

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

OFFICE USE ONLY

Log No. 106213  
Permit No. \_\_\_\_\_  
Basin 107

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. 61594

1. OWNER FARIAS WHEEL RANCH ADDRESS AT WELL LOCATION \_\_\_\_\_  
MAILING ADDRESS P.O. Box 27 Smith Valley  
Wellington, Nevada 89444 Subdivision Name: \_\_\_\_\_ County: Lyon

2. LOCATION SW ¼ NE ¼ Sec 34 T 12N N/S R 23 E Latitude 38.8603 UTM E  NAD 27  
PERMIT/WAIVER No. 18689 Longitude 119.3938 N  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
Top soil		0	3	3
Silty clay		3	10	7
Sand		10	11	1
Silty clay		11	17	6
Sand, gravel w/clay layers		17	24	7
Clay w/sand, gravel layers		24	44	20
Sand & gravel		44	48	4
Clay w/sand, gravel layers		48	52	4
Coarse sand & gravel		52	64	12
Clay w/sand, gravel layers		64	74	10
Sand & gravel w/clay layers		74	83	9
Clay w/ sand layers		83	97	14
Coarse sand & gravel w/clay		97	116	19
Clay w/sand layers		116	161	45
Grey clay		161	195	34
Sand & gravel w/ cobbles		195	260	65
Sand & gravel w/clay layers		260	272	12
Sand & gravel w/cobbles		272	337	65
Sand w/clay layers		337	341	4
Sand & gravel w/cobbles		341	416	75
Sand, fractured rock w/clay		416	425	9
Sand & gravel		425	427	2
Sand, gravel, rock w/clay layers		427	452	25

9. WELL CONSTRUCTION

Depth Drilled 452 Feet Depth Cased 450 Feet

HOLE DIAMETER (BIT SIZE)

From	To	Feet	Feet
<u>36</u> Inches	<u>0</u> Feet	<u>50</u> Feet	
<u>24</u> Inches	<u>50</u> Feet	<u>452</u> Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>30</u>		<u>.25</u>	<u>0</u>	<u>50</u>
<u>16</u>		<u>.25</u>	<u>+2</u>	<u>450</u>

Perforations:

Type of perforation	Size of perforation	From	feet to	Mill slot	feet
	<u>0.09</u>	<u>+2</u>	<u>90</u>	<u>Blank</u>	
		<u>90</u>	<u>250</u>	<u>D.R.</u>	
		<u>250</u>	<u>450</u>	<u>Q.R.</u>	

Annular Seal:  Yes  No

Neat Cement to \_\_\_\_\_  Pumped  Poured  
 Cement Grout 0 to 50  Pumped  Poured  
 Concrete Grout to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout to \_\_\_\_\_  Pumped  Poured

Gravel Pack:  Yes  No 50 to 452  Pumped  Poured  
 Type: 1/8 x 1/4 Gopher

Bentonite Chips:  Yes  No to \_\_\_\_\_  Pumped  Poured  
 Type: \_\_\_\_\_

N 38.860395  
W 119.392815 NAD27

Date started: 5/6/2008, 20  
Date completed: 5/9/2008, 20

7. Water Level

Static water level: 60 feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: \_\_\_\_\_ °F  
Quality: \_\_\_\_\_

8. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>PWL=140</u>	<u>3000</u>	<u>80</u>	<u>5</u>

10. DRILLER'S CERTIFICATION

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

Name HUMBOLDT DRILLING AND PUMP COMPANY  
Contractor

Address 4975 W. Winnemucca Blvd.  
Contractor

Winnemucca, Nevada 89445

Nevada contractor's license number 56797  
issued by the State Contractor's Board

Nevada driller's license number issued by the 2158  
Division of Water Resources, the on-site driller

Signed Judi Lerch, Office  
By driller performing actual drilling on site of contractor

Date 5/23/2008