

1 LOCATION OF WATER WELL: County: Stevens Fraction: SW 1/4 NW 1/4 SW 1/4 Section Number: 3 Township Number: T 34 S Range Number: R 38W E/W Distance and direction from nearest town or city street address of well if located within city? Hugoton, Kansas - 3 3/4 miles South - 4 3/4 miles West into location.

2 WATER WELL OWNER: Mrs. T.V. Bentley Mobil Oil Corp./Unit 19 Board of Agriculture, Division of Water Resources Application Number: T 88-344 RR#, St. Address, Box #: 913 S. Van Buren City, State, ZIP Code: Hugoton, Kansas

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: [Diagram showing a 36-section grid with 'X' in the SW section] 4 DEPTH OF COMPLETED WELL: 380 ft. ELEVATION: 170 ft. Depth(s) Groundwater Encountered: 1. 170 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL: 170 ft. below land surface measured on mo/day/yr: 07/15/88 Pump test data: Well water was 204 ft. after 2 hours pumping 100 gpm Est. Yield: 100 gpm Well water was ft. after hours pumping gpm Bore Hole Diameter: 11 in. to 380 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 Observation 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 Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded Threaded 7 Fiberglass Blank casing diameter: 6.625 in. to 300 ft. Dia in. to ft. Dia in. to ft. Casing height above land surface: 28 in. weight 3.71 lbs./ft. Wall thickness or gauge No. 280 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) 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 300 ft. to 380 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 22 ft. to 110 ft. From 120 ft. to 380 ft. From ft. to ft. From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From 0 ft. to 2 ft. From 2 ft. to 22 ft. From 110 ft. to 120 ft. What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below) 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Direction from well? Southeast How many feet? 165'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Surface	360	380	5% Clay - 95% Med. to large sand
2	42	Sandy Clay			
42	50	Fine Sand			
50	76	Sandy Clay			
76	98	Med. to large sand			
98	142	Sandy Clay			
142	170	90% Med. to large sand - 10% Sandy Clay			
170	250	Sandy Clay			
250	262	Fine Sand			
262	320	Sandy Clay			
320	330	10% Clay - 90% Med. to large sand			
330	360	10% Clay - 90% Med. to large 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) 07/15/88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 118 This Water Well Record was completed on (mo/day/yr) 07/19/88 under the business name of Carlile Water Well Service, Inc. by (signature)