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

OFFICE USE ONLY
Log No. 120645
Permit No.
Basin No. 045

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. 71632
WELL NAME *(if applicable)*:

1. OWNER/CLIENT NAME FRANK RUGH
MAILING ADDRESS 246 LAWNDALE DR
SPRING CREEK, NV 89815

DETAILED ADDRESS AT WELL LOCATION 345 DIAMOND LADY LN
BLOCK S LOT 10
Subdivision Name: PLEASANT VALLEY ESTATES *County:* ELKO

2. PLS LOCATION SW ¼ NE ¼ 26 Sec 33N N/S 57 E
PERMIT/WAIVER NO. 023-019-010
Issued by Water Resources *Current Parcel No.*

Latitude UTM E 625392 ☒ NAD 27
Longitude UTM N 4508249 ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ Reconditioning: Original well log #

4. PROPOSED USE
☒ Domestic ☐ Irrigation ☐ Monitor
☐ Mining / Dewater ☐ Com / Ind ☐ Stock
☐ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☐ Auger ☒ Rotary ☐ RVC
☒ Air ☐ Mud ☐ Sonic
☐ Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
TOP SOIL			0	1
GRAVEL & SAND			1	10
GRAVEL & CLAY			10	50
GRAVEL			50	60
GRAVEL & CLAY			60	80
SAND & CLAY			80	100
GRAVEL & CLAY		X	100	200
SAND & GRAVEL		XX	200	240
1ST WATER 200'				
NAD 27				
40.717526				
115.515425				

Date started: 9-Sep , 20 14
Date completed: 9-Sep , 20 14

9. CONSTRUCTION
Depth Drilled: 240 Feet Depth Cased: 238 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	240	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	+2	238

ANNULAR MATERIALS
Sanitary Seal ☒ Yes ☐ No

☒ Neat Cement	4	to	105	☒ Pumped	☐ Poured
☐ Cement Grout		to		☐ Pumped	☐ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☐ Bentonite Chips		to		☐ Pumped	☐ Poured
☒ Gravel Pack [> 0.2 in.]	105	to	240	☐ Pumped	☒ 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" 7 ROWS

From	Feet	To	Feet
218	Feet	238	Feet
	Feet		Feet
	Feet		Feet
	Feet		Feet
	Feet		Feet

7. WATER QUALITIES
Static water level: 174 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 55 ° Fahrenheit
Water Quality: GOOD

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

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
AT 235'	30		2 HOURS
AT 215'	30		1 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: Royce L Hackworth (By driller performing actual drilling on site or contractor)
Date: 9/10/2014

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