



WELL COMPLETION REPORT

Hawk

DRILLING COMPANY, INC

County: Saratoga
Township: Round Lake

DEC Well Number: SA8034
Well Number: 2015 071

Owner: [REDACTED]		Building Contractor:		Formation Log		
Total Depth Of Well: 302'		GPS Location: N42 55 25.7 W73 51 4.8				Surface Elevation: 361'
		Well Address: [REDACTED]				Top Of Casing is: 18"
		Depth To Groundwater: 5'				Above Ground Surface
		Date Measured: 8/18/2015		Ground Level 0'		
CASINGS						
Diameter 6"				BROWN SAND 4'		
Length: 20.5'				BROWN CLAY TILL 12'		
Grout Type/Sealing: Drive Shoe/Bentonite		Interval From: 0' To: 20'		BROWN SHALE 14'		
SCREENS						
Make & Material:				SOFT GRAY SHALE 18'		
Diameter:		Slot Size 1:		GRAY SANDSTONE 24'		
Length:		Slot Size 2:		LIGHT & DARK GRAY SHALE WB 34'		
Depth To Top Of Screen, From Top Of Casing:				LIGHT & DARK GRAY SHALE W/ QUARTZ WB 35'		
YIELD TEST						
Date 8/18/2015		Duration Of Test: 4 Hours*		DARK GRAY SHALE 66'		
Method Air Lift		Stabilized Discharge: 5 GPM*		DARK GRAY SANDSTONE 89'		
Static Level Prior To Test: 5'		Maximum Drawdown:		DARK GRAY SANDSTONE 89'		
Recovery Time:		Water Discharged Away From Well? Yes		GRAY SHALE W/ QUARTZ 146'		
PUMP INSTALLATION						
Pump Installed? Yes		Date: 12/17/2015		Pump Installer: Hawk		
Type: Submersible		Make: Grundfos		Model: 7S05 3-WIRE		
Maxium Capacity: 7GPM		Pump Set 185'		SOFT GRAY QUARTZ-RICH SHALE WB 155'		
				SOFT DARK GRAY SHALE 222'		
Drilling Method: Rotary Hammer		Use Of Water: Domestic		DARK GRAY SHALE W/ SANDSTONE INTERBEDS 302'		
Date Drilling Started: 8/12/2015		Date Drilling Finished: 8/18/2015				
Date Report Filed: 12/22/2015		Driller: Jeremy Baldwin CWD/PI				
DEC Registration Number 10002		Report Filed By: <i>S. Bal</i>				
HYDROFRACTURING						
Yes		Date 8/14/2015		Water Level: Nmf		
Depth Of Packer 1: 27'		Max Pressure: 400 PSI		Min Pressure: 350 PSI		
Length: 13 Min		Gallons Of Water Used: 1200 GAL				
Depth Of Packer 2: 47'		Max Pressure: 700 PSI		Min Pressure: 375 PSI		
Length: 11 Min		Gallons Of Water Used: 1000				
Notes:						

FRACK #3 - SETTING - 100', MAX PRESS 800 PSI, MIN PRESS - 550 PSI, LENGTH 13 MINS, 1200 GAL

*8 GPM POST FRACK