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

OFFICE USE ONLY
Log No. 116463
Permit No. 80483
Basin 054

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. 68917

1. OWNER PALISADES RANCH INC.
MAILING ADDRESS P.O. BOX 236
CARLIN, NV 89822-0236

ADDRESS AT WELL LOCATION DRY HILL SEEDING
Subdivision Name: BLM LANDS County: EUREKA

2. LOCATION NE ¼ SE ¼ Sec 34 T 31N N/S R 50 E
PERMIT/WAIVER No. 80483 (Issued by Water Resources) Parcel No.

Latitude
Longitude
UTM E 11T 0557944 [X] NAD 27
N 4484858 [ ] NAD 83/WGS 84

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

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

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
TOP SOIL STRIPPED				
GRAVEL		0	20	20
TAN CONGLOMERATE		20	140	120
TAN VOLCANIC		140	150	10
HARD RED VOLCANIC TUFT		150	255	105
HARD GREY VOLCANIC TUFT		255	480	225
BROWN VOLCANIC TURF	X	480	570	90
GREY VOLCANIC TUFT	X	570	700	130
TAN & GREY VOLCANIC w/				
CLAY	X	700	740	40
HARD GREY VOLCANIC TUFT	X	740	800	60
* Replaces original well log # 115063 which was plugged under NOI #68918				
* 2" ACCESS PORT WELDED ON SIDE OF CASING				

Date started: 20-Jul, 20 12
Date completed: 8-Aug, 20 12

7. Water Level
Static water level: 402 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 68 °F
Quality: FAIR

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
AT 700	25		4 HOURS
AT 640'	20		2 HOURS
AT 580'	16		2 HOURS

9. WELL CONSTRUCTION
Depth Drilled 800 Feet Depth Cased 800 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	Inches	0	Feet	740	Feet
7 7/8	Inches	740	Feet	800	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	800

Perforations:
Type of perforation PLASMA CUT
Size of perforation 5/16" X 4", 7 ROWS
From 720 feet to 800 feet
From 640 feet to 680 feet
From 540 feet to 580 feet
From feet to feet
From feet to feet

Annular Seal: [X] Yes [ ] No
[X] Neat Cement 3 to 25 [ ] Pumped [X] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured

Gravel Pack: [X] Yes [ ] No 55 to 800 [ ] Pumped [X] Poured
Type: 3/8" WASHED PEA GRAVEL
Bentonite Chips: [X] Yes [ ] No 25 to 55 [ ] Pumped [X] Poured
Type: 3/8" BENTONITE CHIPS

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 8/9/2012

(Rev. 08-06)

USE ADDITIONAL SHEETS IF NECESSARY

40.514321 °N
116.316040 °W
NAD27