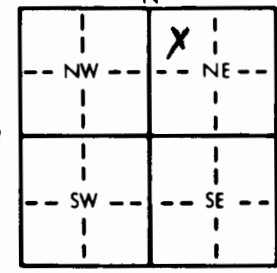


1 LOCATION OF WATER WELL: Fraction **1/4 NW 1/4 NE 1/4** Section Number **27** Township Number **T 33 S** Range Number **R 32 EW**
 County: **Seward**

Distance and direction from nearest town or city street address of well if located within city? **From Liberal go North on Hwy 83 to Cimarron River Bridge go East 4 miles 4 1/2 mi South go Southeast to location.**

2 WATER WELL OWNER: **Arkalon Grazing Association Mid-Western Exploration**
 RR#, St. Address, Box #: **RFD** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **Liberal, Kansas 67901** Application Number: **T 85-292**

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: **206** ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. **174** ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL **32** ft. below land surface measured on mo/day/yr **3/23/85**
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield **80** gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter **9** in. to **206** 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
 2 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter **5** in. to **100** ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface **28** in., weight **2.85** lbs./ft. Wall thickness or gauge No. **.265**

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)

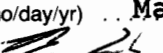
SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From **40** ft. to **120** ft., From ft. to ft.
 From **180** ft. to **206** ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From ft. to ft., From ft. to 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 **26** ft. to **206** ft., From **?** ft. to **?** ft., From ft. to 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? **Northeast of water well.** How many feet? **100'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	17	sandy clay			
17	50	40% med. to large sand & 60% gravel			
50	73	sandy clay			
73	105	med. to large sand with clay streaks			
105	136	sandy clay			
136	158	white fine sand			
158	174	blue clay			
174	179	gravel			
179	206	sandy clay			

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) **March 23, 1985** 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) **March 29, 1985** under the business name of **Carlile Water Well Service, Inc.** by (signature) 

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.