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

OFFICE USE ONLY
Log No. 11679
Permit No. 82173
Basin 049

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. 70263

1. OWNER ELKO COUNTY
MAILING ADDRESS 540 COURT STREET, SUITE 101
ELKO, NV 89801

ADDRESS AT WELL LOCATION 308 ELKO SHOOTING RANGE ROAD
Subdivision Name: RURAL County: ELKO

2. LOCATION NE ¼ SW ¼ Sec 25 T 34N N/S R 54 E
PERMIT/WAIVER No. 82173 (Issued by Water Resources) 005-510-900 Parcel No.
Latitude
Longitude
UTM E 11T 0597183 [X] NAD 27
N 4517079 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[X] Municipal/Industrial [ ] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [X] Rotary [ ] RVC
[X] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
TOP SOIL		0	1	1
REDISH BROWN FINE		1		
GRAVEL w/ SAND			55	54
GREY GREEN SHALE		55	180	125
SANDSTONE	X	180	190	10
GREY GREEN GRAVEL		190	200	10
GREY BLACK SHALE GRAVEL	XX	200	220	20
NAD27				
40.800870° N				
115.847959° W				
1ST WATER X	180			
2ND WATER XX	200			
2" PORT WELDED ON SIDE				
OF CASING				

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Date started: 23-Apr, 20 13
Date completed: 24-Apr, 20 13

7. *Water Level*
Static water level: 111 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 60 °F
Quality: GOOD

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
AT 220'	27		1 1/2 HOURS
AT 200'	25		
AT 180'	20		
AT 160'	15		
AT 140'	5		

9. *WELL CONSTRUCTION*
Depth Drilled 220 Feet Depth Cased 220 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	220	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	220

Perforations:
Type of perforation PLASMA CUT
Size of perforation 3/16" X 4", 7 ROWS
From 200 feet to 220 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [X] Yes [ ] No
[X] Neat Cement 4 to 105 [X] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured

Gravel Pack: [X] Yes [ ] No 105 to 220 [ ] Pumped [X] Poured
Type: 3/8" WASHED PEA GRAVEL
Bentonite Chips: [ ] Yes [X] No to [ ] Pumped [ ] Poured
Type:

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name HACKWORTH DRILLING, INC. (Contractor)
Address P. O. BOX 850 (Contractor)
ELKO, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 020582
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1653
Signed (By driller performing actual drilling on site or contractor)
Date 4/30/2013

(Rev. 06-06)

USE ADDITIONAL SHEETS IF NECESSARY