WATER WELL RECORD — Form WWC-5

Knier 28-1 — Division of Water Resources; App. No. 2010 0452

1 LOCATION OF WATER WELL: County: Stevens | Fraction: SW ¼ SW ¼ NE ¼ | Section Number: 28 | Township Number: T 33 S | Range Number: R 37 E (W)

Distance and direction from nearest town or city street address of well if located within city? Liberal: N on Hwy 83 to Hwy 51 23 W on Hwy 51 to Co Rd 13 1.2 S and west into

2 WATER WELL OWNER: RR#, St. Address, Box # : EOG Resources Inc. 3817 NW expressway Ste 500
City, State, ZIP Code : Oklahoma CIty, OK 73112-1483

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

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

N / W / E / S — NW, NE (X), SW, SE

4 DEPTH OF COMPLETED WELL ..... 560 ..... ft.

Depth(s) Groundwater Encountered (1) 224 ft. (2) ..... ft. (3) ..... ft.
WELL'S STATIC WATER LEVEL 224 ft. below land surface measured on mo/day/yr 11-24-10
Pump test data: Well water was 364 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/yrs Sample was submitted ..... Water well disinfected? Yes ..X.. No .....

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 diameter 6 in. to 560 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 21 in., Weight 4.073 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 Steal 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) .....

SCREEN-PERFORATED INTERVALS: From 440 ft. to 480 ft., From ..... ft. to ..... ft.
From 500 ft. to 560 ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 250 ft. to 560 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 (15) Oil well/gas well .....
Direction from well? Northwest How many feet? 1500

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	Topsoil	236	431	Pink red clay and rock streaks
5	17	Brown clay	431	480	Blue clay and sandstone streaks
17	37	Tan clay	480	502	Red clay
37	53	Caliche clay	502	538	Red clay and sandstone
53	60	Coarse sand	538	548	Sand
60	141	Sandy clay caliche clay	548	552	Sandy clay
141	146	Rock	552	560	Red bed
146	168	Sand .clay streaks			
168	195	Caliche clay sandy clay			
195	236	Sandy clay /sand			

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) 11-24-10 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No KWCL430. This Water Well Record was completed on (mo/day/year) 11-24-10 under the business name of Howard Drilling Box 806 Beaver, OK by (signature) Phil Howard

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.

KSA 82a-1212