MW-2 24/226 1 WATER WELL RECORD Form WWC-5 KSA 82a-1212 MW2

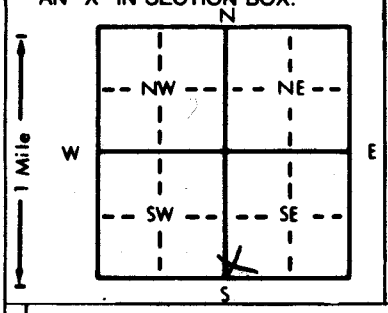
1 LOCATION OF WATER WELL: County: JOHNSON | Fraction: SW ¼ SW ¼ SE ¼ | Section Number: 11 | Township Number: T 12 S | Range Number: R 24 (E) W

Distance and direction from nearest town or city street address of well if located within city? 6225 Nieman Rd; Shawnee, KS

2 WATER WELL OWNER: Total Petroleum, INC.
RR#, St. Address, Box #: 999 18th St. PO Box 500
City, State, ZIP Code: Denver, CO 80201

Board of Agriculture, Division of Water Resources Application Number:

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



4 DEPTH OF COMPLETED WELL: 16.5 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 13.5 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 7.25 ft. below land surface measured on mo/day/yr 5/29/97
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 in. to 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; 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below); (2) PVC 4 ABS 7 Fiberglass
CASING JOINTS: Glued Clamped; Welded; Threaded Flush
Blank casing diameter 2 in. to ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 0 in., weight lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL: (0) 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 5 ft. to 15 ft., From ft. to ft.; From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 3 ft. to 16.5 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
Grout Intervals: From 0.5 ft. to 3 ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well; 1 Septic tank 4 Lateral lines 7 Pit privy (11) Fuel storage 15 Oil well/Gas well; 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below); 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage
Direction from well? ~~SE~~ N How many feet? 30'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	13	Clayey Silt (CL)			Concrete flushmount
13	16.5	Shale			well head per agreement
16.5		Limestone			w/ Don Taylor of
					KDHE

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) 6/16/97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 531 This Water Well Record was completed on (mo/day/yr) 6/16/97 under the business name of Geotechnical Services, Inc by (signature)

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.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼