

Twp 9515

601 42.3

25243

BORING AND WELL CONSTRUCTION LOG**WELL R-48**

Elevation Ground: 101.1 ft Elevation TOC: 101.97 ft Total BH Depth: 60 ft Total Well Depth: 60 ft						CLIENT: Tesoro Alaska PROJECT SITE: Kenai Refinery PROJECT NO.: 01-19.10 AREA: PIRM GEOLOGIST: M. Blank		DRILLER: Pat Kelly DRILLING METHOD: Hollow-stem auger SAMPLING METHOD: Grab and 2-in split spoon START DATE: 3/4/98 END DATE: 3/5/98		
Well Materials	DEPTH (FEET)	SAMPLE ID	BLOW COUNT (per 6 inches)	SAMPLE INTERVAL	PICTO READINGS (H/M)	USCS				
Concrete Pad	0						Brown, medium to coarse SAND with 40% fine to coarse, gravel (up to 2 inch), moist, no odor. @ 10 feet: as above except 15% gravel @ 15 feet: as above except 30% gravel			
Bentonite Grout	5									
Riser Pipe 6-inch diameter schedule 40 PVC	10									
	15									
	20					SW				
Bentonite Seal 3/4-inch chips	25									
Sand Pack 10/20 Colorado Silica Sand	30									
Well Screen 30 feet; 6-inch diameter; 0.030-inch slot; wire-wrapped stainless steel	35									
	40									

587-1a-21 DACD

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Well Materials		DEPTH (FEET)	SAMPLE ID	BLOW COUNT (PER 6 INCHES)	SAMPLE INTERVAL	PROFID READINGS (ft)	USCS	CLIENT: Tesoro Alaska	DRILLER: Pat Kelly
								PROJECT SITE: Kenai Refinery	DRILLING METHOD: Hollow-stem auger
								PROJECT NO.: 01-19.10	SAMPLING METHOD: Grab and 2-in split spoon
								AREA: PIRM	START DATE: 3/4/98
								GEOLOGIST: M. Blank	END DATE: 3/5/98
Sand Pack 10/20 Colorado Silica Sand Well Screen 30 feet; 6- inch diameter; 0.030-inch slot; wire- wrapped stainless steel		40						Brown, medium to coarse SAND with 10% fine gravel (up to 0.5 inch), moist, no odor.	
		45						Gray-brown, medium to coarse SAND with less than 5% fine gravel (up to 0.5 inch), moist to wet, hydrocarbon odor.	
		50					SW	Same as above, wet, no odor.	
		55	12 24					Gray-brown, medium to coarse SAND with 30% fine gravel (up to 0.5 inch), wet no odor.	
		60	9 16 15 11 14 16				cl	Stiff, gray CLAY, medium plasticity, slightly moist, no odor.	
		65					Total depth = 60 feet		
		70					Pilot hole drilled with 4.25-inch ID augers to 60 feet (augers to 58.5 feet). Reamed with 8.75-inch ID augers to 60 feet.		
		75							
		80							

SB 7-12-21 OACD

As-Built Diagram

25243
Well R-48

Well Location: PIRM Ground Elevation: 101.1 TOC Elevation: 101.97 Northing: 8959.94 Easting: 7845.16	Date Installed: 3/4 - 3/5/98 Project Number: 01-19.10 Geologist: M. Blank Drilling Company: Hughes Driller: Pat Kelly	Depth Drilled:	TD After Development:
		60.0	60.97 (feet, TOC)
		Drilling Rig:	Drilling Method:
		CME-75	HSA, 8.25" x 12"
		Hole Diameter:	Soil Sampler Type:
		12"	Splitspoon
		Number of Soil Samples:	Elevation Datum:
		3	MLLW
		Depth to Water at Time of Drilling (feet, bgs):	Checked by:
		42.3	_____



