

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

OFFICE USE ONLY
 Log No. 119825
 Permit No. 82799
 Basin 064

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 70468

1. OWNER Orvaca Inc. ADDRESS AT WELL LOCATION Hot Springs Well
 MAILING ADDRESS HC66 Box 19A Golconda NV

2. LOCATION SW¼SW¼ Sec18T37N/ R44E Subdivision Name: _____ County: Humboldt
 Latitude 41.07835 UTM E NAD 27
 PERMIT/WAIVER NO. 82799 Parcel No. N/A Longitude 117.06667 N NAD 83/WGS 84
Issued by Water Resources

3. WORK 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
Clay		0	15	15
Sand & gravel		15	105	90
Clay		105	110	5
Sand & gravel	X	110	125	15
Clay		125	130	5
Gravel	X	130	150	20
Clay		150	155	5
Sand & fines	X	155	175	20
Clay		175	185	10
Fines & gravel	X	185	190	5
Brown Clay		190	195	5
Cobles	X	195	205	10
Brown clay		205	220	15
Yellow Clay		220	230	10
Sand/gravel	X	230	250	20
Yellow Clay		220	230	10
Sand/gravel	X	230	250	20
Yellow Clay		250	270	20
cobles/gravel	X	270	295	25
rock		295	300	5

9. WELL CONSTRUCTION
 Depth Drilled 300 Feet Depth Cased 300 Feet
 HOLE DIAMETER (BIT SIZE)
 From _____ To _____
26 Inches 0 Feet 100 Feet
17 3/4 Inches 100 Feet 300 Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	52.73	.250	0	100
12	24.20	.250	+18	300

Perforations:
 Type of perforation Factory Cut
 Size of perforation 3/32 X 4
 From 100 feet to 300 feet
 From _____ feet to _____ feet

Annular Seal: Yes No

Neat Cement 0 to 100 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured
 Gravel Pack: Yes No 0 to 300 Pumped Poured
 Type: _____
 Bentonite Chips: Yes No _____ to _____ Pumped Poured
 Type: _____

Date started: March 11, 20 14
 Date completed: March 18, 20 14

7. Water Level
 Static water level: 15 feet below land surface
 Artesian Flow: N/A G.P.M. N/A P.S.I.
 Water Temperature: Cool °F
 Quality: Good

8. WELL TEST DATA

TEST METHOD:	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	<input checked="" type="checkbox"/> Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
<u>694</u>	<u>41.07835465</u>	<u>10</u>	
	<u>117.06667269</u>		

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Fred Anderson Drilling, Inc.
 (CONTRACTOR)
 Address 10760 S. Grass Valley Road
 (CONTRACTOR)
Winnemucca, NV 89445
 Nevada contractor's license number issued by the State Contractor's Board 021467
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2083
 Signed Chris [Signature]
 By driller performing actual drilling on site or contractor
 Date April 7, 2014