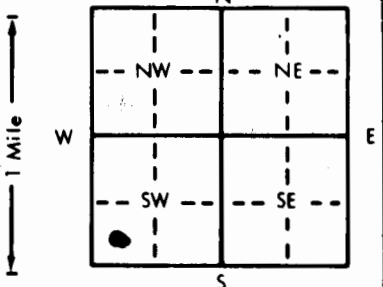


1 LOCATION OF WATER WELL: Fraction $\frac{1}{4}$ C/SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section Number 30 Township Number T 34S S Range Number R 34W E/W

Distance and direction from nearest town or city street address of well if located within city?
 7 west of Liberal, KS and north

2 WATER WELL OWNER: Southland Royalties
 RR#, St. Address, Box #: Box 966 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Hooker, OK 73945 Application Number: T83 681

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



4 DEPTH OF COMPLETED WELL... 420 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL . . . 15.0 . . . ft. below land surface measured on mo/day/yr
 Pump test data: Well water was . . . 17.5 . . . ft. after . . . 1 . . . hours pumping . . . 130 . . . gpm
 Est. Yield 130 . . . gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter . . . 8. 3/4 . . . in. to ft., and in. to ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 11 Injection well
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well 12 Other (Specify below)
 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: Gued Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded

Blank casing diameter . . . 5 . . . in. to . . . 4.22 . . . ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface 24 . . . in., weight lbs./ft. Wall thickness or gauge No. . . . 258 . . .

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 . . . 340 . . . ft. to . . . 420 . . . ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From . . . 320 . . . ft. to . . . 420 . . . 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 . . . 1 . . . 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 11 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below)
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	20	Clay	380	400	Sand
20	40	Sandy Clay	400	420	10' Sand-Clay
40	80	Clay			
80	100	Sandy Clay			
100	120	Sand-Clay			
120	160	Clay			
160	200	Sandy Clay			
200	240	Clay			
240	260	Sandy Clay-5' Sand			
260	280	4' Sand-Sandy Clay			
280	300	18' Sand-Sandy Clay			
300	320	Sandy Clay-10' Sand			
320	340	10' Sand-Sandy Clay			
340	360	Sandy Clay-5' Sand			
360	380	Sandy Clay-5' 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) . . . 11-30-83 . . . and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KWWCL 430 . . . This Water Well Record was completed on (mo/day/yr) . . . 11-30-83 . . . under the business name of Howard Drilling Company by (signature) *Howard Drilling Company*

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.

DP 4025