14N 20W 34 BB

MONTANA WELL LOG REPORT

Form No. 603 R2-04

Well ID# KXO 806

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 MBMG within 60 days of completion of the work. Acquiring Water Rights is the well owner's responsibility and is not accomplished by the filing 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).

1.	WELLOWNER: West Industrial	Test - 1 hour minimum Drawdown is the amount water level is lowered below static level. All depth measurements shall be from the top of the well casing. Time of recovery is hours/minutes since pumping stopped. Air test* gpm with drill stem set at / ft. for hours Time of recovery hrs/min. Recovery water level ft. OR Baller test* gpm with ft. of drawdown after hours Time of recovery hrs/min. Recovery water level ft.			
	Malling address P.O. BOX 30637				
	Billings, MT. 59107				
2.	WELL LOCATION: List ¼ from smallest to largest				
	14 14/10/14 10 10/14. Section 34				
	Township 4 N/S Range 2 E/W County 1/5/9				
3	Lot, Tract/Blk Subdivision Name				
4	- Well Address	OR Pump test*			
	GPS ☐ Yes ☐ No Longitude	Depth pump set for test ft.			
	Error as reported by GPS locator (± feet)	gpm pump rate withft. of drawdown after hrs pumping			
	Horizontal datum D NAD27 D WGS84	Time of recovery hrs/min. Recovery water level ft.			
		OR Flowing Artesian*			
3.	PROPOSED USE: ☐ Domestic ☐ Stock ☐ Irrigation ☐ Public water supply ☐ Monitoring Well ☐ Other:	gpm forhours			
	E Pablic water supply E Montoring Wen E Outer.	Flow controlled by			
4.	TYPE OF WORK:	*During the well test the discharge rate shall be as uniform as possible. This rate			
	New well Deepen existing well Abandon existing well			e the sustainable yield of the welt. Sustainable yield does not oir of the welt casing.	
	Method: ☐ Cable ☐ Rotary ☐ Other:			To	
5.	WELL CONSTRUCTION DETAILS:		7. WELL LOG:		
	Borehole: /	Depth, Feet		Material: color/rock and type/descriptor (example: blue/shale/hard,	
	Dia. 10 in. from 75 tt. to 160 tt.	From	To	or brown/gravel/water, or brown/sand/heaving)	
	Dia ft. to ft.	0	100	May	
	Dia ft. to ft.	100	110	Sand	
	Casing: 15D	110	150	gravel sond, whater	
	Steel: Wall thickness Threaded	150	1100	clay	
	Dia				
	Plastic: Pressure Rating lbs. ☐ Threaded ☐ Welded				
	Dia in. from ft. to ft.				
	Perforations/Slotted Pipe: ///				
	Type of perforator used				
	Size of perforations/slots 3/// In. by in			RECEIVED	
	no. of perforations/slots from ft. to ft.		TOTAL POT		
	Screens: Yes No			AUG 2 1 2008	
	Material			MBMG	
	Dia Slot size from ft. toft.			M.B.M.G.	
	Dia ft. to ft.	1000			
	Gravel Packed: ☐ Yes ☑ No				
	Size of gravet				
	Gravel placed fromft. toft.				
	Packer: Yes No	8. DATE WELL COMPLETED: 8-13-08 9. REMARKS:			
	TypeDepth(s)				
	Grout: Material used Bentonite				
	Depth fromft. toft. OR Continuous feed				
	WELL TEST DATA:	or andomosts	THE REPORT OF THE PARTY OF THE		
			10. DRILLER/CONTRACTOR'S CERTIFICATION:		
	Static water levelft. 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 knowledge. Name, firm, or corporation (print)			
	Closed-in artesian pressurepsi.				
	How was test flow measured:				
	bucket/stopwatch, weir, flume, flowmeter, etc	Addres	the state of the state of	30x 17020 MS10. MT. 59808	
Yel	lowstone Controlled Groundwater Area - Water Temperature °F	Signatu	V3 1.1		
	AQUIFER TEST DATA FORM ATTACHED	Date _	0-14	-0 6 License no	

Montana Bureau of Mines & Geology The University of Montana 1300 West Park Street Butte, MT 59701 24633H