WELL RECORD

PWTS Permit No. \_\_\_\_\_

Iowa Department of Natural Resources – Geological Survey 109 Trowbridge Hall, Iowa City, IA 52242-1319 PH (319) 335-1575

PWTS Well No. \_\_\_\_\_

Site identification WELL DES MOUNES SYLORVILLE	Drill method □ rotary □ auger □ cable other CA:SON
Property Owner WATER WORKS Other ID WELL I	Hole size hole size continued
Address ZZOI GEORGE FLAGG PKWY	198 inch from 0 ft to 58ft inch from ft to ft
Tenant DES MOINES, LOWK  Well Depth 59 ft Date completed 11 / 11 / 10	inch fromft toftinch fromft toft
	Record all depth measurements from ground level (GL). Use (+) for above GL measurements.
Location County Pork	Casing Drive shoe (yes / no) Pitless adapter (yes / no)
1/2 mi. and 5/8 mi E of intersection of NW 54 and NW 26th	Size (ID/OD) Type / Wt Depth top Depth bottom Amount (length)  VS6/198 CONCRET -53 -58 5
NW 1/4 of the NW 1/4 of the SE 1/4 of Sec 8 TWP 79 NRNG 24	
GPS Coordinates (NAD83 datum only) decimal degrees:	15/192 10,250 +8.4 -53 61.4
N. LatitudeW. Longitude.	
Show exact location of well in section grid with a dot ( • ). Sketch map of well location on property.	Perforated or slotted casing? (yes 100)
N	Perforated / slotted fromft toft
THE N	Perforated / slotted fromft toft
W E E	Casing grouted? (ves) no ) Placement method
1 9 7 19	Type Depth top Depth bottom Amount (vol/wt)
	CEMENT GROWT 0 -7
S 200 ft 3 2	BENTENTE SUR -7 -52 Well screen? (VE)(10) 6 (ATERALS, 1055' TOTAL
upland hillside Avalley Vievel surface Elevation (if known) 803.6	Well screen? (yes) no) 6 CATECALS, 1055 7874C  Diameter   Slot size   Depth top   Depth bottom   Length   Material
Formation log	12.75 0P30 4517
From To Color Hardness Formation description	0.150 46.7 995 3045.5
0 9 BROWN FIRM CLYEY SILT	Bottom capped (ves) no) with S.S. PLATE
9 19 BROWN LOOSE SAND	Seals / Packers (yes (10) kind depth ft
19 29 GRAY LOOSE SAND& GRAVER	Gravel packed (yes no) from tt to tt
29 39 GRY LODE J&G, 701"	typeamount
39 44 GRY LOSE SEG TO /"	Well developed? (yes) no)
44 49 GRY LOOSE 5\$4,701"3" 5"TY	(pumped, airlifted, bailed) for WEEKS be at 1000 GPM
49 54 GRM LUGS = 5\$4, 70 3 "CUBBLS	
54 59 GRAY LUCKS SILTY SAND & CREAKER	Pump installed? (yes) no)  Installer's name C.Z. CARROLL STACED NOV 2010
59 GRM HARD SHALE	Type of pump V-TURBINE Depth to intakeft
SI CHIEF THE STATE	Pump diameter 20" Rated capacity 6300 GPM
DECENVEN	Water information Aquifer: ★sand / gravel ☐ limestone ☐ sandstone
	Main water-supply zone from 9ft to _59 _ft □ seepage well
MAR 2 8 2011	Static water level13.5_ft ( below / above ) GL;   Tape   airline   ZE-line   estimate
	Pumping water level 33. 7 ft below GL;
Ву	At yield of 6300 GPM; Zorifice   volumetric   estimate for 96 hours
use additional sheets as needed	Measurements taken at (AM / PM ) Date 2 / 6 / 08
Remarks (including depth of lost drilling fluids, materials, or tools)	Water quality test? (TED no) Date tested 2 / 19 / 08
	Tested by KEYSTONE LABS; NEWTON, 10WA
Well use	Contractor RANNEY COLLECTOR WELLS
Domestic Municipal Monitoring Livestock Public supply Other	Address Columbus OHIO
Test well   Irrigation   Other   Other	Driller Certification no.
	1000 CM (1000 CM (100

