USGS Yard 2" Well

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

PRINT OR TYPE ONLY
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. 113024
Permit No. 1/3
Basin 103

NOTICE OF INTENT NO. 58423

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

ADDRESS AT WELL LOCATION USGS
2730 N. Deer Run Rd
Carson City Nv 89701

2. LOCATION NE ¼ NE ¼ Sec. 11 T. 15 North N/S R. 20 E. Carson City County

PERMIT NO. m/O # 1671 (Issued by Water Resources) | 008-541-90 (Parcel No.) | N/A (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 material - Asphalt - 4"				
Brown fine #16 Sand and 3/4 inch gravel		0.3	10	9 2/3
Gray fine #12 Sand & small gravel, minor Clay balls + Organics		10	21	11
Dark Clay		21	22	1
Coarse Sand + gravel		22	29 1/2	7 1/2
Tan DG + 1/2" gravel	(*)	29 1/2	38	8 1/2
Clay		38	40	2
Very Coarse Gravelly Sand, with Sandy Clay lenses interbedded		40	70	30
Sand Matrix		70	70 1/2	1/2
Clean Round/Angular Gravel	(*)	70 1/2	73	2 1/2
Brown Clayey Sand (dry)		73	97	24
Gravel lense - Grav. to 1/2"	(*)	97	103	6
Sticky Clay - minor Sand		103	109	6
Gravelly Sandy Clay - Not Wet		109	117	8

Date started January 29, 2011
Date completed January 31, 2011

7. WELL TEST DATA

TEST METHOD: ☐ Bailer ☑ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
4		2 1/2

GPS Location
39 1059.2 NAD 83
119 4158.9

8. WELL CONSTRUCTION
Depth Drilled 117 Feet Depth Cased 117 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
6.625 Inches	0 Feet	117 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		0.218	0	117
	Flush Threads			

Perforations:
Type perforation Factory Slot
Size perforation 0.020 inch
From feet to feet
From 62 feet to 102 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 35 Feet
Placement Method: ☐ Pumped ☑ Poured 3/8" Pure Gold Bentonite Chips. 100% Solids
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 35 feet to 117 feet

9. WATER LEVEL
Static water level 27.91 feet below land surface
Artesian flow No G.P.M. P.S.I.
Water temperature °F Quality TBD

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 2-3-11

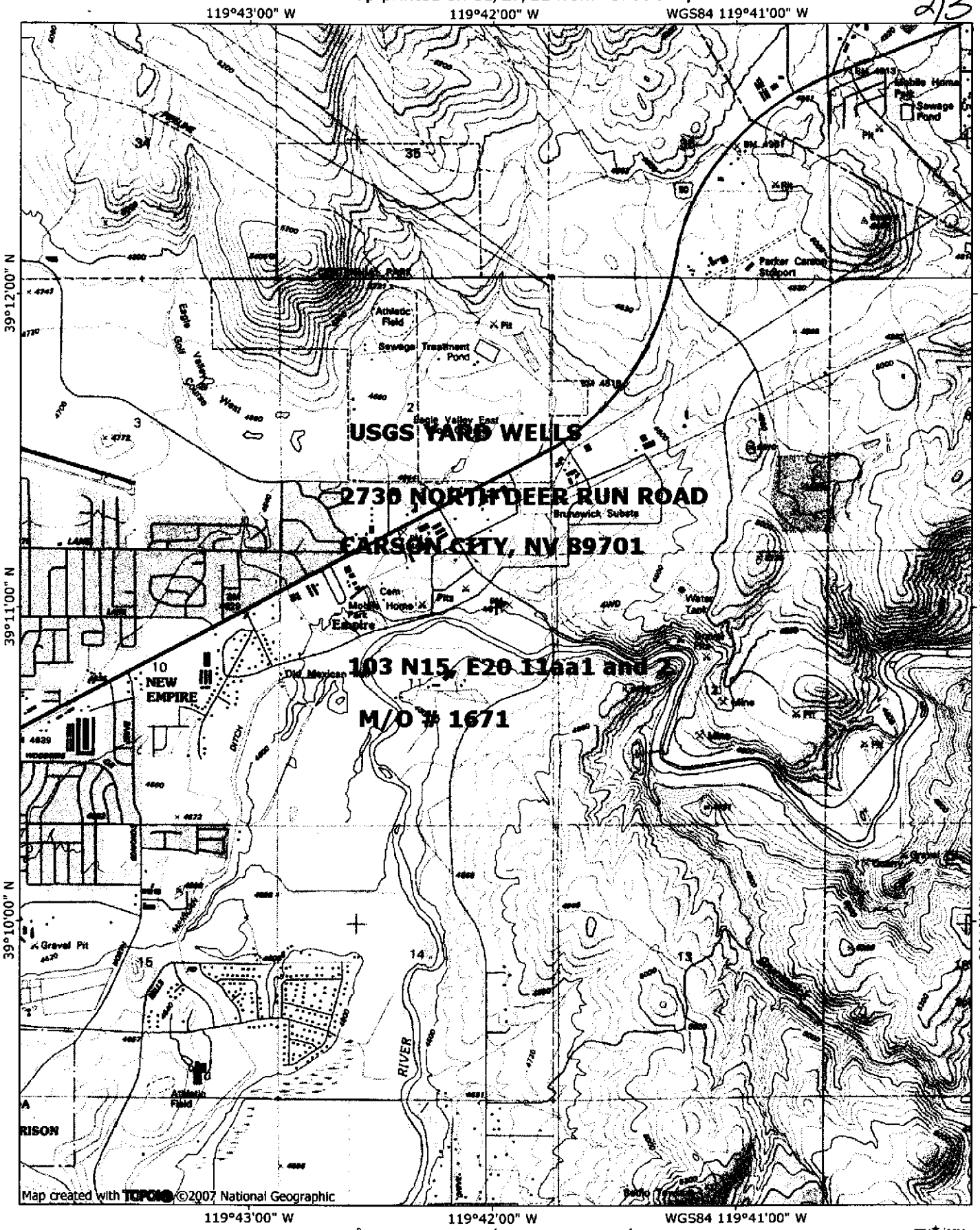
STATE ENGINEER'S OFFICE
2011 FEB 14 AM 11:39
RECEIVED

(Rev. 12-01) USE ADDITIONAL SHEETS IF NECESSARY 39.183200°N 119.698683°W NAD27 (TP) (O)-627

Log# 113024

TOPO! map printed on 01/27/11 from "Untitled.tpo"

2/3



NATIONAL GEOGRAPHIC

MILES 0 .5 1

FEET 1000 0 1000 2000 3000 4000 5000

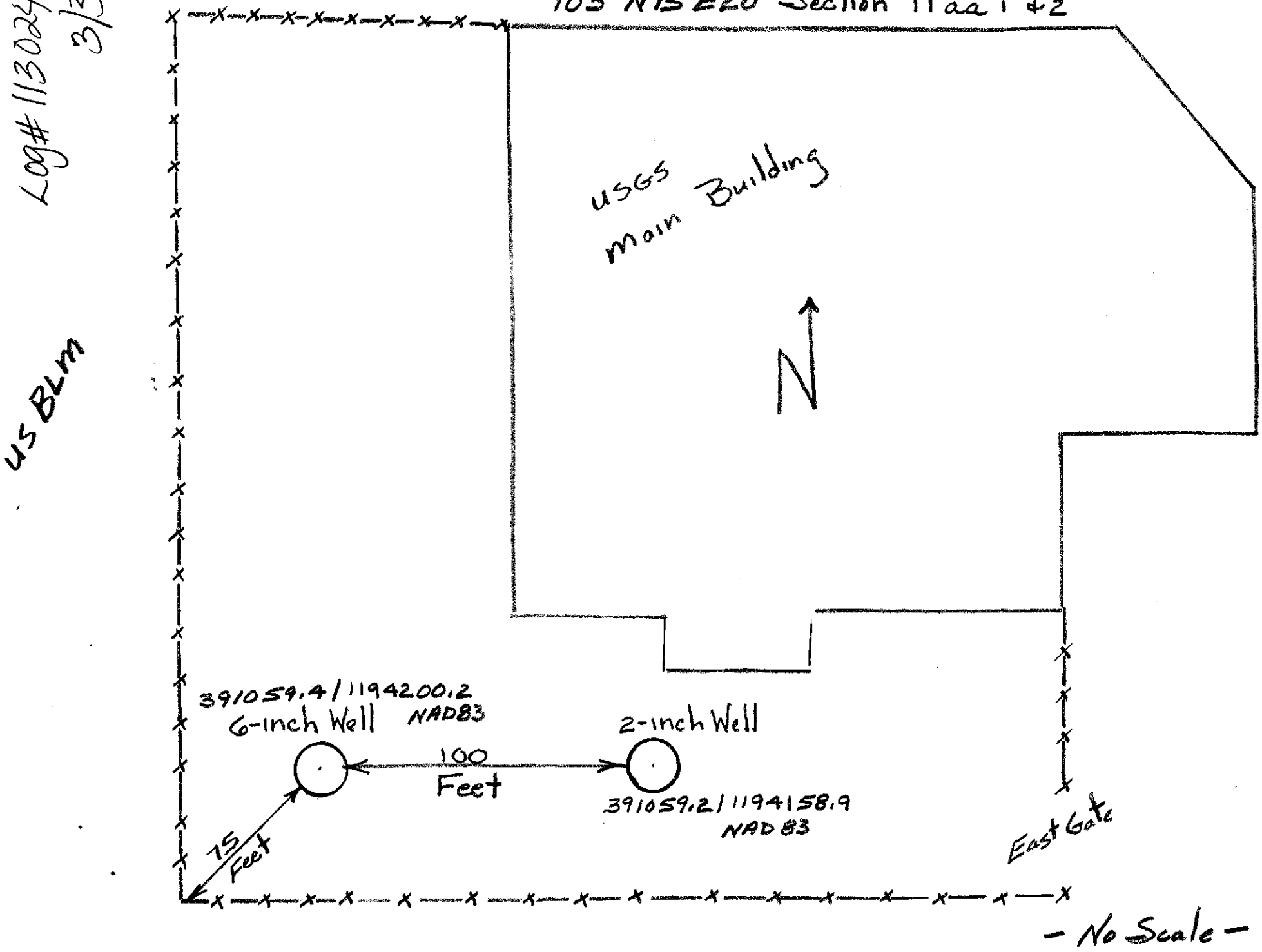
KILOMETERS 1 .5 0 1

METERS 1000 0 1000

TN MN 14°

01/27/11

USGS Yard Wells 2730 N. Deer Run Rd CC-Nv

103 N15E20 Section 11aa 1 + 2

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