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WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

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DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 40067
Permit No.
Basin 87

NOTICE OF INTENT NO. 20007

1. OWNER RESON, INCORPORATED
MAILING ADDRESS 505 Bally Road
Reno, NV. 89512

ADDRESS AT WELL LOCATION 4th & Lake Street
SE corner, Downtown Reno, Nevada

2. LOCATION SE ¼ NE ¼ Sec. 11 T. 19 (N)/S R. 19 E. Washoe County

PERMIT NO. M10619 (Issued by Water Resources) | Parcel No. — | Subdivision Name

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ Other

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

5. WELL TYPE
☐ Cable ☒ Rotary ☐ RVC
☐ Air ☐ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Reddish brown, stiff, high plastic clay		0	10	10
Dark grey-tan, medium grained, dense silty sand		10	24	14
Grey, river Cobble & GRAVEL	X	24	29.5	5.5
* Note: To be completed, Temporarily suspended due to lost rotary auger tools in hole from 23'-29.5' See Attached Field Reports for details, SMcDaniel 1-5-93				
OFFSET HOLE which is five foot west and abandoned both holes to surface with original native material. SMcD				

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Date started November 24, 19 92
Date completed To Be Completed, 19

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

8. WELL CONSTRUCTION
Depth Drilled 29.5 Feet Depth Cased — Feet

HOLE DIAMETER (BIT SIZE)

		From	To
6 3/4 Inches		0 Feet	29.5 Feet
Inches		Feet	Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
	To Be	Installed		

Perforations:
Type perforation To Be Installed
Size perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☐ Yes ☐ No
Depth of Seal
Placement Method: ☐ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☐ Yes ☐ No
From feet to feet

9. WATER LEVEL
Static water level Not Encountered feet below land surface
Artesian 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 Pezonella & Associates (Contractor)
Address 520 Edison Way (Contractor)
Reno, Nv. 89502
Nevada contractor's license number issued by the State Contractor's Board
Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1655
Signed Scott B. McDaniel (By driller performing actual drilling on site or contractor)
Date January 5, 1993

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

SY-206
Log No. 40067

Scott B. McDaniel
Consulting Geologist
Petroleum-Geothermal-Minerals

ENVIRONMENTAL, GEOTECHNICAL
975 Melba Drive
Reno, Nevada 89503

Telephone
Area Code 702/323-8224

FIELD REPORT

Date: Nov. 24, 1992 Job No. 0130

Project: RESON INC. MONITOR WELL

Weather: Partly Cloudy

Location: SE corner 4th & Lake St. Reno, Nv

Temperature: 29-36 °F

Contractor: Pezonella & Associates

Time: 9:45 am - 11:15 am

Owner: RESON, INC. MONITOR WELL #M/O-619 PERMIT WAIVER NO. M/O-619

Present at site (personnel and equipment): Pezonella & ASSOCIATES CME-55 Drill Rig & crew, Barry Cernock

Remarks: Arrived on location at 9:45 am. Pezonella and Associates CME-55 rotary drill rig was completing drilling across from the site at SW corner lot (4th & Lake Street). Met Barry Cernock w/ Pezonella & Associates on location from 10:00 - 11:15 am to survey site and organize site plan. Left location at 11:15 am.

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Signed: Scott B. McDaniel
State Engineer's Monitor Well # M 1655

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FIELD REPORT

Date: Nov. 30, 1992 Job No. 0130

Project: Reson, Inc. Monitor Well
Weather: clear to partly cloudy
Location: SE corner 4th & Lake Streets, Reno, Nv.
Temperature: 28 - 42 °F
Contractor: Pezonella & Associates
Time: 7:25 am - 10:30 am
Owner: RESON, INC. Reno, Nv.
Monitor Well Waiver # M/O-61

Present at site (personnel and equipment): Pezonella CME-55 drill rig & crew, Barry Cernoch - Pezonella & Associates.

Remarks: Arrived on location at 7:25 am. Set up for drilling and commenced drilling at 8:15 am. Encountered Red Brownish-grey v. stiff clay from 0'-10½'. Brown silty sand from 10½'-17'. Slight trace of odor noted in samples starting at 10' depth. Soils had increasing moisture and sand content with increasing depth. Samples obtained at 5', 10', 15', 20' for Total Petroleum Hydrocarbon (TPH) analysis. Becoming increased odor, discoloration of soil to grey color in silty sand from 15'-17'. At 17'-23' DK Grey, v. stiff, high plastic silty sandy clay with marked stain, odor. At 23', encountered v. hard, grey river gravel and cobbles which made penetration impossible with the CME-55 rotary auger drill (9:30 am). Backfilled this abandoned location with native drill cuttings to ground surface and original condition. Groundwater was not encountered during drilling operations. Left site at 10:30 am.

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Signed: Scott B. McDaniel
State Engineers Monitor Well Lic. # M1655

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FIELD REPORT

Date: Dec. 2, 1992 & Dec. 3 '92 Job No. 0130

Project: RESON, INC. MONITOR WELL
Weather: partly cloudy
Location: SE corner 4th & LAKE Street, Reno, Nv.
Temperature: 45-48 °F
Contractor: Pezonella & Associates
Time: NOON - Met Cernoch - 12-2-9
Owner: Reson, Inc. MONITOR Well #M/O-619
8:30 am - 10:30 am; 12-3-9
NOON - 12:30 pm; 1:20-2:00 pm.

Present at site (personnel and equipment): Pezonella CME-55 rotary (standard auger drill rig & crew, BARRY CERNOCH, Chris Betts

(W) Dec. 2 -
Remarks: Left office at 11:40 am. Arrived on location at 11:50 am. Met with Cernoch regarding site operations. Driller was sick today and after the site inspection, I returned to my office by 12:40 pm (1 hr. standby).

(Th) Dec. 3 - Arrived on location at 8:30 am. Drillers preparing to drill offset location to previously abandoned monitor well drill hole, which is 40' west of the abandoned drill hole. Split Spoon Drive Samples taken at 4-5', 9-10', (taken in reddish-brown, v. stiff, high plastic clay from 0'-10'), 14-15', 19-20' (Becoming tan to dk. grey, v.f.-med. grained silty sand (dense) from 10'-24'). With marked stain, odor, discoloration in the 14-15' & 19-20' samples. River gravel and cobbles (sub-rounded to 1 1/2" diameter) encountered with rotary auger at 24'. At 25', drill penetration rate was greatly reduced (9:30 am). Chris Betts, Geological Engineer for Pezonella on location at NOON. At 1:20 pm, the bottom lead auger stem and rod snapped off down while advancing to 30' depth. holes Retrieved the rest of the auger string and rod and evidence of metal fatigue was found. Fatigue of drill rig due to drilling on v. hard river gravel and cobbles was communicated to Chris Betts on location at NOON. Water not yet encountered in drill hole.

Signed: Scott B. McDaniel
State Engineer Monitor Lic. No. M 1655

Note: * Recommended shutting down at noon at 28.2' Decision made instead to keep drilling. OVER.

At this time, a decision must be reached by Pezonella & Associates to re-enter the drill hole and fish for the lost auger-rod section and drill bit, or to abandon the hole to its original condition with native cuttings. Robert Martinez, engineer with the Division of Water Resources notified of site activities at 2:40pm.

SMSDaniel

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FIELD REPORT

Date: Dec. 4, 1992 & Dec. 10, 1992 Job No. 0130

Project: RESON INC. MONITOR WELL

Weather: partly cloudy

Location: SE corner of 4th & Lake Streets, Reno, NV.

Temperature: 40 °F

Contractor: Pezonella Associates

Time: 9:15am - 9:45am (12-4-9-
11:30am - 12:15 pm

Owner: RESON, INC.

Present at site (personnel and equipment): PEZONELLA CME-55 rotary (idle auger rig & crew, BARRY CERNOCH, Chris Betts.

Remarks: Dec. 4- Arrived on location at 9:15 am. Met Cernoch & lamped existing drill hole (covered) with mirror. There was no evidence of water in the drill hole where the flight augers had been twisted off yesterday. Measured inside the drill hole to 22' and replaced the temporary cover over the hole.

(Th) Dec. 10- Arrived on location at 11:30 am. CME-55 rotary drill rig and crew were attempting to fish out lost auger string and rod which were lodged in the hole @ approximately 23.5'-29.5'. Spring coil device did not retreive auger string by 11:50 am. Chris Betts, Geological Engineer w/ Pezonella on location and advised of downhole conditions. No groundwater evidenced in hole when it was lamped with a mirror. Left site at 12:15 pm.

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Signed: Scott B. McDaniel
State Engineers Monitor Lic. No. M1655