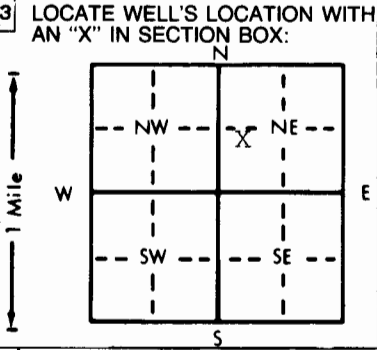


1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Seward	NW 1/4 SW 1/4 NE 1/4	28	T 32 S	R 34 EW

Distance and direction from nearest town or city street address of well if located within city? 9 Miles N. of Liberal, KS, to Satanta
 Cut-off, 1 3/4 Miles N., 5 Miles W., 1 1/2 Miles N., 1/2 Mile W. & North into

2 WATER WELL OWNER: OXY USA, INC.
 RR#, St. Address, Box #: P. O. BX 26100 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Oklahoma City, OK 73126-0100 Application Number: 900080



4 DEPTH OF COMPLETED WELL: 320 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 228 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 228 ft. below land surface measured on mo/day/yr
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield: 100 gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 9 in. to 320 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 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: 5 1/2 in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: -54 in., weight 2.93 lbs./ft. Wall thickness or gauge No. 265
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 11 Other (specify) _____
 2 Brass 4 Galvanized steel 6 Concrete tile 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 _____ ft. to _____ ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 27 ft. to 110 ft., From 120 ft. to 320 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 4 1/2 ft. to 7 ft., From 7 ft. to 27 ft., From 110 ft. to 120 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? 170'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
			0	4 1/2	Backfill
			4 1/2	7	Cement
			7	27	Bentonite Grout
			27	110	Chlorinated Gravel
			110	120	Bentonite Grout
			120	320	Chlorinated Gravel
					Filled casing to 5' below grade @ proper intervals with grout & gravel, cemented, capped and backfilled.

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) 04-06-90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 430 This Water Well Record was completed on (mo/day/yr) 04-09-90 under the business name of Howard Drilling Company by (signature) _____