



WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 10433

1. OWNER Union Pacific Realty ADDRESS AT WELL LOCATION Silver Lake Business Center, North of Lear Blvd, Stead, Nevada  
 MAILING ADDRESS 2710 Canterbury Oaks Dr, Sacramento, CA  
 2. LOCATION NE 1/4, SW 1/4 Sec. 30, T. 21, S. R. 19, E. Washoe County  
 PERMIT NO. M/O-186 Issued by Water Resources Parcel No. 90-050-21 Subdivision Name Silver Lake Business Center

3. TYPE OF WORK New Well <input checked="" type="checkbox"/> Recondition <input type="checkbox"/> Deepen <input type="checkbox"/> Other <input type="checkbox"/>	4. PROPOSED USE Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input checked="" type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/>	5. TYPE WELL Cable <input type="checkbox"/> Rotary <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> <u>Auger</u>
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6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Silty sand</u>		<u>0</u>	<u>10'</u>	<u>10'</u>
<u>Slippy sand</u>		<u>10</u>	<u>15'</u>	<u>5'</u>
<u>silty sand</u>		<u>15'</u>	<u>25'</u>	<u>10'</u>
<u>see attached sheet (MW-4)</u>				

8. WELL CONSTRUCTION

Diameter 8" inches Total depth 25' feet

Casing record.....

Weight per foot..... Thickness.....

Diameter	From	To
<u>2"</u> inches	<u>0'</u>	<u>14'</u> feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet
..... inches	..... feet	..... feet

Surface seal: Yes  No  Type Bent/Cement  
 Depth of seal 9.5' feet  
 Gravel packed: Yes  No   
 Gravel packed from 9.5' feet to 25' feet

Perforations:  
 Type perforation slotted  
 Size perforation 0.020  
 From 24 feet to 14 feet  
 From ..... feet to ..... feet

Date started Oct. 19, 1989  
 Date completed Oct. 19, 1989

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

9. WATER LEVEL

Static water level 11.5 feet below land surface  
 Flow..... G.P.M..... P.S.I.  
 Water temperature.....°F Quality.....

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name RONO NEW Contractor  
 Address 1635 Bellford Contractor  
 Nevada contractor's license number issued by the State Contractor's Board.....  
 Nevada contractor's driller's number issued by the Division of Water Resources.....  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1028  
 Signed [Signature]  
 By driller performing actual drilling on site or contractor  
 Date 12/1/89

BAILER TEST

G.P.M. .... Draw down.....feet .....hours  
 G.P.M. .... Draw down.....feet .....hours  
 G.P.M. .... Draw down.....feet .....hours

WELL CONSTRUCTION	CHEMICAL ANALYSES		BLOW COUNT	DEPTH (feet)	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.G.S. DESIGNATION	SOIL DESCRIPTION
	LABORATORY	FIELD						
				0			M	BROWN SILTY CLAYEY SAND (SM/SC), dry, medium dense, 30-50% plastic fines 50-70% fine sand
			0.2	18				Trash coming up on augers
				5				Trash ends about 10 ft.
				10			SC	GRAY CLAYEY SAND (SC), moist, medium dense, 20-35% plastic fines, 65-80% fine sand, sand becomes coarser @ bottom of sample
				18				
			0.4	10				Brown clayey fine sand, wet, loose, 40-60% plastic fines, 40-60% fine sand with pockets of coarse poorly sorted sand
				15				
				20			SM	GRAY SILTY SAND (SM), wet, dense, 15-20% low-plastic fines, 70-85% medium to coarse sand
				20				No sample retrieved, shoe had some clayey sand (SC), wet
				25				

EQUIPMENT: CME 55 AUGER RIG  
 TOTAL DEPTH: 25.5 feet  
 DATE DRILLED: 10-19-89

LOGGED BY: DJK  
 DIAMETER of BORING: 8"  
 WATER ENCOUNTERED AT: 11.5 feet



UNION PACIFIC REALTY, 290 ACRE SITE  
 STEAD, NEVADA

PLATE

LOG OF MONITORING WELL

WELL CONSTRUCTION	CHEMICAL ANALYSES		BLOW COUNT	DEPTH (feet)	SAMPLE NUMBER	LITHOLOGY SYMBOL	U.S.C.S. DESIGNATION	SOIL DESCRIPTION
	LABORATORY	FIELD						
				25				NOTE: Sand heaved up augers @ 2 ft. before sampling @ 25 ft., redrilled to 25 ft. prior to sampling, sand heaved again, so we only sampled 6 inches to get an idea of the formation. No sample retrieved.
				30				
				35				
				40				
				45				
				50				



UNION PACIFIC REALTY, 290 ACRE SITE  
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PLATE

LOG OF MONITORING WELL

MW-4 (CONT.)