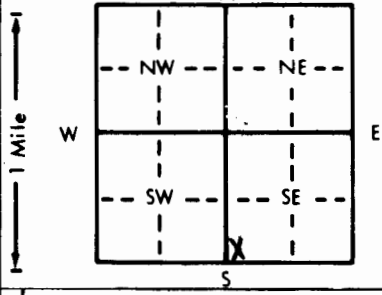


1 LOCATION OF WATER WELL: County: Seward Fraction SW 1/4 SW 1/4 SE 1/4 Section Number 29 Township Number T 34 S Range Number R 32 E/W

Distance and direction from nearest town or city street address of well if located within city? From Liberal, go 2mi Northeast on Hwy 54 then 2 3/4 mi East on County Road South to location.

2 WATER WELL OWNER: Courtney Brown Oil Company Tucker Production Board of Agriculture, Division of Water Resources RR#, St. Address, Box #: 1713 N. Calbourn Liberal, Kansas 67901 Application Number: T -82-70

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



4 DEPTH OF COMPLETED WELL: 280 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 115 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL: 165 ft. below land surface measured on mo/day/yr 2/11/82 Pump test data: Well water was ft. after hours pumping gpm Est. Yield 60 gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter 9 in. to 280 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; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes 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 7 Fiberglass Threaded

Blank casing diameter 5 in. to 220 ft., Dia in. to ft., Dia in. to ft. Casing height above land surface 28 in., weight 2.78 lbs./ft. Wall thickness or gauge No. 256 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) 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)

SCREEN-PERFORATED INTERVALS: From 220 ft. to 280 ft., From ft. to ft. GRAVEL PACK INTERVALS: From 100 ft. to 280 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From 0 ft. to 10 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 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? Northeast of water well. How many feet? 100'

Table with columns FROM, TO, LITHOLOGIC LOG. Rows: 0-2 surface, 2-93 sandy clay, 93-165 medium to large sand, 165-183 sandy clay, 183-270 medium to large sand, 270-280 fine sand.

Table with columns FROM, TO, LITHOLOGIC LOG. Rows: 0-2 surface, 2-93 sandy clay, 93-165 medium to large sand, 165-183 sandy clay, 183-270 medium to large sand, 270-280 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) February 11, 1982 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) February 26, 1982 under the business name of Carlile Water Well Service, Inc. by (signature) Edward E. Means

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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.