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

OFFICE USE ONLY
Log No. 121340
Permit No.
Basin No. 043

PRINT OR TYPE IN BLACK INK 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. 72560
WELL NAME *(If applicable)*:

1. OWNER/CLIENT NAME THOMAS MORGAN
MAILING ADDRESS HC 64 BOX 52
DEETH, NV 89823

DETAILED ADDRESS AT WELL LOCATION 52 STARR VALLEY ROAD
Subdivision Name: SPECIAL LANDS *County:* ELKO

2. PLS LOCATION SW ¼ NE ¼ 24 Sec 37N N/S 60 E
PERMIT/WAIVER NO. 007-56A-005
Issued by Water Resources *Current Parcel No.*

Latitude UTM E 655956 [X] NAD 27
Longitude UTM N 4548904 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Deepen: Orig WL#
[X] Replacement: Original well log # 22800
[ ] Recondition: Original well log #

4. PROPOSED USE
[X] Domestic [ ] Irrigation [ ] Monitor
[ ] Mining / Dewater [ ] Com / Ind [ ] Stock
[ ] Test / Other [ ] Mun / QM [ ] Rec

5. WELL TYPE
[ ] Auger [X] Rotary [ ] RVC
[X] Air [ ] Mud [ ] Sonic
[ ] Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
TOPSOIL			0	2
CLAY & GRAVEL			2	60
FINE GRAVEL			60	70
SAND & GRAVEL			70	90
CLAY & GRAVEL			90	140
CLAY & SAND			140	150
CLAY & GRAVEL			150	200
SAND			200	220
CLAY & GRAVEL			220	230
SAND		230	230	250
SAND & CLAY			250	260
WHEN DEVELOPING THE WELL				
WE ONLY HAD 7 GPM				
DECIDED TO DEEPEN				
CLAY w/ FINE SAND			260	340
SAND		340	340	350
CLAY w/ SOME SAND			350	360
	NAD 27			
	41.078357°N			
	115.143517°W			

Date started: 13-Nov , 20 14
Date completed: 18-Nov , 20 14

9. CONSTRUCTION
Depth Drilled: 360 Feet Depth Cased: 360 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	260	Feet
6 1/8	Inches	260	Feet	360	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	13	.188	+2	260
5.563	14.63	.258	150	360

ANNULAR MATERIALS
Sanitary Seal [X] Yes [ ] No

[X] Neat Cement	0	to 105	[X] Pumped	[ ] Poured
[ ] Cement Grout		to	[ ] Pumped	[ ] Poured
[ ] Concrete Grout		to	[ ] Pumped	[ ] Poured
[ ] Bentonite Chips		to	[ ] Pumped	[ ] Poured
[X] Gravel Pack [> 0.2 in.]	105	to 260	[ ] Pumped	[X] Poured
[ ] Sand Pack [< 0.2 in.]		to	[ ] Pumped	[ ] Poured
[ ] Other, explain:		to	[ ] Pumped	[ ] Poured

PERFORATIONS:
Type of perforation: PLASMA CUT
Size of perforation: 3/16" X 4" 6 ROWS

From		To	
220	Feet	260	Feet
340	Feet	360	Feet
	Feet		Feet
	Feet		Feet
	Feet		Feet

7. WATER QUALITIES
Static water level: 115 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 60 ° Fahrenheit
Water Quality: GOOD

8. WELL TEST DATA
Test Method: [ ] Bailer [ ] Pump [X] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
AT 360'	40		1 HOUR
AT 260'	30		2 HOURS
AT 180'	25		2 HOURS
AT 160'	20		1/4 HOUR
AT 150'	8		1/4 HOUR

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name HACKWORTH DRILLING INC. *Contractor*
Address P.O. BOX 850, ELKO, NV 89803 *Contractor*
Nevada contractor's license number as issued by the *State Contractor's Board:* 020582
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 1408
Signed: *By driller performing actual drilling on site or contractor*
Date: 11/19/2014

(Rev. 12-13) USE ADDITIONAL SHEETS IF NECESSARY pg. of pg.

Replaces Well log 22800