

1 LOCATION OF WATER WELL: Fraction SE 1/4 SE 1/4 NE 1/4 Section Number 19 Township Number T 34 S Range Number R 33 E
 County: Seward
 Distance and direction from nearest town or city street address of well if located within city? From Liberal appx 1/2 miles North **Global Positioning System** (decimal degrees, min. of 4 digits)
 Latitude: 37.07634
 Longitude: 100.94111
 Elevation: 2891
 Datum: _____
 Data Collection Method: _____

2 WATER WELL OWNER: City Of Liberal
 RR#, St. Address, Box # : 325 N. Washington
 City, State, ZIP Code : Liberal Ks 67905

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

N	
NW	NE
SW	SE
S	

4 DEPTH OF COMPLETED WELL 627 ft.
 Depth(s) Groundwater Encountered 1 _____ ft. 2 _____ ft. 3 _____ ft.
 WELL'S STATIC WATER LEVEL 173 ft. below land surface measured on mo/day/yr 9/4/08
 Pump test data: Well water was 218 ft. after 4 hours pumping 900 gpm
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 WELL WATER TO BE USED AS: 5 _____ 8 Air conditioning 11 Injection well
 1 Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Public Water Supply
 Was a chemical/bacteriological sample submitted to Department? Yes X No _____; If yes, mo/day/yr
 Sample was submitted _____ Water Well Disinfected? Yes x No _____

5 TYPE OF CASING USED: 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought Iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
 CASING JOINTS: Glued _____ Clamped _____ Welded _____ X Threaded _____
 Blank casing diameter 16 in. to 627 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 16 in., Weight 62 lbs./ft. Wall thickness or gauge No. 375

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RM (SR) 9 ABS 10 Asbestos-Cement 11 Other (specify) 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauze wrapped 6 Wire wrapped 7 Torch cut 8 Saw Cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 220 ft. to 326 ft. From 406 ft. to 452 ft.
 From 476 ft. to 562 ft. From 580 ft. to 620 ft.
GRAVEL PACK INTERVALS: From 202 ft. to 627 ft. From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals From 0 ft. to 192 ft. From 192 ft. to 202 ft. From _____ ft. to _____ ft.
 What is the nearest source of possible contamination: None Observed
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide Storage 14 Abandoned water well 15 Oil well/ gas well 16 Other (specify below)

Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Top soil			
2	20	Clay and Sand			
20	50	Sand fine few clay			
50	90	Cemented sand few clay			
90	120	Sand fine to med w/ledges			
120	161	Clay w/ lime rock			
161	179	Clay w/ lime rock			
179	190	Sand fine w/clay			
190	202	Cemented sand w/lime rock			
202	220	Sand fine to med coarse w/gravel			
220	250	Sand fine to med coarse w/clay			
250	265	Sand fine to med coarse w/gravel			
265	279	Sand fine to med coarse w/clay			
279	304	Sand fine w/ thin clay			
304	315	Clay w/ sand			
315	320	Sand fine			

320	343	Clay			
343	375	Clay w/limerock			
375	406	Clay w/sand			
406	430	Sand fine			
430	453	Sand fine w/clay			
453	540	Clay w/tight sand			
540	561	Sand fine			
561	579	Clay sticky			
579	620	Sand fine tight clay			
620	630	Red Bed			

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) 8/15/08 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145. This Water Well Record was completed on (mo/day/year) 10/08/08 under the business name of Henkle Drilling & Supply Co, Inc. by (signature) Brian J. Richman.

INSTRUCTIONS: Please fill in blanks 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>.