

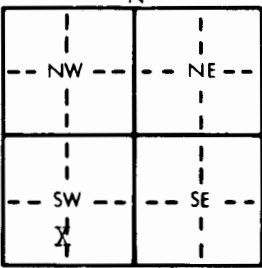
1 LOCATION OF WATER WELL: County: Stevens Fraction: Center 1/4 S. 1/4 of 1/4 S.W. 1/4 Section Number: 12 Township Number: T 32 S Range Number: R 35 EW

Distance and direction from nearest town or city street address of well if located within city?

6 miles north of Woods, Kansas

2 WATER WELL OWNER: Arco Oil & Gas
 RR#, St. Address, Box # : 1112 11th Street Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Woodward, Oklahoma 73801 Application Number:

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



4 DEPTH OF COMPLETED WELL: 460 ft. ELEVATION: 2,836
 Depth(s) Groundwater Encountered 1. 148 ft. 2. 225 ft. 3. 307 ft.
 WELL'S STATIC WATER LEVEL: 225 ft. below land surface measured on mo/day/yr 12/10/83
 Pump test data: Well water was 225 ft. after 1 hours pumping 100 gpm
 Est. Yield 200 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 9 7/8 in. to 460 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 _____ No X

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____
 Blank casing diameter 6 in. to 20 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 36 in., weight 4.047 lbs./ft. Wall thickness or gauge No. 316
 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) _____
 9 ABS 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 350 ft. to 450 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 10 ft. to 450 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 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? N.E. & N.W. How many feet? 1,800

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	5	Top soil.			
5	56	Dark Brown clay.			
56	64	Brown clay and gravel.			
64	128	Sandy clay.			
128	133	Medium sand.			
133	148	Sandy clay			
148	203	Coarse sand.			
203	225	Light brown clay.			
225	307	Coarse sand.			
307	322	Sand and layer clay.			
322	397	Brown clay.			
397	415	Silt.			
415	447	Dark brown clay.			
447	460	Rock and clay mixed.			
460		Rock.			

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) 12/10/83 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 142 This Water Well Record was completed on (mo/day/yr) 1/27/84 under the business name of T & W Water Well Service by (signature) [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.

OFFICE USE ONLY

T

3

2

R

35

EW

SEC

12

5

1/4

SW

1/4

1/4

1/4