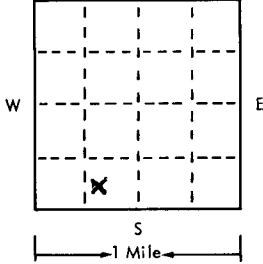


USE TYPEWRITER OR BALL POINT PEN—PRESS FIRMLY, PRINT CLEARLY.

T R EW sec 1/4 1/4 1/4 No.

WATER WELL RECORD  
KSA 82a-1201-1215

Kansas State Dept. Of Health  
(Water Well Contractors)  
Forbes-Bldg. 740  
Topeka, Kansas 66620

1 Location of well:	County <b>Cowley</b>	Township name <b>Bolton</b>	Fraction <b>SW 4</b>	Section number <b>32</b>	Town number <b>34 S</b>	Range number <b>4 E</b>
Distance and direction from nearest town or city:				3 Owner of well: <b>APCO REFINERY</b> <b>1400 S. M ST</b> Address: <b>ARKANSAS CITY, KANSAS</b>		
Street address of well location if in city: <b>1400 S M ST</b>				4 Well depth: <b>33'</b> ft. Date of completion <b>9-26-76</b> Well diameter <b>36</b> in.		
Locate with "X" in section below: N  W E S 1 Mile				5 <input type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input checked="" type="checkbox"/> Reverse rotary		
2 Type and color of material				6 Use: <input type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input checked="" type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test well <input type="checkbox"/>		
From				7 Casing: Material <b>STEEL</b> Weight: above/below Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Surface <b>30</b> in. Diam. <b>16"</b> to <b>29 1/2"</b> ft. depth Drive shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>4"</b> THICKNESS		
To				8 Screen: Manufacturer <b>DOERR</b> Type <b>SS-101</b> Dia. <b>16"</b> Slot/gauze <b>1/8"</b> Length <b>12'</b> Set between <b>27'</b> ft. and <b>33'</b> ft. Fittings: <b>COARSE SAND</b> Gravel pack <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Size range of material _____		
1-15' Soil & fine sand				9 Static water level: <b>18</b> ft. below land surface Date <b>9-26-76</b>		
16-28 Very coarse, clean sand				10 Pumping level below land surfaces: <b>19' 8"</b> ft. after <b>4</b> hrs. pumping <b>350</b> g.p.m. <b>22'</b> ft. after <b>4</b> hrs. pumping <b>450</b> g.p.m. Estimated maximum yield <b>500</b> g.p.m.		
28-33' Medium sand & Rocks				11 Water sample submitted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date _____		
Rocks were so large & numerous that drilling was stopped at 33'				12 Well head completion: <input type="checkbox"/> Pitless adapter <input type="checkbox"/> Inches above grade <b>30"</b>		
				13 Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Depth: From <b>0</b> ft. to <b>10</b> ft.		
				14 Nearest source of possible contamination: ft. _____ Direction _____ Type _____ Well disinfected upon completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
				15 Pump: <input checked="" type="checkbox"/> Not installed Manufacturer's name _____ Model number _____ HP _____ Volts _____ Length of drop pipe _____ ft. capacity _____ g.p.m. Type: <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal <input type="checkbox"/> Other		
(use a second sheet if needed)				17 Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. <b>HUNT DRILLING Co 249</b> Business name License No. Address <b>#42 ARKANSAS CITY</b> Signed <b>Walter A Hunt</b> Date <b>10-16-76</b> Authorized representative		
16 Remarks: elevation <b>Owner will install pump. Well will be used for refinery use only. Water has petroleum odor &amp; taste. Unfit for human use.</b> Topography: <input type="checkbox"/> Hill <input type="checkbox"/> Slope <input type="checkbox"/> Upland <input checked="" type="checkbox"/> Valley						

34 4E 32 SW14