USGS Yard 6-inch Well 1 of 3

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. 113023
Permit No.
Basin 103

NOTICE OF INTENT NO. 58423

1. OWNER US 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 [redacted] NE ¼ NE ¼ Sec. 11 T. 15 North N/S R. 20 E. Carson City County
PERMIT NO. M10 1671 Issued by Water Resources | 008-54190 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 (Mud)

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Parking Lot Asphalt	To	4	-Inches	
Very Coarse Sand and gravel To 1/2 inch	⊗	0	70	70
Angular gravel (1-inch)		70	84	14
Sandy Gravel-minor Clay		84	91	7
Sandy Gravelly Clay		91	102	11
Coarse Sandy Gravel		102	103	1
Sandy Gravelly Clay lense		103	116	13
Very Coarse Sandy Gravel		116	123	7
Sandy pea Gravelly Clay		123	136	13
Clay lense-dense		136	138	2
Sandy Gravelly Clay		138	146	8
Gravel & Cobble		146	151	5

Date started February 5, 2011
Date completed February 8, 2011

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
GPS	Location	
39 10 59.4	NAD 83	
119 42 00.2		

8. WELL CONSTRUCTION
Depth Drilled 151 Feet Depth Cased 151 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
12.25 Inches		0 Feet	151 Feet
Inches		Feet	Feet
Inches		Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8		0.432	0	151
	Flush Threads			

Perforations:
Type perforation Factory Slot
Size perforation 0.020 and 0.030
From feet to feet
From 0.020 81 feet to 101 feet
From feet to feet
From 0.030 101 feet to 141 feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 0 to 49
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout → Pure Gold Grout
Gravel Packed: ☑ Yes ☐ No
From 55 feet to 151 feet

9. WATER LEVEL
Static water level 26.47 feet below land surface
Artesian flow NO G.P.M. P.S.I.
Water temperature Cold °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 2-10-11

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

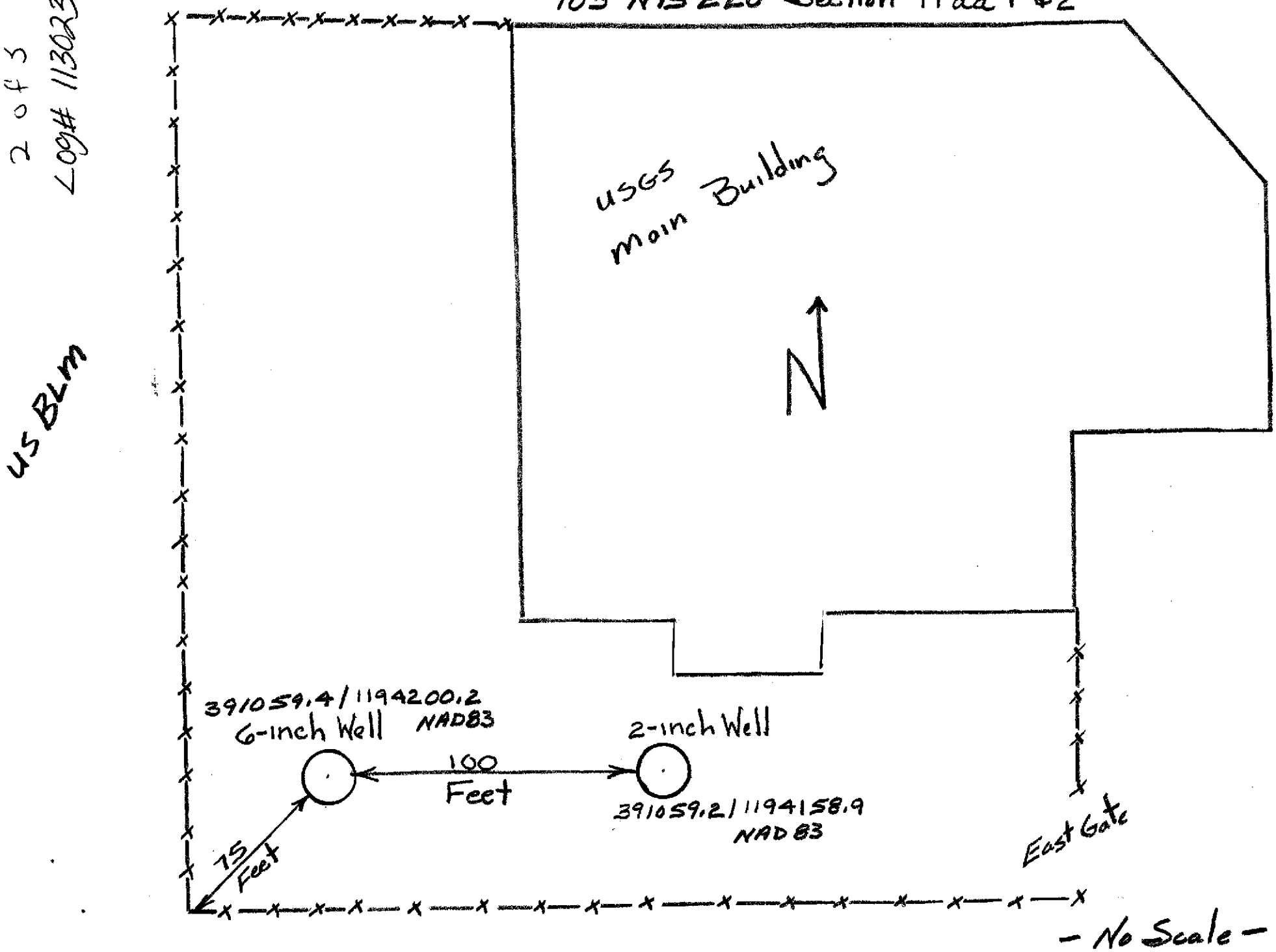
(Rev. 12-01) USE ADDITIONAL SHEETS IF NECESSARY 39.183256°N 119.699044°W NAD 27 (O)-627

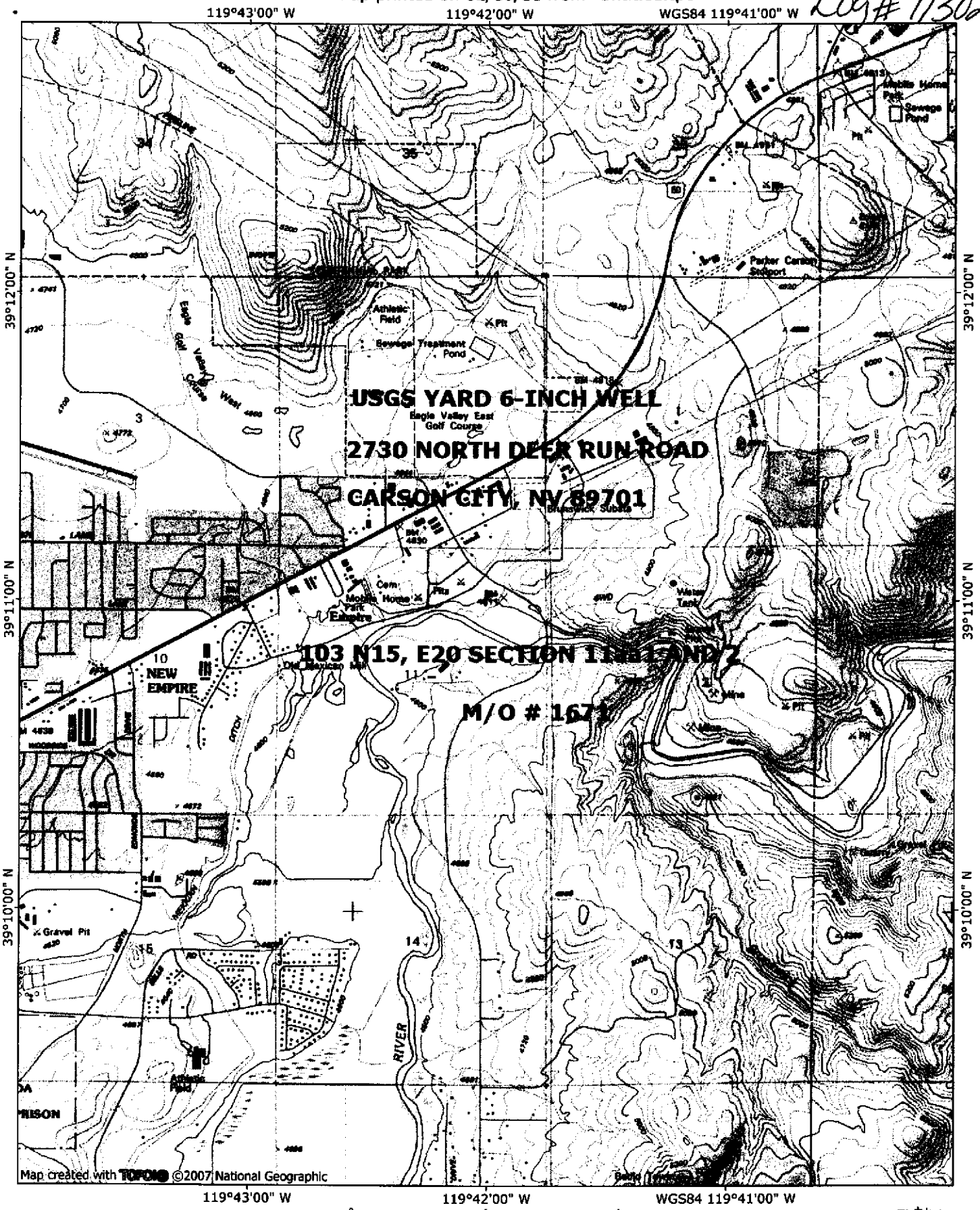
USGS Yard Wells 2730 N. Deer Run Rd CC-Nv

103 N15E20 Section 11aa 1 + 2

2 of 3

Log# 113023



TOPO! map printed on 02/10/11 from "Untitled.tpo"

Log# 113023