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

OFFICE USE ONLY
Log No. 117334
Permit No.
Basin 154

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. 66806

1. OWNER Solitario / Mt. Hamilton
MAILING ADDRESS 4251 Kipling STE 390
Wheatridge, CO 80033

ADDRESS AT WELL LOCATION Mt. Hamilton Project
45 miles W. of Ely, NV
Subdivision Name:
County: White Pine

2. LOCATION NW¼ SW¼ Sec 20 T 16 ☐N ☒S R 57 E
PERMIT/WAIVER No. MO/1726 Issued by Water Resources
009-400-07 Parcel No.

Latitude
Longitude
UTM E 062254.0 ☐ NAD 27
N 4343794.0 ☒ 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
Over burden		0	50	50
Gravel - Gray		50	105	55
Alluvium -	✓	105	550	445
		550		205
Limestone - Broken up	✓	~~445~~	755	~~205~~

Date started: 9-15, 20 11
Date completed: 9-22, 20 11

9. WELL CONSTRUCTION
Depth Drilled 755 Feet Depth Cased 750 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14	Inches	0	Feet	60	Feet
8	Inches	60	Feet	755	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10	28.06	0.250	0	60
4	(Sched 80)		+2.5	750

Perforations:
Type of perforation Slotted
Size of perforation 0.010
From 590 feet to 750 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 577 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 586 to 750 ☒ Pumped ☐ Poured
Type: 10/20 silica sand
Bentonite Chips: ☒ Yes ☐ No 577 to 586 ☒ Pumped ☐ Poured
Type: 3/8 coated pellets

7. Water Level
Static water level: 360 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality: Clear

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
15		24
39.234872°N		NAD27
115.579294°W		Dec/Deg

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Stewart Brothers Drilling Co. (Contractor)
Address P.O. Box 2067 Milan, NM 87021 (Contractor)
Nevada contractor's license number issued by the State Contractor's Board 0026661
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1867
Signed Doug Wht (By driller performing actual drilling on-site or contractor)
Date 11-10-11

(Rev. 05-00)
USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08)
(O) 627