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

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WELL RECORD

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63811

Permit No. _____

Site identification Grand Luce	Drill method 🗗 otary 🗆 auger 🗀 cable other			
Property Owner Tim Fisher Well Number	Hole size hole size continued			
Address	11 inch from 0_ft to 20_ft inch from 205 to 325			
Tenant	<u>8//</u> Auch from <u>AO</u> t to <u>AO5</u> t Inch fromtt toft			
Well Depth 325 ft Date completed 1 / 25 / D				
Location County Jaces	Record all depth measurements from ground level (GL). Use (+) for above GL measurements. Casing Drive shoe (yes / no) Pildess adapter (yes / no)			
	Casing Drive stoe (yes / no) Pidess adapter (yes / no) Size (ID/OD) Type / Wt Depth top Depth bottom Amount (length)			
mi. s^{N} and mi. t^{E} of intersection of and				
1/4 of the1/4 of the1/4 of SecTWPRNGE w				
Show exact location of well in section grid with a dot (). Sketch map of well location on property. N				
┝╞┾┽┽┥╎	Perforated or slotted casing? (yes/no)			
₩ <mark>₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩</mark>	Perforated / stated from <u>285</u> ft to <u>325</u> ft			
	Perforated / slotted fromft toft			
S 200 ft −−−−−−i	Casing grouted? (yes / no) Placement method			
upland 🗋 hillside 🗋 valley Elevation (if known)	Type Depth Top Depth bottom Amount (vol/wt)			
Formation log	BanSeel O 103 28Begs			
From To Color Hardness Formation description				
	Well screen? (yes/m			
	Diameter Stot size Depth Top Depth Bottom Length Material			
5 do Map				
	Bottom capped (yes / no) with			
	Seals / Packers (yes / no) kind depthft			
	Gravel packed (yes / no) fromft toft toft toft			
	Well developed? (ys/no)			
	Explain_ <u>A: L: L+</u>			
	(pumped, airtified, bailed) forhrs at GPM.			
	Pump installed? (yes/no) Date//			
	installer's name			
	Type of pump ft			
	Pump diameter Rated capacity GPM			
	Water information Aquifer: 🗆 sand / gravel 🔏 timestone 🗆 sandstone			
	Main water-supply zone from $\underline{395}$ ft to $\underline{325}$ ft \Box seepage well			
	Static water lavel 36 ft (below / above) GL: 🛛 tape 🗆 zirline 🗆 E-line 🗋 estimate			
	Pumping water levelft below GL; 🗇 tape 🗆 airfine 🗇 E-line 🗇 estimate			
	At yield of 30 GPM; orifice volumetric estimate			
use additional sheets as needed	Measurements taken at (AM / PM) Date _/_ / <u>a⁷8</u> / <u>D7</u>			
Remarks (including depth of lost drilling fluids, materials, or tools)	Water quality test? (yes/no) Date tested / 128/07			
	Tested by			
Well use	Contractor Traces (A. H. O (1))			
A Qomestic Municipal Commercial	Address U20 E P-=- P-15E'CP			
Test well Irrigation Other	Driller Francisco Cartification on 40520			
C Livestock Public supply Monitoring	Contractor Freeso Welling Address 420 E Post RdSE CR Driller Freese Certification no. 40520			

white copy - lowa DNR, Geological Survey Bureau

Jim Fisher (Scootere) ananosa IA #/10/07 - 1/19/07

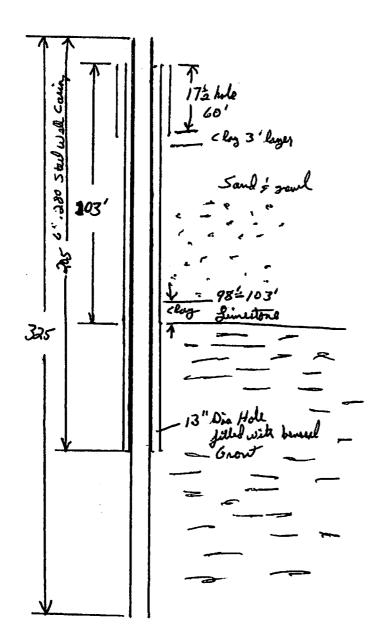
Phone:

Date:

6 3 8 1 1 Freese Well Drilling Inc. 420 East Post Rd. SE Cedar Rapids, IA 52403



語語教教室



325 Finishel Depty 103 Rock 205' 4" Steel , 280 well carry 30 GPM 28 Bog of busial Well caring war left 6' above ground 36' State

W-63811 Pusin# 5307202

LOREN W. LEACH, P.E. PROFESSIONAL ENGINEER 1665 Ridge Road Iowa City, Iowa 52245-1628 (319) 351-4722 DNR MAR 0 9 2007 GEOL. SURVEY

1001 MAR - 1 - 10

12

February 28, 2007

Mr. Bob Campbell Iowa Department of Natural Resources Public Water Supply Section Suite M 401 SW 7th Street Des Moines, Iowa 50309-4611

RE: Scooter's Restaurant Well Permit Number 2007-136W, PWSID 5307202, Project Number W2007-008

Dear Mr. Campbell:

Attached is a copy of the well driller's record. The well was completed to a depth of 325 feet with 205 feet of 6" casing with 6 feet above ground level. Top of limestone was a 103 feet. The casing was grouted in-place through the sand and approximately 97 feet into the Silurian Limestone. Drill samples have been sent to the Iowa Geological Survey.

I understand the return card has been sent and the final inspection by the regional office is requested. Please contact me if you need additional information.

Sincerely,

an Lead

Loren Leach, P.E.

Attachment: Driller's Record

Job:		
Jim Fisher 13296 212 Av Date: Anamosa, Ia. 52205 January 26,2007		
Phone	•	: .

Phone:

Scooter Bar & Grill

1/10/07 Set up, drilled to 40' using 17 ½ " drill bit Cold weather below 0 to 15 above.

- 1/17 Started back up, ran 17 ½" hole down to 60' & set 60' of 14" temporary well casing. Ran back down inside of 14" casing with 13" bit, drilled down to 205'
- 1/18 Started up, cleaned out bottom of well hole using 15 bags of bentonite, pulled out, set 205' of 6" .280 steel well casing, pressure grouted through the 6" well casing using 28 bags of benseal grout.
- 1/19 Cleaned out 6" well hole, drilled down to 325', no liner needed majority of water came from 285-315' area 30GPM
 Pulled drill rods out of well, loaded up tools, moved equipment off site.

LOREN W. LEACH, P.E. PROFESSIONAL ENGINEER

1665 Ridge Road Iowa City, Iowa 52245-1628 (319) 351-4722

February 23, 2006

2

Mr. Bob Campbell Iowa Department of Natural Resources Public Water Supply Section Suite M 401 SW 7th Street Des Moines, Iowa 50309-4611

RE: Scooter's Restaurant Well Permit Number 2007-136W, PWSID 5307202, Project Number W2007-008

Dear Mr. Campbell:

Following completion of the well water samples were collected by the Well Contractor and sent to the Hygienic Laboratory for analysis. The following results were obtained:

Total Coliform Bacteria Nitrite Nitrogen as N Nitrate Nitrogen as N Absent <0.02 mg/L 0.1 mg/L

Copies of the laboratory reports are attached.

Please contact me if you need additional information.

Sincerely,

Loren Leach, P.E.

Attachment: two Hygienic Laboratory reports

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The Valentity The The	Iniversity of	Towa	
DOG ATOLI		oli 19 h Gill Constance	
Date of some	rt: 02-02-2007	Sample Number Date Received	
	re: 02-02-2007	Project	SDWA
البليمانين التليبا بالبنان التنابي الرا		Date Collected Collection Site	01-30-2007 13:00 well head
BROWN WELL PUMP SER	VICE	Collection Town	
PO BOX 66		Description	water
ELY 1A 52227	51	Reference Collector	MARKS JUSTIN
		Phone	(319) 981-7195
		Purchase Order	
Comments Upon arrival, samp	le met container and presen	vation requirements for	r
	ed. Please review carefully		
		1	
PWS Id: IA5307202	SDWIS Infor Facility Id: WL01	mation	de Point Id: WLO1
Sample Category: Chemical	Sample Type: Routin		J
	Results of A	nalvses	
	incourts of th	marysee	
	SDWA Nitri	te as N	Quantitatian Limit
Analvic	ing mg	t of the second s	mg/L
Nitrite Nitrogen as N	<0.	.02	0.02 Analyst: BR
Date Analyzed: 01-31-2007 Method: EPA 353.2		Verified: TAB	
		-	
	SDWA NITRA	TE as N centration	Quantitation Limit
Analyte		U	mg/L
Nitrate Nitrogen as N Date Analyzed: 01-31-2007] 0.1		0.1 Analyst: BR
Method: EPA 353.2			Verified: TAB
14 14	Description of units used	t within this report	28 28
mg/L - Milligrams per Liter		Quant Limit - Lower	at concentration reliably measured
		*	
			<u> </u>
Iowa Laboratory Certification No. 027. AIHA	NELAP, USEPA, NVLA	IP #101288-0 and other	r credentials available upon request.
If you have any questions please call Client Se	ervices at 800/421-10WA (4	(692) or 319/335-4500.	Thank you.
			5777 <u>81</u> 184
* x	1		
	1		
	Page 1 - End of Repor	rt	2

Michael D. Wichman, Ph.D. Associate Director

2

1766



Hygienic Laboratory

 Date Report Printed: 02-02-2007
 PWS Number: IA5307202

 SCOOTERS
 For bonles, forms, results, address changes, contact UHL at 319/335-4251 or 800/421-IOWA (4692)

 207 Kohl St
 For billing changes, contact UHL Accounting section at 319/335-4442 or 800/421-IOWA (4692)

 Martelle IA 52305
 For monitoring or compliance requirements, contact IDNR at 515/725-0282 or your regional IDNR field office

Results of Bacterial Analyses

Sample Ty	net Name of	Facility D	/	Due and Time Pres	Total Date Nathber 01/30/2007 200701392
Special	marks justin	WLD1/WI	01 well head		01/30/2007 200701392 Analyzed: 2007-01-30 16:50
	otal Coliform Bacteria	Absent			Method: 9223B-18PA

Please Note: copy of report sent to Brown Well

Page 1 - End of Report

http://www.uhl.ulowa.edu

Iowa Laborantics Complex 2220 S. Ankeny Rivd. Ankeny, Iowa 50023 515/725-1600 Fax: 515/725-1642