

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

OFFICE USE ONLY
Log No. 111474
Permit No. _____
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. 66000

1. OWNER OLIVER KUCKENBECKER ADDRESS AT WELL LOCATION EL DEE DR.
MAILING ADDRESS 518 MOUNTAIN CITY HWY UNIT 13
ELKO, NV 89801 Subdivision Name: ADOBE HEIGHTS County: ELKO

2. LOCATION SW ¼ NE ¼ Sec 1 T 34N N/S R 54 E Latitude UTM E 11T 0597630 NAD 27
PERMIT/WAIVER No. 005-51D-074 Longitude N 4524220 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
TOPSOIL		0	1	1
GRAVEL WITH BOULDERS		1	10	9
THICK TAN CLAY		10	90	80
BLACK PEDIMENT		90	110	20
GREY BROWN CLAY		110	130	20
GREY PEDIMENT		130	255	125
HARD GREY BLACK SHALE		255	300	45
VOLCANIC TUFT		300	410	110
HARD BLACK SILT STONE	X	410	490	80
SOFT BROWN SHALE		490	500	10
HARD GREY BLACK SHALE	XX	500	550	50
SOFT BROWN SHALE		550	560	10
1ST WATER X		420		
2ND WATER XX		540		

40.865134°W - GPS
115.841, 542°W NAD27 O.D.

RECEIVED
2010 AUG - 6 10:52
STATE ENGINEERS OFFICE

9. WELL CONSTRUCTION

Depth Drilled 560 Feet Depth Cased 560 Feet

HOLE DIAMETER (BIT SIZE)

	From	To		
<u>10 5/8</u> Inches	<u>0</u> Feet	<u>560</u> Feet		

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6.625</u>	<u>13</u>	<u>.188</u>	<u>+2</u>	<u>560</u>

Perforations:

Type of perforation MACHINED MILL SLOT
Size of perforation 3/16" X 3", 6 ROW

From	feet to		feet
<u>415</u>		<u>435</u>	
<u>540</u>		<u>560</u>	

Annular Seal: Yes No

<input checked="" type="checkbox"/> Neat Cement	<u>4</u> to <u>20</u>	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Gravel Pack: Yes No 50 to 560 Pumped Poured
Type: 3/8" WASH PEA GRAVEL

Bentonite Chips: Yes No 20 to 50 Pumped Poured
Type: 3/8" CHIPS

7. Water Level
Static water level: 351 feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: 62 °F
Quality: GOOD

8. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>125 PSI @</u>			
<u>825 CFM</u>			
<u>FROM 550'</u>	<u>40</u>		<u>3 HRS</u>
<u>FROM 400'</u>	<u>15</u>		<u>1/2 HRS</u>

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

Date 8/2/2010