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

OFFICE USE ONLY
Log No. 112248
Permit No.
Basin 196 1/2

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 64603

1. OWNER U.S. Geological Survey
MAILING ADDRESS 2730 Deer Run Rd. Carson City NV

ADDRESS AT WELL LOCATION About 21 mi south of Baker NV and 1 mi southwest of Big Springs
Subdivision Name: County: White Pine

SE NW Sec 32 9½N 70E

2. LOCATION NE ¼ NW ¼ Sec 32 T N/S R 70 E
PERMIT/WAIVER No. M/O-1654 (Issued by Water Resources) Parcel No.

Latitude
Longitude
UTM E 747687 N 4285846 ☐ 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Weathered limestone		215	480	265
Little water at 480 ft	at 480			
Hole making a lot of water at 500 ft	X			
Solid limestone with fractured intervals		480	700	220
Page 2 of 2. Page 2 is log and construction for 13-inch hole				

Date started: 7-Jul 20 10
Date completed: 31-Aug 20 10

7. Water Level
Static water level: 355 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
		2.5

9. WELL CONSTRUCTION
Depth Drilled 215 Feet Depth Cased 700 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
13	Inches	215	Feet	700	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8		0.25	0	700

Perforations:
Type of perforation 0.02-in slots
Size of perforation
From 500 feet to 700 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No

☒ Neat Cement	0 to 20	☒ Pumped	☐ Poured	2" Tremie
☐ Cement Grout	to	☐ Pumped	☐ Poured	
☐ Concrete Grout	to	☐ Pumped	☐ Poured	
☒ 30% Bentonite Grout	20 to 445	☒ Pumped	☐ Poured	2" Tremie

Gravel Pack: ☒ Yes ☐ No 450 to 700 ☐ Pumped ☒ Poured Through 2" Tremie
Type:
Bentonite Chips: ☒ Yes ☐ No 445 to 450 ☒ Pumped ☐ Poured 2" Tremie
Type:

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 (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 2342 - MW-FP
Signed (by driller performing actual drilling on site or contractor)
Date 9/15/10

(Rev 09-98) USE ADDITIONAL SHEETS IF NECESSARY

Pg 2/2

PLO

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

SE NW, Sec 32 T 9½ N, 70E

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

OFFICE USE ONLY
Log No. 112248
Permit No. —
Basin 196 2/2

NOTICE OF INTENT NO. 64603

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

ADDRESS AT WELL LOCATION About 21 mi south of Baker NV and 1 mi southwest of Big Springs
Subdivision Name: County: White Pine

2. LOCATION NE ¼ NW ¼ Sec 32 T 9½ N/S R 70 E
PERMIT/WAIVER No. M/O-1554 (Issued by Water Resources) Parcel No.
Latitude Longitude
UTM E 747687 N 4285846 ☐ 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Limestone sand, gravel, cobbles		0	215	215
Page 1 of 2. Page 1 is log and construction for 20-in hole				
NAD-27 GPS 38.686628°N 114.151559°W				
Well BS-SW				

Date started: 7-Jul 20 10
Date completed: 31-Aug 20 10

9. WELL CONSTRUCTION
Depth Drilled 215 Feet Depth Cased 215 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
20	Inches	0	Feet	215	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14		0.25	0	215

Perforations:
Type of perforation None
Size of perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No Tremied

☒ Neat Cement	0 to 20	☒ Pumped	☐ Poured
☒ Cement Grout	175 to 215	☒ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☒ 30% Bentonite Grout	20 to 175	☒ Pumped	☐ Poured

Gravel Pack: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type: Annular seal pumped through 2-in tremmie pipe

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

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

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

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 (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 2342 FP-MW
Signed (By driller performing actual drilling on site or contractor)
Date 9/15/10

USE ADDITIONAL SHEETS IF NECESSARY

Jackie Hennagan

PS 1/2

120