nearest town or city street address of well if located within city? Wilburton, KS: 6.75 North on Rd 16 And East into

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

2 WATER WELL OWNER: EOG Resources Inc
 RR#, St. Address, Box # : 3817 NW Expwy, STE 500
 City, State, ZIP Code : Oklahoma City, OK 73112

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N	4 DEPTH OF COMPLETED WELL <u>240</u> ft.
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	NW	NE	SE	SW	
W	X				E
	SW	SE	SE	SW	
	S	S	S	S	

Depth(s) Groundwater Encountered (1).....122..... ft. (2)..... ft. (3)..... ft.
 WELL'S STATIC WATER LEVEL.....122..... ft. below land surface measured on mo/day/yr. 4-23-09
 Pump test data: Well water was...152...ft. after.....1..... hours pumping.....70... gpm
 Est. Yield. 70...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/yrs
 Sample was submitted..... Water well disinfected? Yes X... No X.....

5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued X Clamped.....
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded.....
2 PVC 4 ABS 7 Fiberglass Threaded.....

Blank casing diameter6..... in. to240..... ft., Diameter. in. to ft., Diameter in. to ft.
 Casing height above land surface.....24..... in., Weight4.074...lbs./ft. Wall thickness or guage No.SDR 21.316.....

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless Steel 5 Fiberglass 7 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 8 Saw cut 10 Other (specify) hole plug.....

SCREEN-PERFORATED INTERVALS: From.....160..... ft. to240..... ft., From ft. to ft.
 From..... ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From.....60..... ft. to240..... 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: From1..... ft. to25..... 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 below
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/gas well
 Direction from well? South..... How many feet? 250.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Surface			
2	76	Sandy clay			
76	152	Clay			
157	178	Sand and clay streaks			
178	230	Sand			
230	237	Sandstone and clay streaks			
237	240	Clay "red 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) 4-23-09 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KWWXL430. This Water Well Record was completed on (mo/day/year) 4-23-09 under the business name of Howard Drilling Box 806 Beaver, Okby 73932 (signature) *Howard Drilling*

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>.



KANSAS DEPARTMENT OF HEALTH & ENVIRONMENT
ASSIGNMENT OF WATER WELL TO LANDOWNER

PERMIT NO. 20090093

This agreement between EOG Resources, Inc.
3817 NW Expressway, Suite 500, Oklahoma City, OK 73112
USDA, Forest Service (Operator name and address)
Cimarron National Grassland
and P.O. Box 300, Elkhart, Kansas 67950
(Landowner name and address)

Certifies that said Landowner hereby accepts the water well drilled as a temporary source of water for an oil well drilled for Operator located approximately 2970' FSL & 3630' FEL in Section 15 Township 33S Range 41W E/W of Morton County, Kansas. Landowner hereby agrees that said water well will be for domestic use only and when no longer needed, agrees to plug the water well in accordance with the State Regulation KAR 28-30-7.

Signed this 30 day of April, 2009.

LANDOWNER: *USDA, Forest Service*

OPERATOR:

by: Joe F. Hartman 4/30/09
(Signature) (Date)

Shila Rogers 5-7-09
(Signature) (Date)

JOE F. Hartman
(Print)

By: _____
(Agent)

IF ADDITIONAL LANDOWNER:

(Signature) (Date)

(Print)