

1 LOCATION OF WATER WELL: MW10		Fraction <u>NW</u> 1/4 NW 1/4 NW 1/4	Section Number <u>3</u>	Township Number T 28 S	Range Number R 13W EW
County: <u>Pratt</u>					
Distance and direction from nearest town or city street address of well if located within city? 2101 East First Street Pratt, Kansas					
2 WATER WELL OWNER: Total Petroleum, Inc. RR#, St. Address, Box # : 999 18th St. Suite 2201 City, State, ZIP Code : Denver, Colorado 80202 Board of Agriculture, Division of Water Resources Application Number: n/a					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL... 61.5 ft. ELEVATION:			
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL 46.01 ft. below land surface measured on mo/day/yr 12/12/91			
		Pump test data: Well water was n/a ft. after hours pumping gpm			
		Est. Yield n/a gpm: Well water was ft. after hours pumping gpm			
		Bore Hole Diameter... 7.75 in. to 61.5 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 <u>10 Monitoring well</u>			
		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:					
1 Steel		3 RMP (SR)		5 Wrought iron	
<u>2 PVC</u>		4 ABS		6 Asbestos-Cement	
				7 Fiberglass	
Blank casing diameter... 2.0 in. to 46.7 ft., Dia. in. to ft., Dia. in. to ft.				8 Concrete tile	
Casing height above land surface... n/a in., weight lbs./ft. Wall thickness or gauge No.				9 Other (specify below)	
TYPE OF SCREEN OR PERFORATION MATERIAL:				CASING JOINTS: Glued Clamped	
1 Steel		3 Stainless steel		Welded	
2 Brass		4 Galvanized steel		Threaded... X	
5 Fiberglass					
<u>7 PVC</u>		10 Asbestos-cement			
8 RMP (SR)		11 Other (specify)			
9 ABS		12 None used (open hole)			
SCREEN OR PERFORATION OPENINGS ARE:		5 Gauzed wrapped		8 Saw cut	
1 Continuous slot		<u>3 Mill slot .010</u>		11 None (open hole)	
2 Louvered shutter		4 Key punched		9 Drilled holes	
				10 Other (specify)	
SCREEN-PERFORATED INTERVALS: From 46.7 ft. to 61.0 ft., From ft. to ft.					
GRAVEL PACK INTERVALS: From 42.0 ft. to 47.0 ft., From ft. to ft.					
Natural Filter Pack From 47.0 ft. to 61.5 ft., From ft. to ft.					
6 GROUT MATERIAL: <u>49</u> Neat cement 2 Cement grout <u>49</u> <u>3</u> Bentonite <u>49</u> Other					
Grout Intervals: From <u>49</u> ft. to <u>0</u> ft., From <u>49</u> ft. to <u>49</u> ft., From ft. to ft.					
What is the nearest source of possible contamination: n/a					
1 Septic tank		4 Lateral lines		7 Pit privy	
2 Sewer lines		5 Cess pool		8 Sewage lagoon	
3 Watertight sewer lines		6 Seepage pit		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? How many feet?					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3.0	Silty clay, Dk.brown, low plasticity, soft, moist (topsoil)			
3.0	20.0	SAA-brown, with trace sand (fluvial)			
20.0	23.0	SAA-with vertical fractures			
23.0	27.0	Silty clay, gray, low plasticity, stiff, dry, with root vesicles and natural organic matter (caliche)			
27.0	28.5	Sandy clay, brown, low plasticity, soft, moist with trace gravel (fluvial)			
28.5	30.0	Silty sand, lt. brwn, fine to med. grained, poorly sorted, subrounded to subangle(fluv.)			
30.0	37.0	Sand, lt. brwn, fine to coarse grained, poorly sorted, s.ang. to well rnd, moist(fluv.)			
37.0	39.0	sndy clay, brwn, low plasticity, soft, moist, w/trace gravel			
39.0	41.0	Sand, brwn, fine to coarse, poorly sorted, subang. to well rounded, moist (fluvial)			
41.0	44.0	Silty clay, brwn, low plast, soft, moist, w/trace sand & fractures (fluvial)			
44.0	46.0	Sandy silt, brwn, low plast., stiff, moist, w/trace clay & nat. org. material (caliche)			
46.0	47.0	Sand, gray, strong petro., hydrocarb. odor, fineto med graind, poorly srtd, subrounded to well rounded, moist (fluvial)			
47.0	61.5	SAA-brown, wet (fluvial)			
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 12/12/91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 468 This Water Well Record was completed on (mo/day/yr) 12/19/91 under the business name of J & R Drilling Services, Inc. by (signature) <u>Ray Coons</u>					