

(COPY)

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Cowley	SE 1/4 SW 1/4 SW 1/4	32	T 34 S	R 4 EW

Distance and direction from nearest town or city street address of well if located within city?

Southeast Edge of City Limits

Well #37

2 WATER WELL OWNER: Total Petroleum, Inc.	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box #: P.O. Box 857	Application Number:
City, State, ZIP Code: Arkansas City, Kansas 67005	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: 30.0 ft. ELEVATION: 1034.4
--	---

	Depth(s) Groundwater Encountered 1. . . . . ft. 2. . . . . ft. 3. . . . . ft.		
	WELL'S STATIC WATER LEVEL . . . . . 16.4 ft. below land surface measured on mo/day/yr 7-31-81		
	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 . 6-3/4 in. to 30.0 . . . . . ft., and . . . . . in. to . . . . . ft.		
WELL WATER TO BE USED AS:			
1 Domestic	5 Public water supply	8 Air conditioning	11 Injection well
2 Irrigation	3 Feedlot	9 Dewatering	12 Other (Specify below)
4 Industrial	6 Oil field water supply	10 Observation well	
7 Lawn and garden only			
Was a chemical/bacteriological sample submitted to Department? Yes . . . . . No <u>X</u> . . . . .			
If yes, mo/day/yr sample was submitted			
Water Well Disinfected? Yes <u>X</u> No			

5 TYPE OF BLANK CASING USED:	3 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <u>X</u> Clamped
1 Steel	6 Asbestos-Cement	9 Other (specify below)	Welded
2 PVC	7 Fiberglass		Threaded
3 RMP (SR)			
4 ABS			

Blank casing diameter . . . . . 2 . . . . . in. to 15.2 . . . . . ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft.
Casing height above land surface . . . . . 36 . . . . . in., weight . . . . . lbs./ft. Wall thickness or gauge No. Sch 40

TYPE OF SCREEN OR PERFORATION MATERIAL:	7 PVC	10 Asbestos-cement
1 Steel	8 RMP (SR)	11 Other (specify)
2 Brass	9 ABS	12 None used (open hole)
3 Stainless steel		
4 Galvanized steel		
5 Fiberglass		
6 Concrete tile		

SCREEN OR PERFORATION OPENINGS ARE:	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
1 Continuous slot	6 Wire wrapped	9 Drilled holes	
2 Louvered shutter	7 Torch cut	10 Other (specify)	
3 Mill slot			
4 Key punched			

SCREEN-PERFORATED INTERVALS:	From . . . . . 15.2 . . . . . ft. to 30.0 . . . . . ft., From . . . . . ft. to . . . . . ft.
GRAVEL PACK INTERVALS:	From . . . . . 15.0 . . . . . ft. to 30.0 . . . . . ft., From . . . . . ft. to . . . . . ft.

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	4 Other
Grout Intervals: From . . . . . 0.0 . . . . . ft. to 10.0 . . . . . 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	11 Fuel storage	15 Oil well/Gas well
2 Sewer lines	12 Fertilizer storage	16 Other (specify below)
3 Watertight sewer lines	13 Insecticide storage	
4 Lateral lines		
5 Cess pool		
6 Seepage pit		
7 Pit privy		
8 Sewage lagoon		
9 Feedyard		

Direction from well? Southeast	How many feet? 140.0
--------------------------------	----------------------

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0.0'	4.5'	Dark Brown Silty Fine Sand			
4.5'	10.5'	Brown Fine Sand, Trace to Some Silt			
10.5'	17.0'	Brown Fine Sand with Silty Seams @ 9.0'			
17.0'	19.0'	Brown Fine to Medium Sand			
19.0'	30.0'	Gray-Brown Fine to Medium Sand Trace Coarse below 23.0'			

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) 7-31-81 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 416 This Water Well Record was completed on (mo/day/yr) 9-10-81
---

under the business name of TERRACON CONSULTANTS by (signature) [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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

T

R

4

EW

SEC.

32

SE 1/4

SW 1/4

SW 1/4