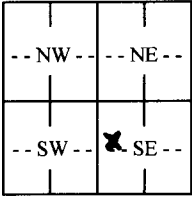


# WATER WELL RECORD Form WWC-5

☒ Original Record ☐ Correction ☐ Change in Well Use

Division of Water  
Resources App. No.

Well ID

<b>1 LOCATION OF WATER WELL:</b> County: <u>Pawnee</u>		Fraction: <u>1/4 NW 1/4 SE 1/4</u>	Section Number: <u>9</u>	Township Number: <u>T 23 S</u>	Range Number: <u>R 17 E W</u>
<b>2 WELL OWNER:</b> Last Name: _____ First: _____ Business: <u>APOLLO ENERGIES, INC</u> Address: <u>10378 N. US Highway 281</u> City: <u>Pratt</u> State: <u>KS</u> ZIP: <u>67124</u>		Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: <input type="checkbox"/> <u>From Belpr, KS To Road E. Then West 5 miles Then 1/2 North &amp; West To Well</u>			
<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N  W E S 1 mile	<b>4 DEPTH OF COMPLETED WELL:</b> <u>65</u> ft. Depth(s) Groundwater Encountered: 1) _____ ft. 2) _____ ft. 3) _____ ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: <u>38</u> ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr) _____ <input type="checkbox"/> above land surface, measured on (mo-day-yr) <u>2-1-13</u> Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm Well water was _____ ft. after _____ hours pumping _____ gpm Estimated Yield: _____ gpm Bore Hole Diameter: <u>10 5/8</u> in. to _____ ft. and _____ in. to _____ ft.		<b>5 Latitude:</b> _____ (decimal degrees) <b>Longitude:</b> _____ (decimal degrees) Datum: <input type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: _____ <input type="checkbox"/> GPS (unit make/model: _____) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: _____		
	<b>6 Elevation:</b> _____ ft. <input type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other _____				

## 7 WELL WATER TO BE USED AS:

- |   |  |   |
|---|--|---|
| 1. Domestic:<br><input type="checkbox"/> Household<br><input type="checkbox"/> Lawn & Garden<br><input checked="" type="checkbox"/> Livestock<br><input type="checkbox"/> Irrigation<br><input type="checkbox"/> Feedlot<br><input type="checkbox"/> Industrial | 5. <input type="checkbox"/> Public Water Supply: well ID _____<br>6. <input type="checkbox"/> Dewatering: how many wells? _____<br>7. <input type="checkbox"/> Aquifer Recharge: well ID _____<br>8. <input type="checkbox"/> Monitoring: well ID _____<br>9. Environmental Remediation: well ID _____<br><input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction<br><input type="checkbox"/> Recovery <input type="checkbox"/> Injection | 10. <input type="checkbox"/> Oil Field Water Supply: lease _____<br>11. Test Hole: well ID _____<br><input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical<br>12. Geothermal: how many bores? _____<br>a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical<br>b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water<br>13. <input type="checkbox"/> Other (specify): _____ |
|---|--|---|

Was a chemical/bacteriological sample submitted to KDHE? ☐ Yes ☒ No If yes, date sample was submitted: \_\_\_\_\_  
 Water well disinfected? ☒ Yes ☐ No

**8 TYPE OF CASING USED:** ☐ Steel ☐ PVC ☒ Other \_\_\_\_\_ CASING JOINTS: ☒ Glued ☐ Clamped ☐ Welded ☐ Threaded  
 Casing diameter 5 in. to 30 ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface 24 in. Weight 160 lbs./ft. Wall thickness or gauge No. \_\_\_\_\_

## TYPE OF SCREEN OR PERFORATION MATERIAL:

- ☐ Steel ☐ Stainless Steel ☐ Fiberglass ☒ PVC ☐ Other (Specify) \_\_\_\_\_  
☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)

## SCREEN OR PERFORATION OPENINGS ARE:

- ☐ Continuous Slot ☒ Mill Slot ☐ Gauze Wrapped ☐ Torch Cut ☐ Drilled Holes ☐ Other (Specify) \_\_\_\_\_  
☐ Louvered Shutter ☐ Key Punched ☐ Wire Wrapped ☐ Saw Cut ☐ None (Open Hole)

SCREEN-PERFORATED INTERVALS: From 30 ft. to 65 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 65 ft. to 20 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**9 GROUT MATERIAL:** ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other \_\_\_\_\_  
 Grout Intervals: From 20 ft. to 0 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

## Nearest source of possible contamination:

- |   |  |  |   |   |
|---|--|--|---|---|
| <input type="checkbox"/> Septic Tank            | <input type="checkbox"/> Lateral Lines | <input type="checkbox"/> Pit Privy     | <input type="checkbox"/> Livestock Pens     | <input type="checkbox"/> Insecticide Storage  |
| <input type="checkbox"/> Sewer Lines            | <input type="checkbox"/> Cess Pool     | <input type="checkbox"/> Sewage Lagoon | <input type="checkbox"/> Fuel Storage       | <input type="checkbox"/> Abandoned Water Well |
| <input type="checkbox"/> Watertight Sewer Lines | <input type="checkbox"/> Seepage Pit   | <input type="checkbox"/> Feedyard      | <input type="checkbox"/> Fertilizer Storage | <input type="checkbox"/> Oil Well/Gas Well    |
| <input type="checkbox"/> Other (Specify) _____  |  |  |   |   |

Direction from well? 999 Distance from well? 999 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5	Top Soil & Grey Clay			
5	30	Brown clay w/ fine sand			
30	40	BRN clay w/ fine sand			
40	45	Large sand & gravel			
45	55	Fine sand			
55	65	White & Dark Red clay mix			
Notes:					

**11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo-day-year) 2-1-13 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 672 This Water Well Record was completed on (mo-day-year) 2-15-13 under the business name of Crowdis Water Well S.V.

INSTRUCTIONS: Send one copy to WATER WELL OWNER and retain one copy for your records. Submit fee of \$5.00 for each constructed well along with one (white) copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone (785) 296-3565.

Visit us at <http://www.kdheks.gov/waterwell/index.html>

KSA 82a-1212

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