STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT
Ambrose 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. 112180
Permit No.
Basin 103

NOTICE OF INTENT NO. 38114

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

ADDRESS AT WELL LOCATION Northwest corner of parking lot for Ambrose Natural Area off N. Deer Run Rd.
Subdivision Name: County: Carson City

2. LOCATION SW ¼ SE ¼ Sec 11 T 15N N/S R 20 E
PERMIT/WAIVER No. M/O-1622 (Issued by Water Resources) 10-582-007 Parcel No.

Latitude 39.17269N
Longitude 119.70486W
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 silty sand and gravel	x	0	34	34
Silt and clay		34	64	30

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

7. Water Level
Static water level: 30.1 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)
0.8	16.4	2

9. WELL CONSTRUCTION
Depth Drilled 64 Feet Depth Cased 64 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
6 5/8	Inches	0	Feet	64	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	64

Perforations:
Type of perforation Machine slot
Size of perforation 0.02
From 39 feet to 49 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

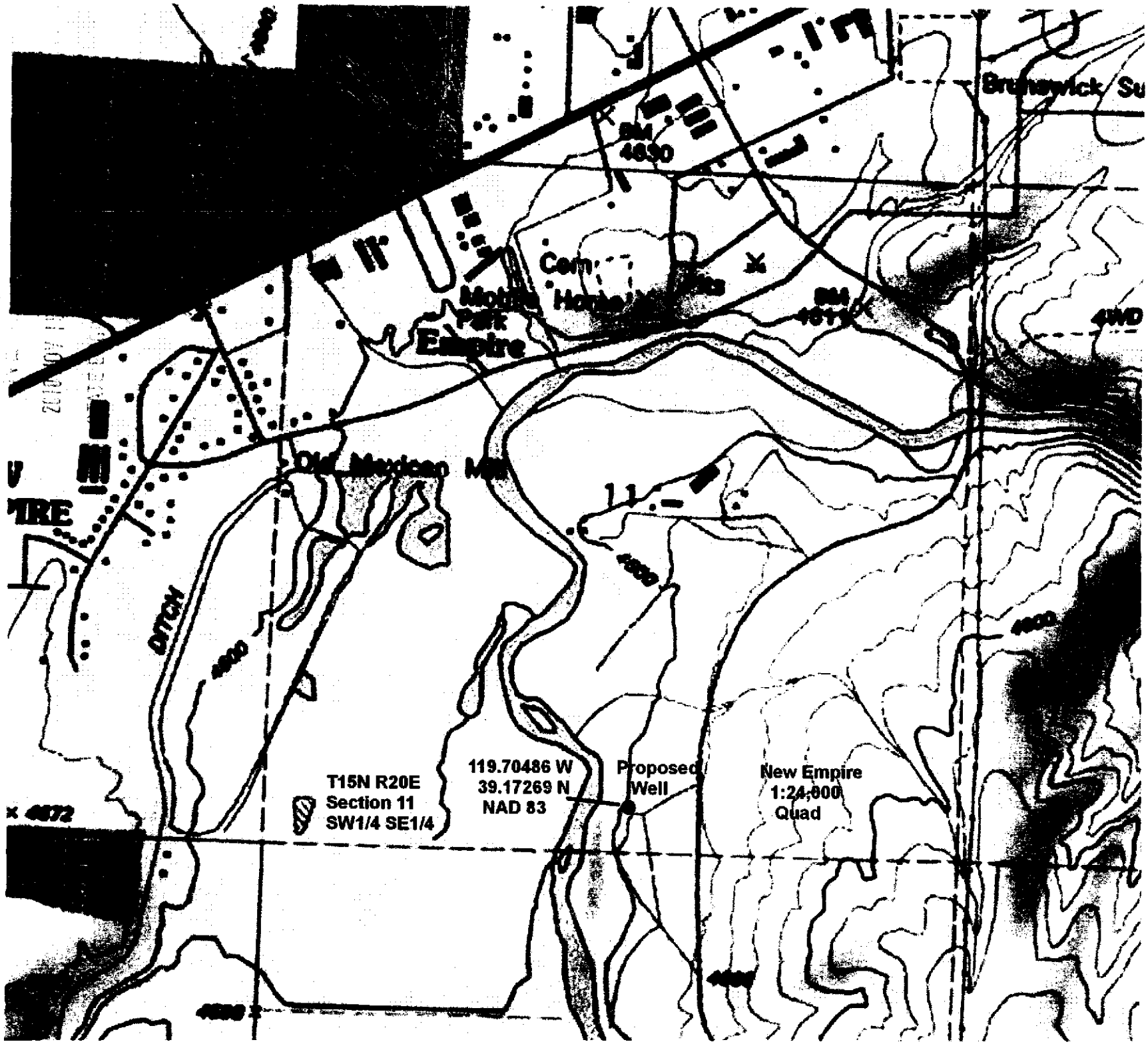
Annular Seal: ☒ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 36 to 64 ☐ Pumped ☒ Poured
Type: No 6 SRI sand
Bentonite Chips: ☒ Yes ☐ No 0 to 36 ☐ Pumped ☒ Poured
Type: CetCO Pure Gold medium chips, fully hydrated

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. 06-06) USE ADDITIONAL SHEETS IF NECESSARY

39.172779°N
119.703848°W NAD27 (TR)


Brunswick Su
BM 4830
Cem
Mobile Park
Empire
BM 4874
4WD
Old Mexican Min
DITCH
4800
4900
4800
4900
4800
4800
T15N R20E
Section 11
SW1/4 SE1/4
119.70486 W
39.17269 N
NAD 83
Proposed Well
New Empire
1:24,000
Quad

2 of 3
11/21/06