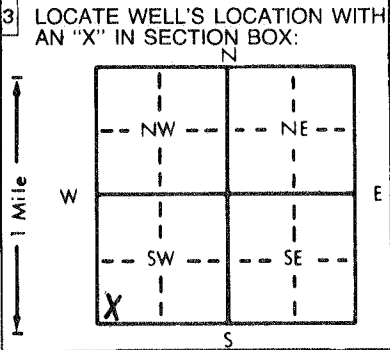


mw-2

1 LOCATION OF WATER WELL: Fraction SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section Number 35 Township Number T 20 S Range Number R 11 (E)W
 County: Lyon

Distance and direction from nearest town or city street address of well if located within city?
106 W. Hwy 99, Olpe, Ks

2 WATER WELL OWNER: Murphy Oil Company C/O Ray Schreiner
 RR#, St. Address, Box # 106 West Hwy 99, Olpe, KS 66865
 City, State, ZIP Code
 Board of Agriculture, Division of Water Resource
 Application Number:



4 DEPTH OF COMPLETED WELL 19.25 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 16.6 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 5.49 ft. below land surface measured on mo/day/yr 5/16/96
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter 8.625 in. to 21.25 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 *mw-2*
 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: 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 X
 Blank casing diameter _____ in. to 4.25 ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.
 Casing height above land surface 0 in., weight SCH 40 PVC lbs./ft. Wall thickness or gauge No. _____
 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 4.25 ft. to 19.25 ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.
SAND
 GRAVEL PACK INTERVALS: From 3.25 ft. to 21.5 ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 (2) Cement grout 3 (3) Bentonite 4 Other _____
 Grout Intervals: From 0 ft. to 1.25 ft. From 1.25 ft. to 3.25 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)
Contaminated Si
 Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
GL	2.00	Fill, Gravel w/silts and clays			
	2.00	Silty Clay (CH)			
	13.50	Clayey Silt (ML)			
	21.00	Limestone, Hard			
	21.25	TD			
		End of borehole			

Flush Mount
 waiver
 D. Taylor *6-3-96*

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) 5/16/96 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 585 This Water Well Record was completed on (mo/day/yr) 5/20/96 under the business name of Associated Environmental, Inc. by (signature) *[Signature]*