

1 LOCATION OF WATER WELL: County: Morton	Fraction SE 1/4 NW 1/4 SE 1/4	Section Number 14	Township Number T 34 S	Range Number R 41 E/W
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Distance and direction from nearest town or city street address of well if located within city?

Rolla Ks: 5.5 SW on Hwy 56, .3 N on Rd 18, .7 W thru C/G, South on Lease Rd to location

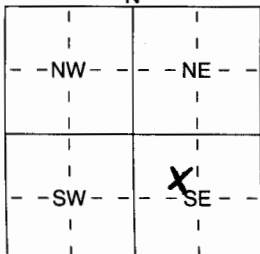
2 WATER WELL OWNER: OXY USA Inc. I-Borden 'A'

RR#, St. Address, Box # : Box 2528

City, State, ZIP Code : Liberal, Ks. 67905

Board of Agriculture, Division of Water Resources

Application Number: **20040187**

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL 320 ft. ELEVATION: Depth(s) Groundwater Encountered 150 ft. 2 8-4-04 ft. 3 8-4-04 ft. WELL'S STATIC WATER LEVEL 150 ft. below land surface measured on mo/day/yr Pump test data: Well water was 160 ft. after 1 hours pumping 100 gpm Est. Yield 100 gpm: Well water was 160 ft. after 1 hours pumping 100 gpm WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Domestic (lawn & garden) 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below) Was a chemical/bacteriological sample submitted to Department? Yes X No X ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes X No
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5 TYPE OF BLANK CASING USED: 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) Blank casing diameter 6 in. to 240 ft. Dia 4.074 in. to 24 in. weight 4.074 lbs./ft. Wall thickness or gauge No. SDR 21.316 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 2 Brass 3 Stainless Steel 4 Galvanized Steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-Cement 11 Other (Specify) 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Guazed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole) SCREEN-PERFORATED INTERVALS: From 240 ft. to 320 ft. From 100 ft. to 320 ft. GRAVEL PACK INTERVALS: From 100 ft. to 320 ft.
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6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other hole plug Grout intervals: From 1 ft. to 25 ft. From 25 ft. to 320 ft. From 320 ft. to 350 ft. What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) Direction from well? North How many feet? 350

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Surface	277	317	Clay "tan" "yellow"
1	28	Sandy clay and clay	317	320	Clay "red"
28	34	Sand and gravel			
34	40	Clay			
40	48	Sand			
48	58	Sandy clay			
58	78	Sand and gravel			
78	101	Clay and sand			
101	117	Clay			
117	160	Sandy clay			
160	173	Clay			
173	197	Sand and sandy clay			
197	203	Clay			
203	277	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) 8-4-04 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) 8-4-04 under the business name of Howard Drlg. Co. Box 806 Beaver, Ok 73932 by (signature) <i>Phil Howard</i>
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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, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

RECEIVED

SEP 01 2004

BUREAU OF WATER