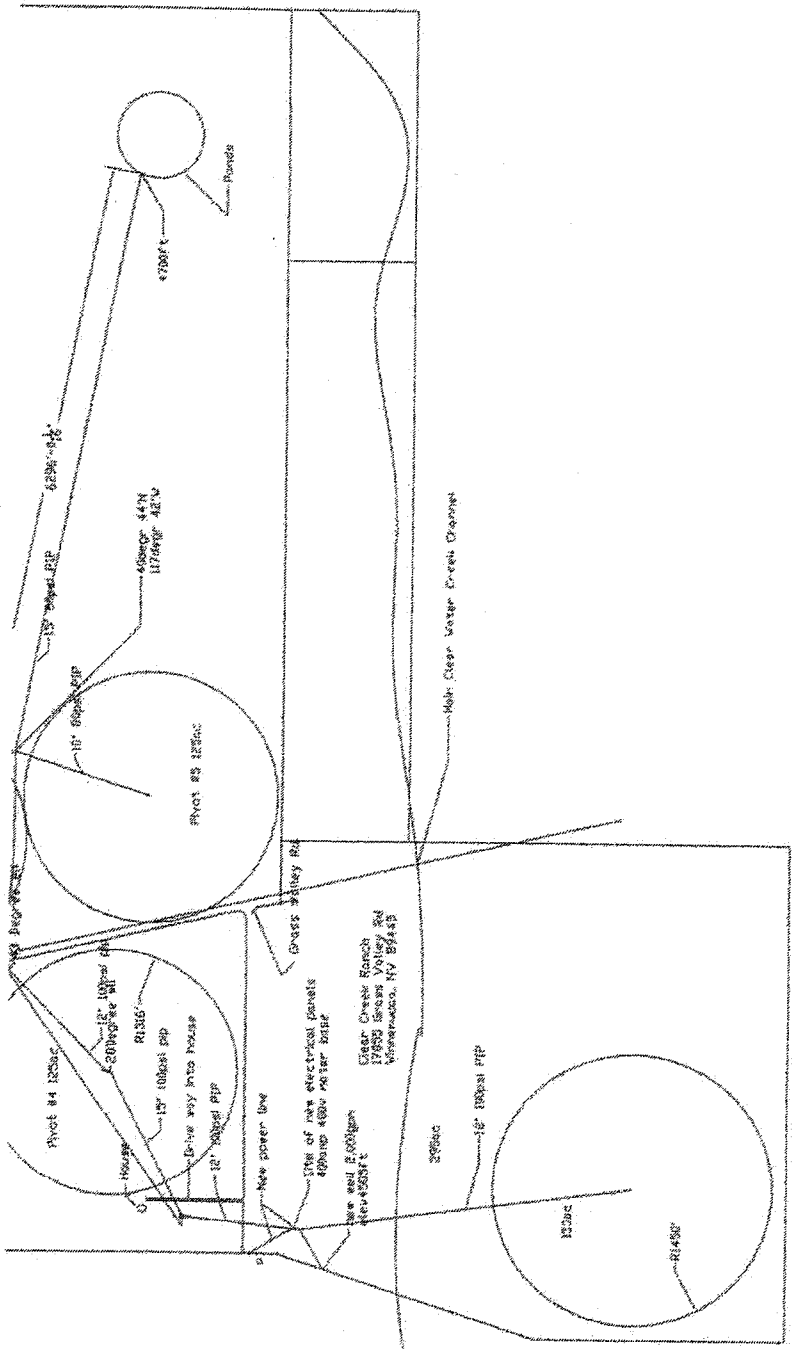


2- Valley pivots 5 years old  
 4- Valley pivots estimated 15-20 years old



Well West of Grass Valley Rd.  
STATE OF NEVADA  
DIVISION OF WATER RESOURCES  
**WELL DRILLER'S REPORT**

OFFICE USE ONLY

Log No. \_\_\_\_\_  
Permit No. \_\_\_\_\_  
Basin \_\_\_\_\_

PRINT OR TYPE ONLY  
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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 62108

1. OWNER Robert Parasca (Clearcreek Ranch)  
MAILING ADDRESS 9200 Beechcraft Blvd  
Winnemucca, Nevada 89445

ADDRESS AT WELL LOCATION 17855 S. Grass Valley Rd  
Winnemucca, Nevada 89445  
Subdivision Name: \_\_\_\_\_ County: Pershing

2. LOCATION SW  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec 16 T 33N N/S R 38 E  
PERMIT/WAIVER No. 76707, 76708, 76709  
Issued by Water Resources Parcel No. \_\_\_\_\_

Latitude 40.43.742 UTM E \_\_\_\_\_  
Longitude 117.43.037 N \_\_\_\_\_  NAD 27  NAD 83/WGS 84

3. WORKED PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Other

4. PROPOSED USE  
 Domestic  Irrigation  Test  Monitor  
 Municipal/Industrial  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other

6. LITHOLOGIC LOG				
Material	Water Strata	From	To	Thick-ness
top soil		0	3	
sand and gravel /cobbles		3	415	412
cemented gravels		415	591	176
claywith some sand and gravel		591	647	56
cemented gravels		647	750	103

9. WELL CONSTRUCTION				
Depth Drilled	750	Feet	Depth Cased	740
HOLE DIAMETER (BIT SIZE)				
	From	To	Feet	Feet
36	0	25		
28	25	750		
			Feet	Feet

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30		culvert	0	25
18		.312	+2	300
16		.250	300	740

Perforations:

Type of perforation	millslot		
Size of perforation	090X3		
From	140	feet to	300-18" DR feet
From	300	feet to	420-18" QR feet
From	420	feet to	740-16" DR feet
From		feet to	feet
From		feet to	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	0	to 100	<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"/> $\geq 30\%$ Bentonite Grout	to	<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

Gravel Pack:  Yes  No 100 to 750  Pumped  Poured  
Type: 1/8 X1/4 Gopher rock

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

Date started: 15-Mar . 20 09  
Date completed: 20-May . 20 09

7. Water Level  
Static water level: 112 feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: \_\_\_\_\_ °F  
Quality: \_\_\_\_\_

8. WELL TEST DATA			
TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input checked="" type="checkbox"/> Pump <input type="checkbox"/> Air Lift	800	P/L 280 ft	12 hrs

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.  
Contractor  
Winnemucca, Nevada 89445  
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 *Ken A. Tomar*  
By driller performing actual drilling on site or contractor  
Date 6/1/2009

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

OFFICE USE ONLY  
Log No. 113654  
Permit No. 80683T  
Basin 071

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

1. OWNER **BLACK ELK RANCH / TNT FARMS**  
MAILING ADDRESS **561 KEYSTONE AVE # 358**  
**RENO NV, 89503**

NOTICE OF INTENT NO. 66084  
ADDRESS AT WELL LOCATION **GRASS VALLEY RD.**

2. LOCATION NW 1/4 NW 1/4 Sec 21 T 33N N/S R 38 E  
PERMIT/WAIVER No. **80683-T**

Subdivision Name: **WINNEMUCCA, NV**  
County: **Pershing**  
Latitude **40° 43.518 N** UTM E  NAD 27  
Longitude **117° 43.126 W** N  NAD 83/WGS 84

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

Material	Water Strata	From	To	Thick-ness
SAND WITH LITTLE CLAY		0'	4'	4'
SAND, GRAVEL & COBBLES		4'	9'	5'
SAND AND GRAVEL		9'	149'	140'
SAND & GRAVEL SOME CLAY		149'	160'	11'
SAND AND CLAY		160'	180'	20'
SAND AND GRAVEL		180'	195'	15'
SAND & GRAVEL SOME CLAY		195'	205'	10'
SAND AND CLAY		205'	225'	20'
SAND AND GRAVEL		225'	245'	20'
SAND & GRAVEL SOME CLAY		245'	255'	10'
SAND AND GRAVEL		255'	265'	10'
SAND AND CLAY		265'	270'	5'
SAND AND GRAVEL		270'	295'	25'
SAND, GRAVEL & COBBLES		295'	302'	7'
SAND AND GRAVEL		302'	320'	18'
SAND AND CLAY		320'	330'	10'
SAND AND GRAVEL		330'	357'	27'
SAND AND CLAY		357'	375'	18'
SAND AND GRAVEL		375'	407'	32'
SAND, GRAVEL & COBBLES		407'	443'	36'
SAND & GRAVEL SOME CLAY		443'	499'	56'
CEMENTED SAND & GRAVEL		499'	529'	30'
SAND & GRAVEL SOME CLAY		529'	555'	26'
SAND AND CLAY		555'	580'	25'
SAND & GRAVEL SOME CLAY		580'	595'	15'
CLAY WITH SOME SAND		595'	610'	15'

Date started: **16-Mar** , 20 **11**  
Date completed: **19-Mar** , 20 **11**

7. Water Level  
Static water level: **117'** feet below land surface  
Artesian Flow: **NO** G.P.M. **0** P.S.I.  
Water Temperature: **COOL** °F  
Quality:

8. WELL TEST DATA			
TEST METHOD:	<input type="checkbox"/> Bailor	<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Air Lift
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
CONSTANT	1:000	113.0'	8 HOURS

9. WELL CONSTRUCTION			
Depth Drilled	690'	Feet	Depth Cased
			680'
HOLE DIAMETER (BIT SIZE)			
	From	To	
36"	0'	25'	Feet
24"	25'	690'	Feet

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
30"		.250"	0'	25'
16"		.280"	+2'	680'

Perforations:			
Type of perforation	MILL SLOT		
Size of perforation	0.090"		
From 230' T.R.	feet to	245'	feet
From 245' D.R.	feet to	270'	feet
From 270' T.R.	feet to	295'	feet
From 295' D.R.	feet to	375'	feet
From 375' T.R.	feet to	415'	feet

Annular Seal:  Yes  No  
 Neat Cement 0' to 25'  Pumped  Poured  
 Cement Grout 0' to 100'  Pumped  Poured  
 Concrete Grout to to  Pumped  Poured  
 ≥30% Bentonite Grout to to  Pumped  Poured  
Gravel Pack:  Yes  No 100' to 690'  Pumped  Poured  
Type: **BCJ 1/4" X 1/8"**  
Bentonite Chips:  Yes  No to  Pumped  Poured  
Type:

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-West, Inc.**  
Contractor  
Address **4975 W. Winnemucca Blvd.**  
Contractor  
**Winnemucca NV, 89445**  
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 **# 2177**  
Signed **Michelle Strother**  
By driller performing actual drilling on site or contractor  
Date **4/14/11** Contractor Representative

USE ADDITIONAL SHEETS IF NECESSARY

40.725394°N NAD27  
117.717800°W GRS

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

OFFICE USE ONLY  
Log No. 113654  
Permit No. 80683T  
Basin 071

PRINT OR TYPE ONLY  
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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

1. OWNER BLACK ELK RANCH ADDRESS AT WELL LOCATION GRASS VALLEY RD. NOTICE OF INTENT NO. 66064  
MAILING ADDRESS 561 KEYSTONE AVE # 358 Winnemucca, NV County: Pershing  
RENO NV, 89503 Subdivision Name: \_\_\_\_\_

2. LOCATION NW 1/4 NW 1/4 Sec 21 T 33N N/S R 3B E Latitude 40° 43.518 N UTM E  NAD 27  
PERMIT/WAIVER No. 80683-T Longitude 117° 43.126 W 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  Monitor  
 Municipal/Industrial  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
SAND AND GRAVEL		610'	630'	20'
SAND AND CLAY		630'	648'	18'
SAND AND GRAVEL		648'	665'	17'
SAND WITH SOME CLAY		665'	690'	25'
THERE IS A 3" GRAVEL FEED PIPE FROM +1' - 105'				

9. WELL CONSTRUCTION  
Depth Drilled 690' Feet Depth Cased 680' Feet  
HOLE DIAMETER (BIT SIZE)  
From \_\_\_\_\_ To \_\_\_\_\_  
Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:  
Type of perforation MILL SLOT  
Size of perforation 0/090"  
From 415' D.R. feet to 680' feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ 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 \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 230% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
Gravel Pack:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
Type: \_\_\_\_\_  
Bentonite Chips:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
Type: \_\_\_\_\_

Date started: 16-Mar , 20 11  
Date completed: 19-Mar , 20 11

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

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

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-West, Inc.  
Address 4975 W. Winnemucca Blvd.  
Winnemucca NV, 89445  
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 #2177  
Signed \_\_\_\_\_  
Date \_\_\_\_\_  
By driller performing actual drilling on site or contractor

40.725394°N NAD83 MMH-  
117.717806°W D.D. (E)  
-GPS

# Irrigation Well #1

Pump Set 410'

8" Column

Floway 2 X 1 ¼ ' Oil Tube & Shaft

8" Discharge Head & Make Up Assembly

100 HP US Motor Premium Efficient

GE 100 HP Control Panel

12M90 Flowserve Pump Bowls

1000 GPM

## Irrigation Well #2

Pump Set 390'

10" Column

JPCO 2 ½ X 1 11/16 ' Oil Tube & Shaft

10" Discharge Head & Make Up  
Assembly

250 HP US Motor Premium Efficient

Selectric 250 HP Panel – Part Wind Start

14M160 Flowserve Pump Bowls

*1800 - 2000 GPM*