WATER WELL RECORD Form WWC-5 KSA 82a-1212

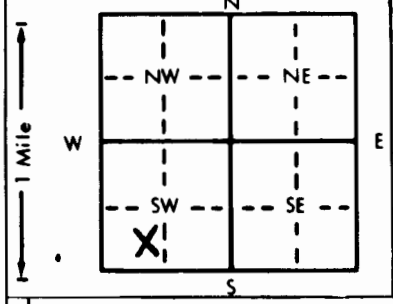
1 LOCATION OF WATER WELL: County: Grant | Fraction: E½ ¼ SW ¼ SW ¼ | Section Number: 14 | Township Number: T 30 (S) | Range Number: R 35 (E) W

Distance and direction from nearest town or city street address of well if located within city?
4¼S/Ryus, KS--

2 WATER WELL OWNER: OXY USA, Inc.
RR#, St. Address, Box # : P. O. Box 26100
City, State, ZIP Code : Oklahoma City, OK 73126

#1 MLP Lighty A
Board of Agriculture, Division of Water Resources
Application Number: OXY permits

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




4 DEPTH OF COMPLETED WELL 380 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 150 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 150 ft. below land surface measured on mo/day/yr 2/04/93
Pump test data: Well water was 200 ft. after 1 hours pumping 100 gpm
Est. Yield 100 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 9½ in. to 380 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
(2) PVC 4 ABS 7 Fiberglass Threaded
Blank casing diameter 5 in. to 380 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 24 in., weight 2.902 lbs./ft. Wall thickness or gauge No. .280 SDR21
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 240 ft. to 300 ft., From 340 ft. to 380 ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 180 ft. to 380 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 20 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? Southeast How many feet? 425

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|---|---|---|---|---|---|
| 0 | 3 | Surface Soil | | | |
| 3 | 35 | Sandy Clay | | | |
| 35 | 58 | Sand & Gravel | | | |
| 58 | 196 | Sand | | | |
| 196 | 228 | Sand & Clay Streaks | | | |
| 228 | 250 | Sand | | | |
| 250 | 270 | Clay | | | |
| 270 | 280 | Sand | | | |
| 280 | 300 | Sand & Clay Streaks | | | |
| 300 | 350 | Clay | | | |

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) 2/04/93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KWWCL-430 This Water Well Record was completed on (mo/day/yr) 2/04/93 under the business name of Howard Drlg. Co. Box 806 Beaver, OK 73932 by (signature) Howard

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, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

#15674

OFFICE USE ONLY