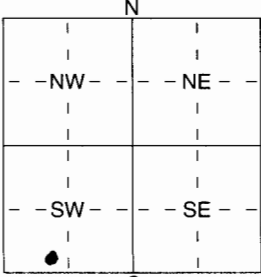


1 LOCATION OF WATER WELL: Fraction SE 1/4 SW 1/4 SW 1/4 Section Number 1 Township Number T 31 S Range Number R 10 E/W
 County: Barber

Distance and direction from nearest town or city street address of well if located within city?
3W 8N. Sharon

2 WATER WELL OWNER: Hart Energies LLC
 RR#, St. Address, Box #: 11051 So. Memorial #200
 City, State, ZIP Code: Tulsa OK 74133
 Board of Agriculture, Division of Water Resources
 Application Number: 20040209

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

 4 DEPTH OF COMPLETED WELL: 165 ft. ELEVATION:
 Depth(s) Groundwater Encountered: 1 ft. 2 ft. 3 ft.
 WELL'S STATIC WATER LEVEL: 78 ft. below land surface measured on mo/day/yr 9-16-04
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 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/yr sample was submitted
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter 5 in. to 97 ft. Dia 5 in. to 160 ft. Dia in. to ft.
 Casing height above land surface 24 in., weight 160 lbs./ft. Wall thickness or gauge No.
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 10 Asbestos-Cement
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RMP (SR) 11 Other (Specify)
 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) ft.
 SCREEN-PERFORATED INTERVALS: From 98 ft. to 102 ft. From 160 ft. to 165 ft.
 GRAVEL PACK INTERVALS: From 23 ft. to 110 ft. From 113 ft. to 165 ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From 0 ft. to 23 ft., From 110 ft. to 113 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 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage
 Direction from well? NE How many feet? 600'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	6	Dark Soil	159	164	Sand Red shale
6	11	Fine Sand.	164	165	
11	31	Sand.			
31	36	White Clay.			
36	40	Brown Clay.			
40	42	White Clay.			
42	58	Fine Sand.			
58	75	Wh. Clay.			
75	87	Fine sand.			
87	92	Sand.			
92	97	Fine sand.			
97	102	Sand.			
102	152	Brown Clay			
152	159	Fine 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) 9-16-04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 140 This Water Well Record was completed on (mo/day/yr) 10-10-04 under the business name of Lyman's Inc by (signature) Walter Lyman