1 of 3

STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT
Cardelli well

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

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

OFFICE USE ONLY
Log No. 112181
Permit No.
Basin 103

NOTICE OF INTENT NO. 38115

1. OWNER U.S. Geological Survey
MAILING ADDRESS 2730 N. Deer Run Road
Carson City, NV 89701

ADDRESS AT WELL LOCATION South west corner of Cardelli Rd and Carson River Rd.
Subdivision Name: County: Lyon

2. LOCATION NW ¼ NW ¼ Sec 4 T 16N N/S R 22 E
PERMIT/WAIVER No. M/O-1622 (Issued by Water Resources) 016-022-037 (Parcel No.)

Latitude 39.28569N
Longitude 119.52783W
UTM E
N
☐ NAD 27 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Replace ☐ Recondition ☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal/Industrial ☒ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC ☐ Air ☒ Other Auger-Hollow stem

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Brown silt		0	10	10
Sand and rounded gravel	x	10	22	12
Coarse sand and minor gravel	x	22	39	17

Date started: 28-Oct, 20 10
Date completed: 28-Oct, 20 10

9. WELL CONSTRUCTION
Depth Drilled 39 Feet Depth Cased 39 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6 5/8	Inches	0	Feet	39	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2	PVC	Sched 40	0	39

Perforations:
Type of perforation Machine slot
Size of perforation 0.02
From 29 feet to 39 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 14 to 39 ☐ Pumped ☒ Poured
Type: No 6 SRI sand
Bentonite Chips: ☒ Yes ☐ No 0 to 14 ☐ Pumped ☒ Poured
Type: CetCo Pure Gold medium chips, fully hydrated

7. Water Level
Static water level: 15.9 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: cool °F
Quality:

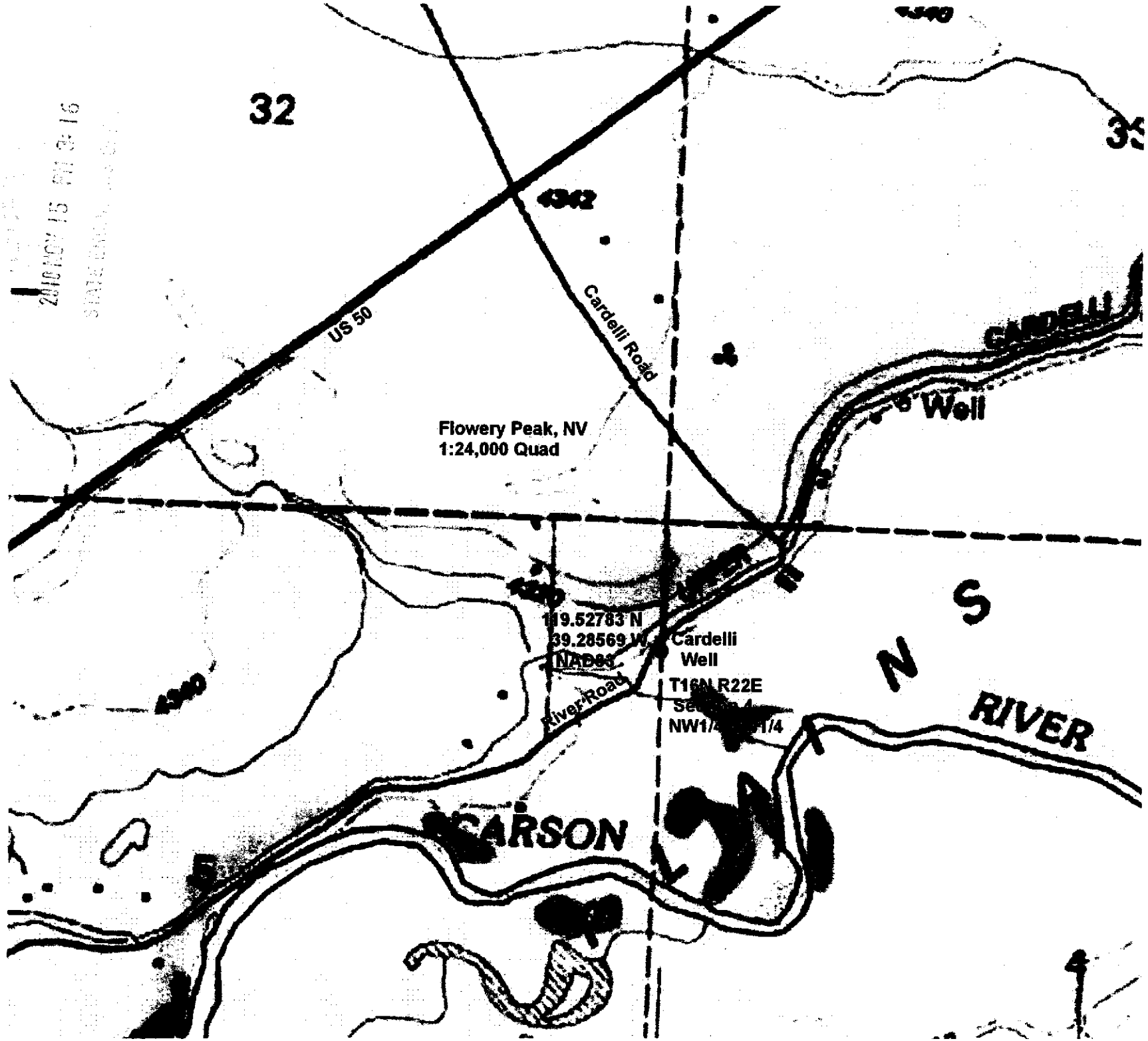
8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☒ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
2.3	0.2	1

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 (Contractor)
Address USGS 2730 N. Deer Run Rd., Carson City NV 89701 (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 (By driller performing actual drilling on site or contractor)
Date 11/15/10

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY 39.285776°N 119.526824°W NAD27 (TA)


32
35
4942
US 50
Cardelli Road
CARDELLI
Well
Flowery Peak, NV
1:24,000 Quad
4940
119.52783 N
39.28569 W
NAD83
Cardelli
Well
T16N R22E
NW1/4
River Road
N
S
RIVER
CARSON

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1/21/81