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

OFFICE USE ONLY
Log No. 122548
Permit No.
Basin No. 176

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. 72786
WELL NAME *(If applicable)*:

1. OWNER/CLIENT NAME DUVAL RANCHING CO.
MAILING ADDRESS HC 60 BOX 465
RUBY VALLEY, NV 89833

DETAILED ADDRESS AT WELL LOCATION DUVAL RANCH
Subdivision Name: RURAL *County:* ELKO

2. PLS LOCATION NE ¼ SE ¼ 36 Sec 34N N/S 60 E
PERMIT/WAIVER NO. 007-530-005
Issued by Water Resources *Current Parcel No.*

Latitude UTM E 656725 [X] NAD 27
Longitude UTM N 4516246 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Deepen: Orig WL#
[ ] Replacement: Original well log #
[ ] Recondition: Original well log #

4. PROPOSED USE
[X] Domestic [ ] Irrigation [ ] Monitor
[ ] Mining / Dewater [ ] Com / Ind [ ] Stock
[ ] Test / Other [ ] Mun / QM [ ] Rec

5. WELL TYPE
[ ] Auger [X] Rotary [ ] RVC
[X] Air [ ] Mud [ ] Sonic
[ ] Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
ALLUVIUM			0	20
GRAVEL			20	50
DARK GREEN CLAYS			50	100
GREY SHALE & CLAY		X	100	120
GREEN CLAYS		XX	120	140
GREY TUFF			140	152 .5

Nad 27
40.79411666 N
115.1426230 W

RECEIVED
2015 JUL 18 PM 2:
STATE ENGINEER'S OFFICE

Date started: 15-May , 20 15
Date completed: 18-May , 20 15

9. CONSTRUCTION
Depth Drilled: 152.5 Feet Depth Cased: 152.5 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 5/8	inches	0	Feet	152.5	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	+1.5	152.5

ANNULAR MATERIALS
Sanitary Seal [X] Yes [ ] No

[X] Neat Cement	0	to 104	[X] Pumped	[ ] Poured
[ ] Cement Grout		to	[ ] Pumped	[ ] Poured
[ ] Concrete Grout		to	[ ] Pumped	[ ] Poured
[ ] Bentonite Chips		to	[ ] Pumped	[ ] Poured
[X] Gravel Pack [> 0.2 in.]	104	to 152.5	[ ] Pumped	[X] 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
112.5	Feet	152.5	Feet
	Feet		Feet
	Feet		Feet
	Feet		Feet
	Feet		Feet

7. WATER QUALITIES
Static water level: 27 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 54 ° Fahrenheit
Water Quality: GOOD

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

	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
AT 150'-140'	15		1 HOUR
AT 140'-120'	14		.5 HOUR
AT 120'-100'	13		.5 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):* 2329
Signed: *By driller performing actual drilling on site or contractor*
Date: 5/20/2015

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