

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

OFFICE USE ONLY
Log No. 115063
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. 67596

1. OWNER PALISAIDES RANCH INC ADDRESS AT WELL LOCATION DRY HILLS SEEDING
MAILING ADDRESS P. O. BOX 236 Stafford Canyon
CARLING, NV 89822-0236 Subdivision Name: BLM LANDS County: EUREKA

2. LOCATION NE 1/4 SE 1/4 Sec 34 T 31N N/S R 50 E Latitude N40 30' 51.1" UTM E NAD 27
PERMIT/WAIVER No. W-662/80483/005-130-08 Longitude W116 19' 01.7" N NAD 83/WGS 84
Issued by Water Resources Parcel No.

3. WORKED PERFORMED
 New Well Replace Recondition
 Deepen Other

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

5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
ALLUVIAN		0	5	5
TAN VOLCANIC		5	35	30
RED VOLCANIC		35	40	5
TAN VOLCANIC		40	120	80
WHITE VOLCANIC W/CLAY		120	130	10
WHITE VOLCANIC W/RED IRON	X	130	270	140
Incountered major caving from 60' to 120' and cased off that portion of the hole with 8" casing. Stepped down the casing to 6" and cased through the 8" casing. Major problem with fine sand coming into the hole. Drilled and drove the 6" casing from 150' to 190'. To much sand to over come coming into the hole. Could not set 6" any deeper. <u>Replaced by well log # 116463</u>				

9. WELL CONSTRUCTION

Depth Drilled	Feet	Depth Cased	Feet
270		190	

HOLE DIAMETER (BIT SIZE)

From	To	From	To
12 3/4	0	55	Feet
10	55	270	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8.625		.188	+1.5	130
6.625	13	.188	+2	190

Perforations:

Type of perforation plasma cut 6 rows
Size of perforation 1/8" x 3"

From <u>10</u>	feet to <u>40</u>	feet
From <u>130</u>	feet to <u>150</u>	feet
From _____	feet to _____	feet
From _____	feet to _____	feet

Annular Seal: Yes No

<input checked="" type="checkbox"/> Neat Cement	<u>0</u> to <u>20</u>	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Gravel Pack: Yes No _____ to _____ Pumped Poured

Type: _____

Bentonite Chips: Yes No 20 to 60 Pumped Poured

Type: 3/8" CHIPS

Date started: 2-Nov, 2011
Date completed: 18-Nov, 2011

7. Water Level
Static water level: 80 feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: _____ °F
Quality: GOOD

8. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
AIR LIFT	3.5		3 HOURS

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 1408

Signed [Signature]
By driller performing actual drilling on site or contractor

Date 11/22/2011