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permit #: <u>2002 – 33</u>8

## MISSOULA CITY-COUNTY HEALTH DEPARTMENT

301 W. ALDER

(406)523-4755

SEWER PERMIT AND APPLICATION

OWNER NAME: MITE LENT	PHONE: (406) 677-0199
	( ) V-e-
CERTIFIED INSTALLER: Self 1051	
LOCATION OF INSTALLATION: 1/4 1/4 T 1/4 T	R 15 S I
ADDRESS OF SITE: 640 Evergreen Drive	
ADDRESS OF SITE:	buble Arrow Phase IV
CERTIFICATE OF SURVEY: #SUBDIVISION:	Bunta Harous Thesa
LOT: TRACT: TRACT:	SIZE OF PARCEL: <u>3.942</u> cves
GENERAL AREA NAME:	
1	
SEPARATION ADEQUATE FOR:	Special Conditions and Other Information
(INFO SUPPLIED BY APPLICANT)(CHECK ALL)	Special Conditions and Other amortization
	ARY RESTRICTIONS?  YESNO
	XISTING SEPTIC SYSTEMS? YESNO
WATER LINES > 10' FLOODPLAIN > 100' *HISTOR	UPGRADE REQUIRED? YESNO_1
((1,0)	OR NEAR FLOODPLAIN: YES NO
TOBER	SEWER LESS THAN 200 FEET: YES NO
	ERTY LOCATED IN MWTPSA? YESNO
TORIN	BDIVISION PLAT LANGUAGE EXISTS
PROPERTY A DIEC DI DOC >10	ED RESTRICTION FILED
l 1 ———	CRTY LOCATED IN S.T.E.P. AREA? YESNOV
· · · · · · · · · · · · · · · · · · ·	TY S.T.E.P. TANK & PERMIT REQUIRED
SOIL TYPE: Sandy Lesson	-
WATER SUPPLY: WEY	
TYPE OF SYSTEM TO BE INSTALLED:NEW:	REPLACEMENT
SYSTEM SIZING: RESIDENTIAL #OF BEDROO	
COMMERCIAL USE	GAL/DAY:
APPLICATION RATE (Gal/day or sq. ft./bedroom):	ENGREER
SYSTEM SIZE & DESCRIPTION: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	; ENGINEER STEPother) sentic tank
with $\frac{2}{3}$ lineal feet of 24 inch trench drainfield as per site plan at	ached Install an 8 inch canned riser from tank to surface. S
T.E.P. tanks requires manway and lid to be inspected by the City.	menod. Instant an o men eapped riser from tank to surface. C
• • • • • • • • • • • • • • • • • • • •	
SPECIAL CONDITIONS:	
- Control of the Cont	
As purchaser of this permit, I agree to comply with all requirements for installation as desc Quality Bureau Regulations and special conditions described above. This document does no regulations including but not limited to zoning, building and floodplain regulations.	thed in Missoula City-County Health Code Regulation #1, State Water of release me from complying with any other State, Federal or Local
This permit is valid for twelve (12) months from date of purchase. Sewage disposal systems mus	he completed within this time and inspected by the Department price to
covering the system. A copy of this permit is to be on site at all times during construction and inscorner for reference when you call for a final inspection.	pection of the system. Please use the permit number in the upper right hand
$\sim 10^{11} M_{\odot} \sim 10^{11} M_{\odot}$	,
Permit purchaser:	Datc: <u>/ 5/11 / 0 )</u>
Health Authority: Duband July Col	Date: 10/11/02
	, , ,

Well ID# 8640

## MONTANA WELL LOG REPART

Form No. 603 R2-99

This log reports the activities of a licensed Montana well driller and serves as the official record of work done within the borehole and casing and describes the amount of water encountered. This form is to be completed by the driller and filed with DNRC within 60 days of completion of the work. Acquiring Water Rights is the well owner's responsibility and is not accomplished by the filling of this report.

Well log information is stored in the Groundwater Information Center at the Montana Bureau of Mines and Geology (Butte) and water right information is stored in the Water Rights Bureau records (Helena).

WELL OWNER: Name Michael Lonz	grayed background: Record additional information in the REMARKS section.  Test - 1 hour minimum  Drawdown is the amount water level is lowered below static level.	
Mailing address P.O. box 976	All depth measurements shall be from the top of the well casing.	
Seeley lake Montana 59868	Time of recovery is hours/minutes since pumping stopped.  Air test*	
WELL LOCATION: List 1/4 from smallest to largest 5W 1/4 NW 1/4 Section 6	13gpm with drill stem set at110 t. for2hrshours Time of recovery15mirhrs/min. Recovery water level25 t.	
TownshiploN N/S Rangel 4W E/W County Missoula	OR Beller test*	
Lot 15 Fract/Blk Subdivision Name Well Address	gpm with ft. of drawdown after hours Time of recoveryhrs/min. Recovery water level ft.	
GPS □Yes MINo	OR Pump test*	
Latitude Longitude	Depth pump set for test ft.	
Error as reported by GPS locator ( ± feet) Horizontal datum: LTNAD27 □ WGS84	gpm pump rate withft. of drawdown after hrs pumping Time of recovery hrs/min. Recovery water levelft.	
PROPOSED USE:   ☐ Domestic ☐ Stock ☐ Irrigation ☐ Public water supply ☐ Monitoring Well ☐ Other:	OR Flowing Artesian*ppm forhours	
	Flow controlled by	
TYPE OF WORK:  ☑ New well ☐ Deepen existing well ☐ Abandon existing we Method: ☐ Cable ☑ Rotary ☐ Other:	"Distinct the small start the effectiveness come chall be an uniform to accomb . This was	
WELL CONSTRUCTION DETAILS:	7. WELL LOG:	
Borehole:	Depth, Feet Color/rock and type/descriptor (example: blue/shale/hard	
Dia. 6" in from G_T_evel ft. to 120' f	t I FROM I 10 ( or brown/grown)/dentor or brown/grown/brown/e-\	
Dia	O 1' Top soil	
Casing:	l' 16' Multi collored cobbles & boulder	
Steel: Wall thickness250 Threaded Welder		
Steel:         Wall thickness250 Threaded         □ Welded Dia.         ft. to ft.	70' 80' Tan clay & Gravel	
Dia ft. to ft.	80' 89' tan clay	
Plastic: Pressure Rating lbs. ☐ Threaded ☐ Welded	89' 95' tan clay, cobbles & gravel	
Diein, from ft. to ft.	95' 103' dark tan & red clay & gravel	
Perforations/Slotted Pipe:	103' 110' red clay multicollored gravel	
Type of perforator used HOlte	& cobbles	
Size of perforations/slots 3/16 in. by 1" in	2204 2004	
10 no. of perforations/slots from 100 t ft. to 110 tft. to ft. to ft. to ft. to		
Screens: ☐ Yes ☐xNo Material		
Dia.         Slot size         from         ft. to         ft           Dia.         Slot size         from         ft. to         ft		
Gravel Packed: ☐ Yes □ XNo Size of gravel		
Gravel placed fromft. toft.		
Packer: 🗋 Yes 🗔 No	☐ ADDITIONAL SHEETS ATTACHED	
Type Depth(s)		
Grout: Material used <u>Bentonite</u>	8. DATE WELL COMPLETED: 6-18-02	
Depth fromft. toft. OR Continuous feed	9: REMARKS:	
WELL TEST DATA:		
A well test is required for all wells. (See details on well log report cover	10. DRILLER/CONTRACTOR'S CERTIFICATION:	
Static water level 25' ft. below top of casing or	All work performed and reported in this well-log is in compliance with the	
	Montana well construction standards. This report is true to the best of my	
Closed-in artesian pressurepsi		
□ Closed-in artesian pressurepsi.	knowledge.	
U Closed-in artesian pressurepsi.  How was test flow measured:	Name, firm, or corporation (print) Jerome's Drilling co., I	
Closed-in artesian pressurepsi.  How was test flow measured:    bucket/stopwatch, weir, flume, flowmeter, etc	Name, firm, or corporation (print) Jecome's Drilling co., In Address P-O. box 17020 Missoula Montana 59808	
U Closed-in artesian pressurepsi.  How was test flow measured:	Name, firm, or corporation (print) Jerome's Drilling co., I	