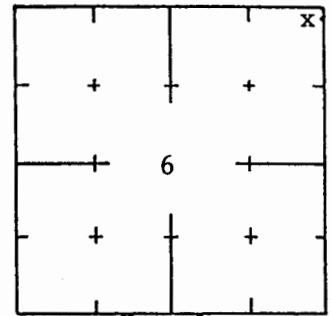


1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: Ford		NE ¼ NE ¼ NE ¼		6		T 27 S		R 24 E/W	
Distance and direction from nearest town or city street address of well if located within city? Approximately ½ mile southeast of Dodge City									
2 WATER WELL OWNER:		National Beef							
RR#, St. Address, Box # :		P.O. Box 978							
City, State, ZIP Code :		Liberal, KS 67901							
		Board of Agriculture, Division of Water Resources							
		Application Number:							
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 65' & 157' ft. ELEVATION: unknown							
		Depth(s) Groundwater Encountered 10.90 ft. 20.95 ft. 3. ft. 3-20-97							
		WELL'S STATIC WATER LEVEL 20.95 ft. below land surface measured on mo/day/yr 3-20-97							
		Pump test data: Well water was not ch'd. ft. after hours pumping gpm							
		Est. Yield unknown gpm: Well water was ft. after hours pumping gpm							
		Bore Hole Diameter 6 in. to 165 ft. and in. to ft.							
		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 Lawn and garden only 10 Monitoring well Observation							
		Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted							
		Water Well Disinfected? Yes No X							
5 TYPE OF BLANK 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 2 in. to 43 ft. Dia 2 in. to 135 ft. Dia		Casing height above land surface 24" & 24" in. weight 44 lbs./ft. Wall thickness or gauge No. .091							
TYPE OF SCREEN OR PERFORATION MATERIAL:		7 PVC 10 Asbestos-cement							
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)		2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)							
SCREEN OR PERFORATION OPENINGS ARE:		5 Gauzed wrapped 8 Saw cut 11 None (open hole)							
1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes		2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)							
SCREEN-PERFORATED INTERVALS:		From 43 ft. to 63 ft. From 135 ft. to 155 ft. From 34 ft. to 64 ft. From 83 ft. to 165 ft.							
GRAVEL PACK INTERVALS:		From 43 ft. to 63 ft. From 135 ft. to 155 ft. From 34 ft. to 64 ft. From 83 ft. to 165 ft.							
6 GROUT MATERIAL:		1 Neat cement 2 Cement grout 3 Bentonite 4 Other Bentonite Holeplug							
Grout Intervals: From 0 ft. to 34 ft. From 64 ft. to 83 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 None known							
Direction from well?		How many feet?							
FROM	TO	LITHOLOGIC LOG		FROM	TO	PLUGGING INTERVALS			
0	2	Topsoil		97	155.5	Sand and gravel, coarse, medium, fine			
2	21	Sand and gravel, medium, fine, loose, clean		155.5	165	Shale, black, hard			
21	37	Clay, tan, hard		NOTE: SEE ATTACHED WELL RECORD FOR DETAILS					
37	63	Sand and gravel, coarse, medium, fine, loose, clean							
63	73	Clay, tan, hard, sandy							
73	76	Sand and gravel, medium and fine, loose, clean							
76	77	Clay, tan, hard							
77	79	Sand and gravel, medium and fine							
79	86	Clay, tan, hard							
86	88	Sand and gravel, medium, fine, loose, clean							
88	97	Clay, tan, hard							
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) 3-19-97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 185 This Water Well Record was completed on (mo/day/yr) 3-27-97 under the business name of Clarke Well & Equipment, Inc. by (signature)									

CLARKE WELL & EQUIPMENT, INC.

WELL RECORD DESIGN & CONSTRUCTION SHEET



JOB NUMBER 3818
 WELL OWNER National Beef WELL NO. 1-97
 WELL USE Observation APPROPRIATION NO.
 LOCATION NE 1/4 NE 1/4 NE 1/4, SECTION NO. 6
 T 27 S, R 24 W/E Ford COUNTY Kansas
 FSL, FEL State

100' south and 520' west of the NE corner of Section 6

SIZE HOLE 6 "DIA.

SIZE CASING 2 " DIA. .091 WALL; WT. .44 LBS/FT PVC MATERIAL

SIZE SCREEN 2 " DIA. WALL PVC MATERIAL .040 Mill SLOT/ HOLES

FORMATION LOG. From test no. from to			Formation Thickness	From ground level	From	To	Ftg.
0	2	Topsoil		SHALLOW SETTING			
2	21	Sand and gravel, medium, fine, loose, clean		Casing	0	43	43
				Screen	43	63	20
21	37	Clay, tan, hard		CASING LEFT ABOVE GROUND			2
37	63	Sand and gravel, coarse, medium, fine, loose, clean		TOTAL CASING AND SCREEN			65
				SWL 10.90 (3-20-97)			
63	73	Clay, tan, hard, sandy		DEEP SETTING			
73	76	Sand and gravel, medium and fine, loose, clean		Casing	0	135	135
				Screen	135	155	20
76	77	Clay, tan, hard		CASING LEFT ABOVE GROUND			2
77	79	Sand and gravel, medium and fine		TOTAL CASING AND SCREEN			157
79	86	Clay, tan, hard		SWL 20.95 (3-20-97)			
86	88	Sand and gravel, medium, fine, loose, clean		CLUSTER WELL			
88	97	Clay, tan, hard					
97	155.5	Sand & gravel, coarse, medium, fine		CASING LEFT ABOVE GROUND			
155.5	165	Shale, black, hard		TOTAL CASING & SCREEN			

STATIC WATER LEVEL CHLORINATE None QUANTITY USED
 From ground level

GRAVEL PACK

ANNULAR SEAL

34 TO 64 0 TO 34 Bentonite Holeplug
83 TO 165 64 TO 83 Bentonite Holeplug

WHAT IS THE NEAREST SOURCE OF POSSIBLE CONTAMINATION None known

DIRECTION FROM WELL HOW MANY FEET

DESIGNED BY DRILLED BY Edward Cass DATE 3-19-97