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

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

OFFICE USE ONLY
Log No. 125536
Permit No.
Basin No. 042

NOTICE OF INTENT NO. 74040
WELL NAME *(If applicable)*:

1. OWNER/CLIENT NAME THOMAS HEIL
MAILING ADDRESS 15803 CALLE HERMOSA
GREEN VALLY, CA 91390

DETAILED ADDRESS AT WELL LOCATION ABOUT 2 1/4 MILES SW OF I 80 EXIT 360
Subdivision Name: RURAL *County:* ELKO

2. PLS LOCATION NW ¼ NE ¼ 15 Sec 37N N/S 63 E
PERMIT/WAIVER NO. 008-560-029
Issued by Water Resources *Current Parcel No.*

Latitude UTM E 681521 [X] NAD 27
Longitude UTM N 4551344 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Deepen: Orig WL#
[ ] Replacement: Original well log #
[ ] 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
ALLUVIUM			0	10'
FINE GREY/ BLACK ROCK			10'	100'
COURSER GREY/BLACK ROCK		X	100'	220'
FINE GREY/BLACK ROCK			220'	300'
COURSEER ROCK		X	300'	330'
FINE GREY/BLACK ROCK		X	330'	460'
COURSER ROCK			460'	530'
A LITTLE GREY CLAY			530'	540'
BLACK SHALE / GREY CLAYS			540'	630'
BLACK CRYSTLINE LIME STON		XX	630'	660'

Date started: 20-Jun , 20 16
Date completed: 12-Jul , 20 16

7. WATER QUALITIES
Static water level: 283' Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 58 ° 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)
640'	7.5		3HR
580'	7.5	NAD 27	3HR
320'	3	41.095018	3HR
		114.838666	

9. INSTRUCTION
Depth Drilled: 660' Feet Depth Cased. 660' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	660'	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	13	.188	+1.5	660'

ANNULAR MATERIALS
Sanitary Seal [X] Yes [ ] No

[X] Neat Cement	5'	to 25'	[ ] Pumped	[X] Poured
[ ] Cement Grout		to	[ ] Pumped	[ ] Poured
[ ] Concrete Grout		to	[ ] Pumped	[ ] Poured
[X] Bentonite Chips	25'	to 55'	[ ] Pumped	[X] Poured
[X] Gravel Pack [> 0.2 in]	55'	to 660'	[ ] 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"X4" 6 ROWS

From 336'	Feet	To 376'	Feet
From 556'	Feet	To 576'	Feet
From 636'	Feet	To 646'	Feet
From	Feet	To	Feet
From	Feet	To	Feet

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: [signature] *By driller performing actual drilling on site or contractor*
Date: 7/28/2016

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