Lenz Elementary School

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

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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. 109417
Permit No.
Basin 087 pg 1 of 4

NOTICE OF INTENT NO. 64608

1. OWNER U.S. Geological Survey
MAILING ADDRESS 2730 N. Deer Run Rd
Carson City Nv 89701

ADDRESS AT WELL LOCATION Lenz Elementary
2500 Homeland Drive
Reno Nv 89511

2. LOCATION SW ¼ NE ¼ Sec. 18 T. 18 N R. 20 E. Washoe County
PERMIT NO. MO-1240 (Issued by Water Resources) 4403001 (Parcel No.) Lenz Elementary School (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 Odex

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Surface- DG Sand - Playground Fill				
Brown Very Coarse Sand and Small 1/16" rock chips increasing to 1/4"		0	4½	4½
Boulder (Andesite) Slow drilling.		4½	10	5½
Cobble Rock & COS Sand, Mixture: Andesite, Quartzite Olivine & Amphibole		10	25½	15½
Boulder. Gives way to Probably Large Cobble embedded in Sands & gravel. Cuttings mainly rock chips		25½	32	6½
pulvarized Sand / gravel		32	70	38
Boulder. Angular 1/2" Andesite		70	74	4
COS #6 Sand & 3/8" gravel		74	105	31
Gravelly, Sandy Clay matrix	108	105	122	17
Silty very fine Sand mixed w/ Cos 1/16" Sand & 3/8" grav. Saturated		122	142	20

Date started 11-27, 2009
Date completed 11-29, 2009

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
GPS Location:		
39° 25' 40.7"		
119° 46' 34.0" NAD83		
39.428061°N		
119.775090°W	N2027	TM

8. WELL CONSTRUCTION
Depth Drilled 142 Feet Depth Cased 135 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
6.625 Inches	0 Feet	142 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2-inch	PVC	0.218	0	135
	Sch 80			
	Flush	Threads		

Perforations:
Type perforation Factory Slot
Size perforation 0.020 inch
From feet to feet
From 125 feet to 135 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 0 to 1-Foot
Placement Method: ☐ Pumped ☑ Poured Pumped Pure Gold Grout
Seal Type: ☐ Neat Cement ☐ Cement Grout ☑ Concrete Grout

Gravel Packed: ☑ Yes ☐ No From 1 to 104
From 114 feet to 135 feet

9. WATER LEVEL
Static water level 110.32 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 Robert N. Pennington (Contractor)
Address 2730 N. Deer Run Rd (Contractor)
Carson City Nv 89701
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 FP-1857
Signed R.N. Pennington (By driller performing actual drilling on site or contractor)
Date 12-9-09

(Rev. 12-01) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

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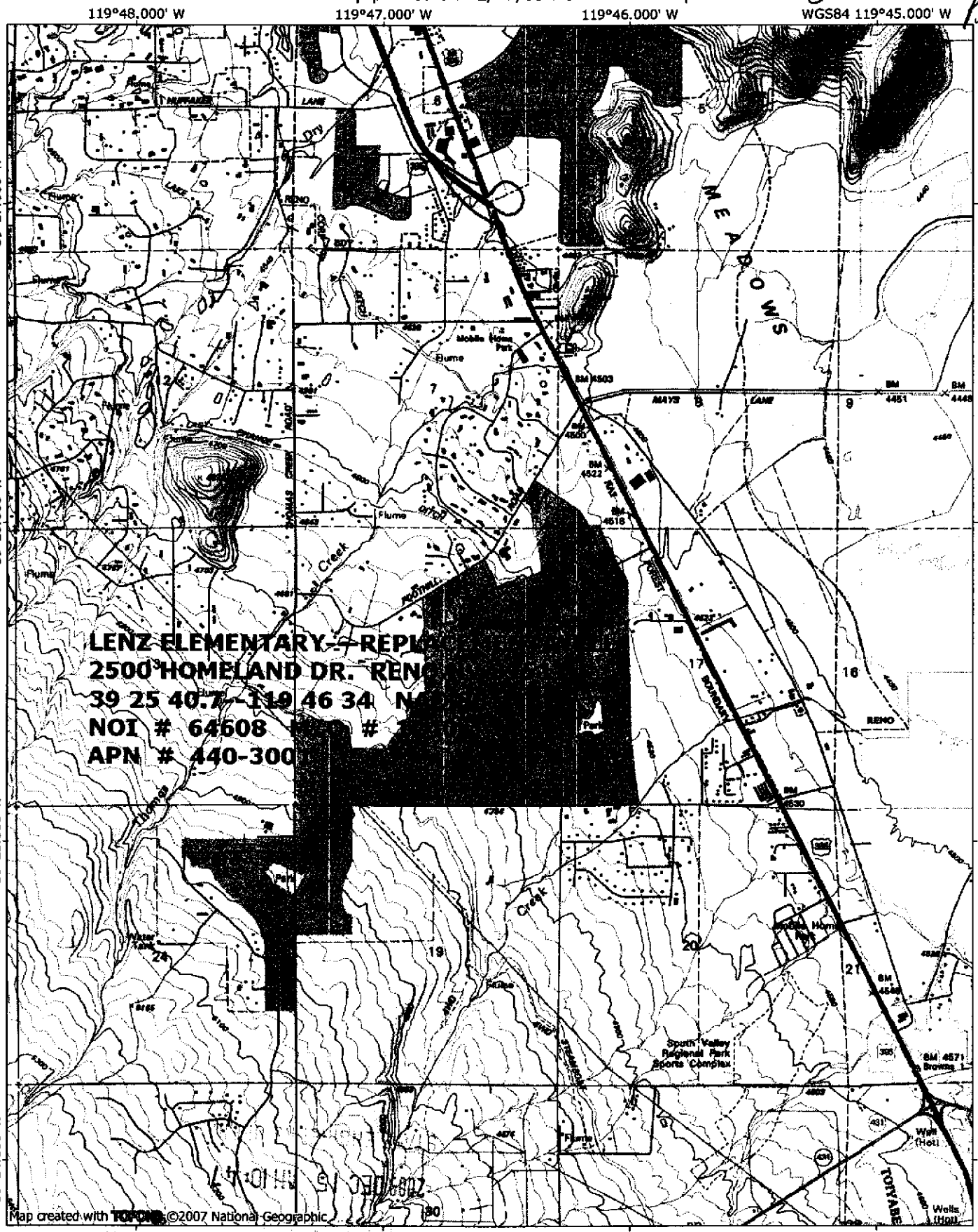
TOPO! map printed on 12/11/09 from "Untitled.tpo"



NATIONAL GEOGRAPHIC

MILES 0 5

FEET 1000 0 1000 2000 3000 4000 5000

KILOMETERS 1 .5 0 1

METERS 1000 0 1000

TN MN 14½°

12/11/09

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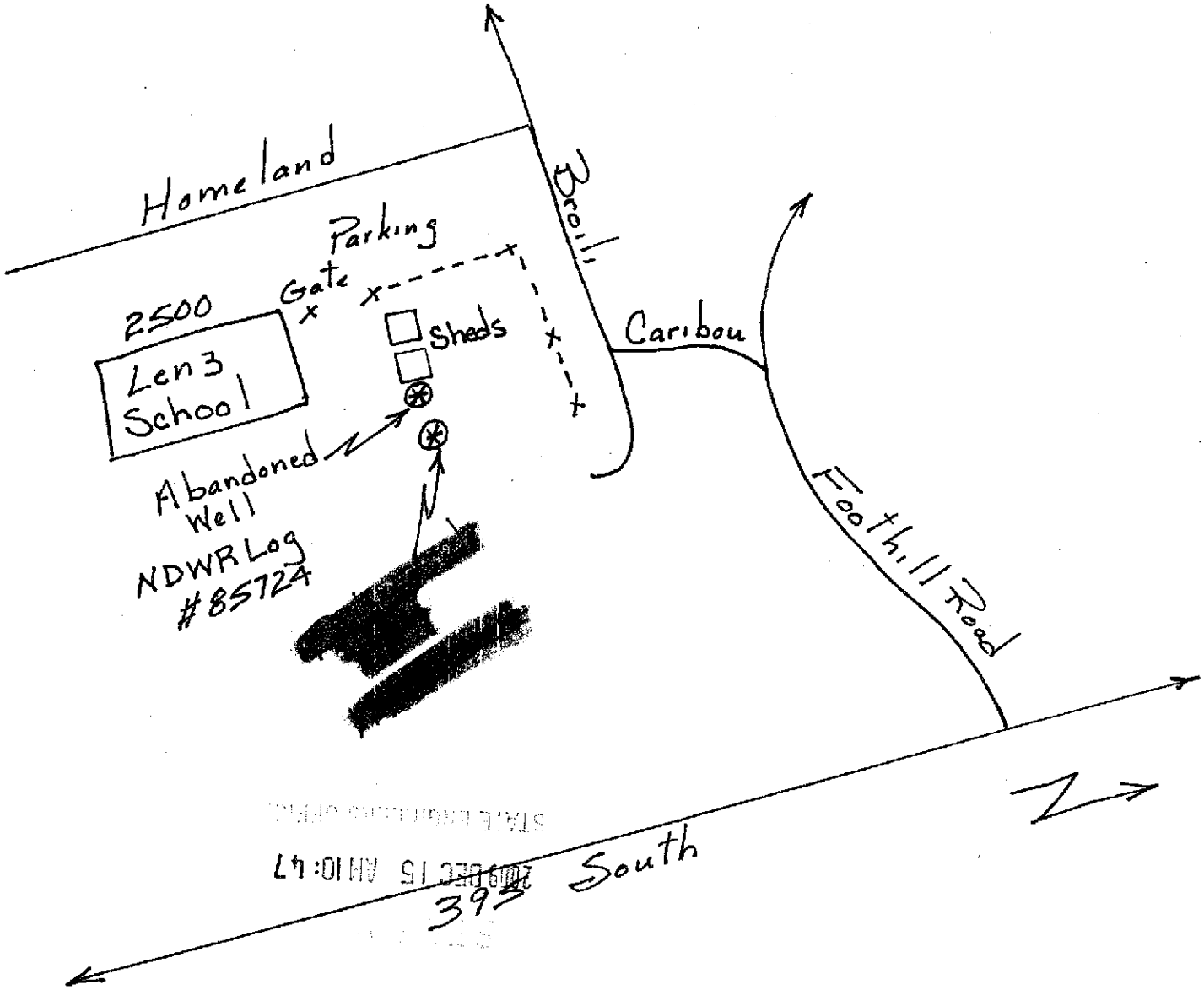
Len3 Elementary School
2500 Homeland Drive
Reno Nv 89511



2009 DEC 15 AM 10:47
STATE ENGINEER'S OFFICE