

# Carico Lake Valley well

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

## 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. 84957  
 Permit No. \_\_\_\_\_  
 Basin 55

NOTICE OF INTENT No. 3810

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

1. OWNER U.S. Geological Survey ADDRESS AT WELL LOCATION Reese River, Carico Lake Valley road, at ton of pass  
 MAILING ADDRESS 333 W. Nye Lane Carson City, NV

2. LOCATION SE 1/4 NW 1/4 Sec 24 T 24 N/S R 43 E Lander County  
 PERMIT NO. M/0-1212 05-040-01 Subdivision Name \_\_\_\_\_  
Issued by Water Resources Parcel No.

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
Cobbles, gravel, sand and silt		0	40	40
Gravel, sand and clay		40	280	240
Clay and sand	x	280	400	120
Coarse sand	x	400	490	90
Green siltstone with clay seams at 500, 520, 540, and 550 ft	x	490	560	70

8. WELL CONSTRUCTION  
 Depth Drilled 560 Feet Depth Cased 560 Feet

HOLE DIAMETER (BIT SIZE)

From	To
9 7/8 Inches	0 Feet 125 Feet
7 7/8 Inches	125 Feet 560 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2	PVC	Sched. 80	+	125
2	PVC	Sched. 80	+	355
2	PVC	Sched. 80	+	560

Perforations: Machine slot  
 Type perforation \_\_\_\_\_  
 Size perforation 0.02"

From	feet to	feet
115	125	feet
335	355	feet
515	555	feet

Surface Seal:  Yes  No Seal Type: \_\_\_\_\_  
 Depth of Seal 0-98, 135-319, 365-503  Neat Cement  
 Placement Method:  Pumped  Concrete Grout  
 Poured  Pure Gault grout

Gravel Packed:  Yes  No  
 From 98-135, 319-365 feet to 503-560 feet

9. WATER LEVEL  
 Static water level Dry, 308, 320 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 Douglas K. Maurer  
 Address USGS 333 W. Nye Land Carson City, NV  
Contractor

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 1522

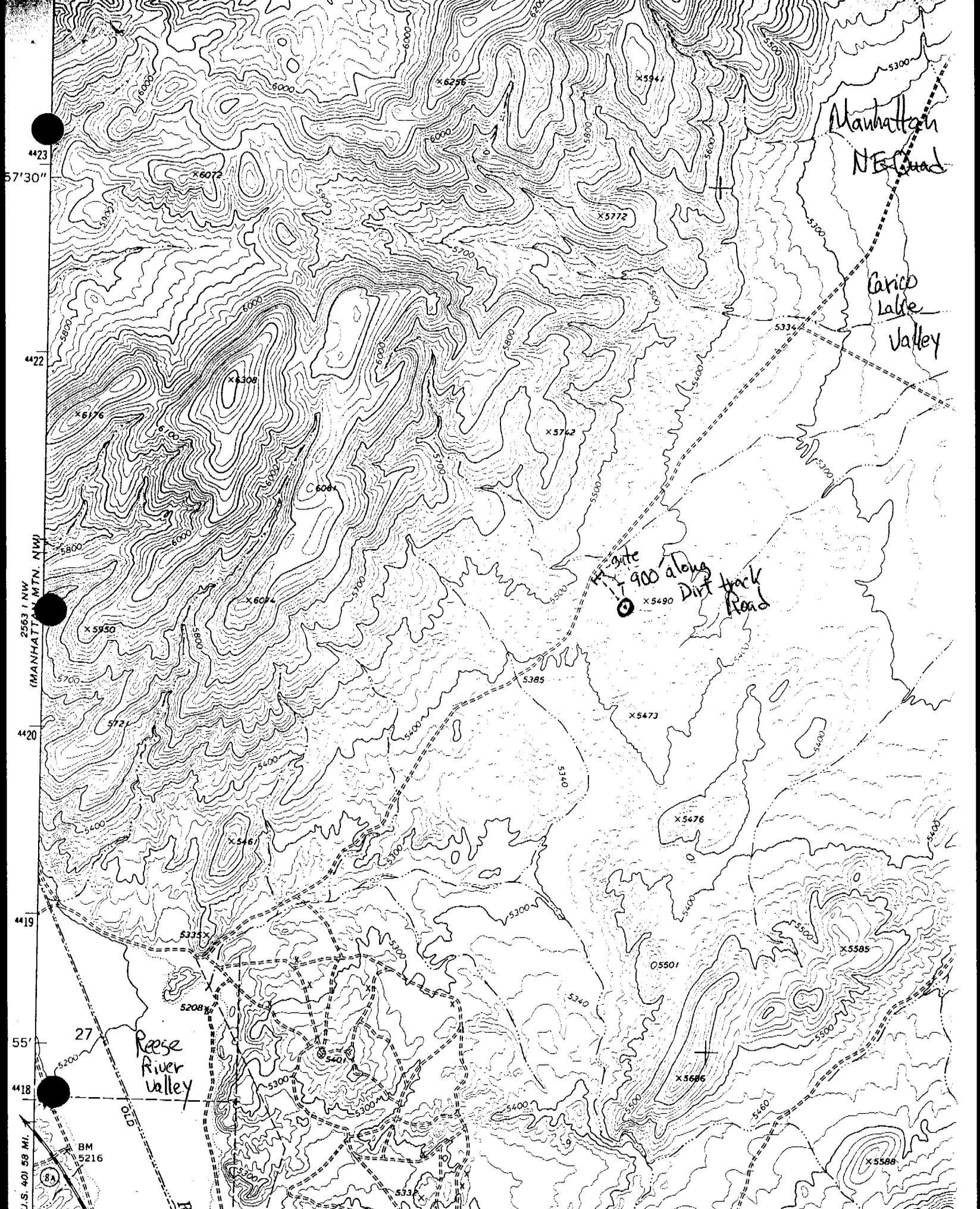
Signed Douglas K. Maurer  
 By driller performing actual drilling on site or contractor  
 Date 7/3/01

Date started June 18 2001  
 Date completed June 23 2001

7. WELL TEST DATA

TEST METHOD:  Bailor  Pump  Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Upper	-	-	1 1/2
Middle	1-2	?	4
Lower	3-4	?	1 1/2



4423  
57'30"

4422

2563 1 NW  
(MANHATTAN MTN. NW)

4420

4419

55'

418

(U.S. 40) 53 MI.

Manhattan  
NE Quad

Carico  
Lake  
Valley

Site 900 along  
Dirt Track  
Road

27  
Reese  
River  
valley

BM  
5216

8A