

STATE OF NEVADA
 DIVISION OF WATER RESOURCES
 WELL DRILLER'S REPORT

OFFICE USE ONLY

108891

Log No. _____
 Permit No. _____
 Basin 110C

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340.

NOTICE OF INTENT NO. **64517**

1. OWNER **Hawthorne Utilities** **Babbitt Well** ADDRESS AT WELL LOCATION **Langley & 27th Street,**
 MAILING ADDRESS **P.O. Box 1448** **Hawthorne, NV**
Hawthorne, NV 89415 *Subdivision Name:* _____ *County:* **Mineral**

2. LOCATION **SW¼SE¼ Sec 21 T8N/ R30E** Latitude _____ UTM E **357307** NAD 27
 PERMIT/WAIVER NO. **75616-75617** **NA** Longitude _____ N **4266002** NAD 83/WGS 84
Issued by Water Resources *Parcel No.* _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Other _____

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other **Flooded Reverse**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Well-Graded Gravels		0'	25'	25'
Well-Graded Sands		25'	125'	100'
Poorly-Graded Gravels		125'	130'	5'
Well-Graded Sands		130'	135'	5'
Poorly-Graded Gravels		135'	140'	5'
Poorly-Graded Sands		140'	145'	5'
Clay/Sand		145'	180'	35'
Inorganic Clays		180'	185'	5'
Clay/Sand		185'	190'	5'
Poorly-Graded Gravels		190'	195'	5'
Poorly-Graded Sands		195'	200'	5'
Poorly-Graded Gravels		200'	205'	5'
Inorganic Clays		205'	210'	5'
Clay/Gravel		210'	215'	5'
Well-Graded Sands		215'	220'	5'
Clay/Gravel		220'	225'	5'
Clay/Sand		225'	265'	40'
Poorly-Graded Gravel		265'	270'	5'
Cemented Gravels		270'	275'	5'
Clay/Sand		275'	303'	28'
Clay/Gravel		303'	305'	2'
Poorly-Graded Sands		305'	310'	5'
Clay/Sand		310'	313'	3'
Clay/Gravel		313'	317'	4'
Clay/Sand		317'	330'	13'
Inorganic Clays		330'	337'	7'
Tuff		337'	340'	3'
Poorly-Graded Sands		340'	390'	50'

9. WELL CONSTRUCTION
 Depth Drilled **390** Feet Depth Cased **380** Feet
 HOLE DIAMETER (BIT SIZE)
 From _____ To _____
26.00 Inches **0** Feet **56** Feet
19.00 Inches **56** Feet **390** Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22.00	86.61	.375	0	56
14.00	45.61	.3125	+3	380

Perforations:
 Type of perforation **Wire Wrap Screen**
 Size of perforation **.070**
 From **340** feet to **380** feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Annular Seal: Yes No
 Neat Cement **0'** to **55'** Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured
 Gravel Pack: Yes No **0'** to **390'** Pumped Poured
 Type: **6 x 9 Colorado Silica**
 Bentonite Chips: Yes No _____ to _____ Pumped Poured
 Type: _____

7. Water Level
 Static water level: **221** feet below land surface
 Artesian Flow: _____ G.P.M. _____ P.S.I.
 Water Temperature: _____ °F
 Quality: **Good**

8. WELL TEST DATA

TEST METHOD:	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	<input checked="" type="checkbox"/> Air Lift
	Draw Down (Feet Below Static)		Time (Hours)
G.P.M.	NA		1.0
38.532852°N			
118.637080°W			

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name **Boat Longyear Drilling Services** (CONTRACTOR)
 Address **P.O. Box 5279** (CONTRACTOR)
Elko, NV 89802
 Nevada contractor's license number issued by the State Contractor's Board **0021976**
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller **2329**
 Signed _____
 By driller performing actual drilling on site or contractor
 Date **12-Aug-09**