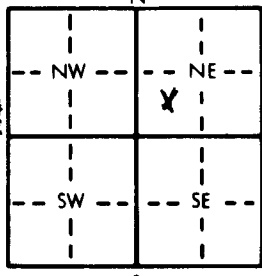


1 LOCATION OF WATER WELL: Fraction 1/4 C-SW 1/4 NE 1/4 Section Number 16 Township Number T 33 S Range Number R 34 EW
 County: Seward

Distance and direction from nearest town or city street address of well if located within city: From Liberal go 9mi North 5 1/2mi West 1/2mi North to location.

2 WATER WELL OWNER: Anadarko Production
 RR#, St. Address, Box #: c/o Paul Gatlin Box 351
 City, State, ZIP Code: Liberal, Kansas 67901
 Board of Agriculture, Division of Water Resources
 Application Number: T 81-479

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

 4 DEPTH OF COMPLETED WELL: 280 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 170 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 110 ft. below land surface measured on mo/day/yr July 20, 1981
 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 Gess. 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

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	27	clay			
27	48	fine sand			
48	122	clay			
122	137	caliche			
137	183	medium to large sand			
183	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) July 20, 1981 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) July 30, 1981 under the business name 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.

OFFICE USE ONLY
T 33 R 34 EW SEC. 16