

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

OFFICE USE ONLY  
Log No. 123780  
Permit No. 82737  
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. 70689  
WELL NAME (if applicable): \_\_\_\_\_

1. OWNER/CLIENT NAME Thompson Creek Ranch  
MAILING ADDRESS P.O. Box 71008  
Salt Lake City, UT 84171

DETAILED ADDRESS AT WELL LOCATION 2 mi. past pavement, Ruby  
Valley  
Subdivision Name: \_\_\_\_\_ County: Elko

2. PLS LOCATION SW  $\frac{1}{4}$  NW  $\frac{1}{4}$  22 Sec 31N N/S 59 E  
PERMIT/WAIVER NO. 82737 007-280.001  
Issued by Water Resources Current Parcel No.

Latitude 40°33.433 UTM E  NAD 27  
Longitude 115°18.661 UTM N  NAD 83/WGS 84

3. WORKED PERFORMED  
 New Well  Deepen: Orig WL# \_\_\_\_\_  
 Replacement: Original well log # \_\_\_\_\_  
 Recondition: Original well log # \_\_\_\_\_

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

5. WELL TYPE  
 Auger  Rotary  RVC  
 Air  Mud  Sonic  
 Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To	Thick-ness
top soil & boulders			0	10	10
boulders & sand & gravel					
brown clay			40	50	10
sand & gravel			50	70	20
brown clay			70	78	8
sand & gravel			78	110	32
cemented sands			110	130	20
sand & gravel			130	190	60
sandstone			190	200	10
sand & small gravel			200	290	90
sandstone			290	320	30
sand & small gravel			320	380	60

9. WELL CONSTRUCTION

Depth Drilled: 380 Feet Depth Cased: 380 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>24</u> Inches	<u>0</u> Feet <u>380</u> Feet
_____ Inches	_____ Feet _____ Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>12 3/4</u>		<u>280</u>	<u>+2</u>	<u>380</u>
_____	_____	_____	_____	_____

PERFORATIONS:

Type of perforation: mill slot  
Size of perforation: 3/16x3

From	To
<u>100</u> Feet	<u>120</u> Feet
<u>140</u> Feet	<u>160</u> Feet
<u>180</u> Feet	<u>220</u> Feet

ANNULAR MATERIALS

<input checked="" type="checkbox"/> Sanitary Seal	<u>0</u> to <u>100</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Neat Cement	<u>0</u> to <u>100</u>	<input type="checkbox"/> Pumped	<input 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"/> Bentonite Chips	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Bentonite Grout	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> 15% <input type="checkbox"/> 20% <input type="checkbox"/> Other, explain: _____			
<input checked="" type="checkbox"/> Gravel Pack [ > 0.2 in. ]	<u>100</u> to <u>380</u>	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
<input type="checkbox"/> Sand Pack [ < 0.2 in. ]	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Other, explain: _____	_____ to _____	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Additional Perforations\*\*  
260 ft-300 ft  
319 ft-380 ft

RECEIVED  
2015 OCT -2 AM 11:59  
STATE ENGINEERS OFFICE

NAD 27  
40-557290  
115-310134

Date started: 20-Jun, 20 14  
Date completed: 10-Sep, 20 15

7. WATER QUALITIES  
Static water level: 40 Feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: 56 ° Fahrenheit  
Water Quality: \_\_\_\_\_

8. WELL TEST DATA

Test Method:	G.P.M.	Draw Down (Feet Below Static)	Recorded Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	<u>300</u>		<u>72</u>
_____	_____	_____	_____

10. DRILLER'S CERTIFICATION  
This well was drilled under my supervision. This report is true to the best of my knowledge.  
Name Alternative Drilling Co LLC  
Contractor  
Address P.O. Box 281166, Lamoille, NV 89828  
Contractor  
Nevada contractor's license number as issued by the State Contractor's Board: 73955  
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): 1689  
Signed: \_\_\_\_\_  
By driller performing actual drilling on site or contractor  
Date: 9-29-15