

DB-3

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

STATE OF NEVADA
DIVISION OF WATER RESOURCES

OFFICE USE ONLY
Log No. 86080
Permit No. 101
Basin

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

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

NOTICE OF INTENT NO. 38108

1. OWNER U.S. Geological Survey
MAILING ADDRESS 333 W. Nye Lane
Carson City, NV 89706
ADDRESS AT WELL LOCATION Tarzyn Rd.
see attached plat map
2. LOCATION SW 1/4 SW 1/4 Sec. 33 T. 20 N/S R. 29 E Churchill County
PERMIT NO. M/O 1239 009-411-27 none
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	Thick-ness
Sand and silt		0	25	25
Black muck		25	35	10
Black sand and gravel		35	50	15
Gray clay		50	55	5
Black clay		55	60	5
Black sand and gravel	x	60	70	10
Sand alternating with gray clay		70	85	15
Tan clay alternating with sand		85	140	55
Gray clay alternating with sand		140	227	87
Coarse sand and gravel	x	227	245	18
Tan clay		245	255	10
Sand and gravel	x	255	280	25
Tan and gray clay		280	383	103
Fractured basalt	x	383	390	7
Massive basalt	x	390	409	19
Basalt with clay-filled fractures	x	409	424	15
Gray clay alternating with fine sand		424	539	115

8. WELL CONSTRUCTION
Depth Drilled 539 Feet Depth Cased 463 Feet
HOLE DIAMETER (BIT SIZE)
From To
12 1/4 Inches 0 Feet 100 Feet
9 7/8 Inches 100 Feet 390 Feet
7 7/8 Inches 390 Feet 539 Feet
CASING SCHEDULE 4 strings
Size O.D. (Inches) Weight/Ft. (Pounds) Wall Thickness (Inches) From (Feet) To (Feet)
1- 2.0 PVC Sched 40 +1 81
2- 2.0 PVC Sched 80 +1 280
3- 2.0 PVC Sched 80 +1 405
4 Perforations: 2.0 PVC Sched 80 +1 463
Type perforation Machine slot
Size perforation 0.02
From 1- 61 feet to 81 feet
From 2- 260 feet to 280 feet
From 3- 395 feet to 405 feet
From 4- 433 feet to 463 feet
Surface Seal: Yes No Seal Type:
Depth of Seal 0-50, 100-248, 289-382, Neat Cement
Placement Method: Pumped 416-429, Cement Grout
 Poured 485-539 Concrete Grout
Bentonite grout
Gravel Packed: Yes No 485
From 50-100, 248-289, feet to 382-416, 429-485

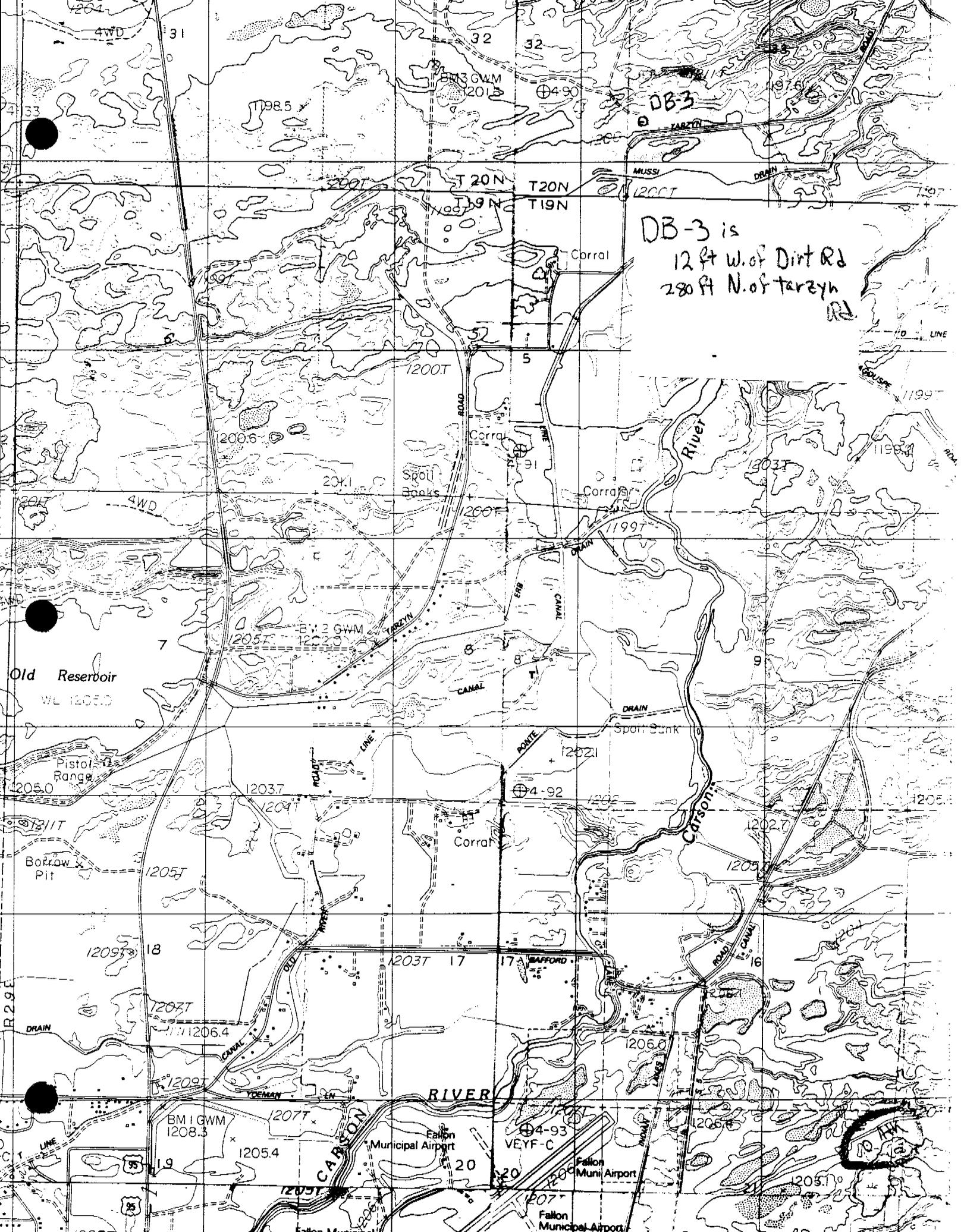
Date started 3/5, 2002
Date completed 3/10, 2002

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1- airlift/pmp	25/3.8	-/1.6	3
2- airlift/pmp	22/3.8	-/1.2	3
3- airlift/pmp	2.5/2	-/10.9	3
4- airlift/pmp	13/3.5	-/2.4	3

9. WATER LEVEL 27'
Static water level 1-11, 2-17, 3-28, 4-27 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 _____ Contractor
Address U.S. Geological Survey 333 W. Nye Lane
Carson City, NV 89706
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 H. Mauer
By driller performing actual drilling on site or contractor
Date March 27, 2002



DB-3 is
12 ft W. of Dirt Rd
280 ft N. of tarzyn Rd

Old Reservoir
WL 1205.0

85

Fallon Municipal Airport

10-13