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

OFFICE USE ONLY
Log No. 121666
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. 71627
WELL NAME *(if applicable)*:

1. OWNER/CLIENT NAME STEVE MCDERMOTT
MAILING ADDRESS P.O. BOX 281322
LAMOILLE,NV 89828

DETAILED ADDRESS AT WELL LOCATION CHEVALIER RANCH
12 MILES EAST OF LAMOILLE
Subdivision Name: RURAL *County:* ELKO

2. PLS LOCATION SW ¼ SE ¼ 20 Sec 34N N/S 59 E
PERMIT/WAIVER NO. 007-310-003
Issued by Water Resources *Current Parcel No.*

Latitude UTM E 11T 0639914 ☒ NAD 27
Longitude UTM N 4518655 ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☐ New Well ☐ Deepen: Orig WL#
☒ Replacement: Original well log # 4833
☐ Recondition: 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	2
BIG COBBLES & GRAVEL			2	20
MED SIZE GRAVEL			20	110
CLAY & GRAVEL			110	120
PEA GRAVEL			120	130
CLAY w/ SAND			130	140
PEA GRAVEL			140	150
COARSE SAND w/ some CLAY			150	160
GREEN CLAY			160	190

NAD 27
40.808893°N
115.341229°W

Date started: 1-Jul , 20 14
Date completed: 3-Jul , 20 14

9. CONSTRUCTION
Depth Drilled: 190 Feet Depth Cased: 170 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	190	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	170

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 190	☐ 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
120		160	

7. WATER QUALITIES
Static water level: 25 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 160'	60		3 HOURS
AT 140'	50		1/2 HOUR
AT 120'	50		1 HOUR
AT 100'	40		1/2 HOUR
AT 80'	30		1/2 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):* 1653
Signed: *Driller performing actual drilling on site or contractor*
Date: 7/8/2014

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

Replaces well log 4833