

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

15 1/2

OFFICE USE ONLY
Log No. 101048
Permit No. _____
Basin 053

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. 58408

1. OWNER Harold Rother ADDRESS AT WELL LOCATION Old NOI #51947 REVISED
MAILING ADDRESS PO Box 489 Pine Valley - OFFSET FERTIG WELL
Cheyenne Wells, CO 89810 Subdivision Name: _____ County: Eureka

2. LOCATION NW 1/4 NE 1/4 Sec 29 T 29N N/S R 52 E Latitude 40.37089N UTM E NAD 27
PERMIT/WAIVER No. 68521 Longitude 116.12988W 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
Surface Clay		0	20	20
Gravel and Clay		20	30	10
Coarse Gravel		30	50	20
Clay w/Some Layers		50	205	155
Fine to Medium Sand		205	213	8
Clay w.Sand Layers		213	254	41
Sand		254	258	4
Clay and Sand		258	263	5
Sand		263	266	3
Clay		266	275	9
Sand		275	298	23
Clay		298	300	2
Sand		300	315	15
Clay		315	320	5
Sand		320	331	11
Clay and Sand		331	385	54
Sand		385	386	1
Clay and Sand		386	401	15
Sand		401	408	7
Clay		408	415	7
Sand		415	425	10
Clay		425	432	7
Sand & Clay		432	460	28
Clay		460	475	15
Sand		475	478	3
Clay and Sand Layers		478	540	62

Date started: 13-May, 20 04
Date completed: 15-May, 20 04

9. WELL CONSTRUCTION

Depth Drilled 540 Feet Depth Cased 540 Feet

HOLE DIAMETER (BIT SIZE)

	From	To		
	<u>24</u> Inches	<u>0</u> Feet	<u>540</u> Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>16</u>		<u>.250</u>	<u>+2</u>	<u>180</u>

Perforations:

Type of perforation Mill Slot
Size of perforation 0.09

From <u>Quad Row 180</u>	feet to <u>220</u>	feet
From <u>Double Row 220</u>	feet to <u>260</u>	feet
From <u>Quad Row 260</u>	feet to <u>340</u>	feet
From <u>Double Row 340</u>	feet to <u>480</u>	feet
From <u>Double Row 480</u>	feet to <u>495</u>	feet

Annular Seal: Yes No

<input type="checkbox"/> Neat Cement	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Cement Grout	<u>0</u> to <u>50</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Gravel Pack: Yes No 50 to 540 Pumped Poured
Type: 1/8 x 1/4 Gravel

Bentonite Chips: Yes No to Pumped Poured
Type: _____

7. Water Level

Static water level: 32.5 feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: Cool °F
Quality: Good

8. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Pumping Level			
<u>202.5</u>	<u>1100</u>	<u>170.2</u>	<u>-8 Hrs.</u>

2007 JAN 17 AM 11:12

10. DRILLER'S CERTIFICATION

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

Name Hydro Resources Nevada, Inc. dba Humboldt Drilling & Pump
Contractor

Address 4975 W. Winnemucca Blvd. Winnemucca, NV 89445
Contractor

WELL CONSTRUCTION

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

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1713

Signed Judi Seach, Office
By driller performing actual drilling on site or contractor

Date 6/25/2004 REVISED 1/16/2007

85 2/2

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

OFFICE USE ONLY
Log No. 161048
Permit No.
Basin 053

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1. OWNER Harold Rother
MAILING ADDRESS PO Box 489
Cheyenne Wells, CO 89810
ADDRESS AT WELL LOCATION Old NOI #51947
Pine Valley - OFFSET FERTIG WELL
Subdivision Name: Eureka
County: Eureka
2. LOCATION NW 1/4 NE 1/4 Sec 29 T 29N N/S/R 52 E
Latitude 40.37089N UTM E NAD 27
Longitude 116.12988W N NAD 83/WGS 84
PERMIT/WAIVER No. 68521
Parcel No.

3. WORKED PERFORMED
New Well, Replace, Recondition, Deepen, Other
4. PROPOSED USE
Domestic, Municipal/Industrial, Irrigation, Monitor, Test, Stock
5. WELL TYPE
Cable, Rotary, RVC, Air, Other

LITHOLOGIC LOG table with columns: Material, Water Strata, From, To, Thickness

9. WELL CONSTRUCTION
Depth Drilled 540 Feet, Depth Cased 540 Feet
HOLE DIAMETER (BIT SIZE)
From 0 to 540 Feet
CASING SCHEDULE
Size O.D. 16, Weight/Ft., Wall Thickness .250, From +2, To 180
Perforations: Mill Slot 0.09
Double Row 495 feet to 540 feet
Annular Seal: Cement Grout 0 to 50, Pumped, Poured
Gravel Pack: 1/8 x 1/4 Gravel, Pumped, Poured
Bentonite Chips: No, Pumped, Poured

Date started: 13-May 20 04
Date completed: 15-May 20 04

7. Water Level
Static water level: 32.5 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cool °F
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10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name: Hydro Resources Nevada, Inc. dba Humboldt Drilling & Pump
Address: 4975 W. Winnemucca Blvd. Winnemucca, NV 89445
Nevada contractor's license number: 56797
Nevada driller's license number issued by the Division of Water Resources, the on-site driller: 1713
Date: 6/25/2004 REVISED 1/16/2007