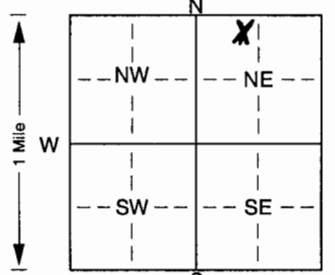


1 LOCATION OF WATER WELL: Fraction NE 1/4 NW 1/4 NE 1/4 Section Number 17 Township Number T 32 S Range Number R 34 EW  
 County: Seward

Distance and direction from nearest town or city street address of well if located within city?  
83 & 51 junction 7 W to Marteney Rd 7 N to stop sign 7/10 E and S into

2 WATER WELL OWNER: Oxy USA Inc 1 Jerman B  
 RR#, St. Address, Box # : BOX 2528 Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : Liberal, KS 67905 Application Number: 20030083

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL: 360 ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. 280 ft. 2. . . . . ft. 3. . . . . ft.  
 WELL'S STATIC WATER LEVEL 280 ft. below land surface measured on mo/day/yr 04-30-03  
 Pump test data: Well water was 285 ft. after 1 hours pumping 100 gpm  
 Est. Yield 100 gpm: Well water was . . . . . ft. after . . . . . hours pumping . . . . . gpm  
 Bore Hole Diameter. 12 3/4 in. to 360 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 Domestic (lawn & garden) 10 Monitoring well . . . . .  
 Was a chemical/bacteriological sample submitted to Department? Yes. . . . . No. X . . . . . ; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes X No

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 260 ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft.  
 Casing height above land surface 24 in., weight 4.074 lbs./ft. Wall thickness or gauge No. SDR 21 316  
 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) . . . . . ft.  
 SCREEN-PERFORATED INTERVALS: From 260 ft. to 360 ft., From . . . . . ft. to . . . . . ft.  
 GRAVEL PACK INTERVALS: From 160 ft. to 360 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 . . . hole plug  
 Grout Intervals: From 1 ft. to 25 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? Northwest How many feet? 250

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	surface			
2	60	clay			
60	96	sand			
96	130	clay			
130	168	sand			
168	172	clay			
172	190	sand			
190	200	clay			
200	226	sand			
226	228	clay			
228	258	sand			
258	264	clay			
264	353	sand and gravel			
353	360	shale and clay light blue			

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) 04-30-03 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. KWWCL - 430 This Water Well Record was completed on (mo/day/yr) 04-30-03 under the business name of Howard Drlg. Co. Box 806 Beaver OK 73932 by (signature) [Signature]