

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

OFFICE USE ONLY

Log No. 104787
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. 59451

1. OWNER Barry Langendorf ADDRESS AT WELL LOCATION 6487 Ranchero Drive
MAILING ADDRESS P.O. Box 9155 Elko, NV 89801
Pahrump, NV 89060 Subdivision Name: _____ County: Elko

2. LOCATION NW 1/4 NW 1/4 Sec 1 T 34N N/S R 54 E Latitude 40.866615N UTM E NAD 27
PERMIT/WAIVER No. 005-51D-051 Longitude 115.850927W N NAD-27 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
Subsoil		0	5	5
Cemented Gravel		5	28	23
Red Sandstone		28	132	104
Pink Sandstone		132	194	32
Blue Clay		194	281	87
Pink Clay		281	309	28
Yellow Sandstone		309	354	45
Light Green Sandstone	X	354	410	56
Blue Clay		410	432	22
Pink Sandstone		432	485	53
Fractured Rock/small veins water	X	485	515	30
Sandstone		515	526	11
Hard Rock		526	532	6
Sandstone		532	580	48
Hard Rock/some water	X	580	620	40
Black Oil Shale		620	680	60
Plugged Hole Back to 620 with Benonite Chips 3/8 Hole Plug				

9. WELL CONSTRUCTION

Depth Drilled 680 Feet Depth Cased 620 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
<u>10</u> Inches	<u>0</u> Feet	<u>620</u> Feet
<u>6</u> Inches	<u>620</u> Feet	<u>680</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6</u>	<u>12.92</u>	<u>188</u>	<u>+1</u>	<u>20</u>
<u>6</u>		<u>SDR 17</u>	<u>20</u>	<u>620</u>

Perforations:

Type of perforation screen

Size of perforation 0.032

From	feet to	feet
<u>360</u>	<u>380</u>	feet
<u>480</u>	<u>520</u>	feet
<u>580</u>	<u>600</u>	feet
From	feet to	feet
From	feet to	feet

Annular Seal: Yes No

Neat Cement _____ to _____ Pumped Poured

Cement Grout _____ to _____ Pumped Poured

Concrete Grout 0 to 19 Pumped Poured

≥30% Bentonite Grout _____ to _____ Pumped Poured

Gravel Pack: Yes No 54 to 620 Pumped Poured

Type: 3/8 PEA GRAVE;

Bentonite Chips: Yes No 19 to 54 Pumped Poured

Type: 3/8 plug

Date started: 14-Mar , 20 07

Date completed: 25-Mar , 20 07

7. Water Level

Static water level: 334 feet below land surface

Artesian Flow: _____ G.P.M. _____ P.S.I.

Water Temperature: _____ °F

Quality: _____

8. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
APPROX	<u>10</u>		<u>14</u>

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name SHAREL C. FERTIG SR. dba FERTIG DRILLING COMPANY
Contractor

Address P.O. BOX 525
Contractor

ELKO, NV 89803

Nevada contractor's license number issued by the State Contractor's Board 031904

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1584

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

Date 70-3-30-07