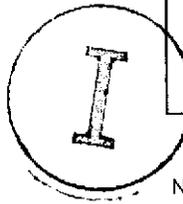


ORIGINAL

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



OFFICE USE ONLY
Log No. 109088
Permit No. _____
Basin 145

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. 64145

1. OWNER CARSON CITY DEVELOPMENT SERVICES ADDRESS AT WELL LOCATION ON THE FARM GROUNDS OF THE
MAILING ADDRESS 3303 BUTTI WAY BLDG. #1 PRISON IN SOUTH CARSON CITY
CARSON CITY NV. 89701 Subdivision Name: _____ County: Carson City

2. LOCATION SW 1/4 SW 1/4 Sec 4 T 14N N/S/R 20 E Latitude 39° 06.149 N UTM E _____ NAD 27
PERMIT/WAIVER No. MO-1492 10-281-46 Longitude 119° 45.006 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	Thick-ness
SAND		0'	30'	30'
SILTY CLAY		30'	34'	4'
SAND		34'	40'	6'
SILTY CLAY		40'	47'	7'
SAND		47'	60'	13'
SILTY CLAY		60'	65'	5'
SAND		65'	77'	12'
SILTY CLAY		77'	81'	4'
COARSE AND FINE SANDS		81'	143'	62'
SILTY CLAY		143'	156'	13'
COARSE AND FINE SANDS		156'	280'	124'
WITH SOME CLAY LAYERS				
SILTY CLAY		280'	290'	10'
COARSE AND FINE SANDS		290'	300'	10'
SILTY CLAY		300'	304'	4'
COARSE AND FINE SANDS		304'	324'	20'
SILTY CLAY		324'	351'	27'
COARSE AND FINE SANDS		351'	355'	4'
SILTY CLAY		355'	380'	25'
COARSE AND FINE SANDS		380'	415'	35'
WITH SOME CLAY LAYERS				

39.102574°N
119.749087°W
N40 27 TA

Date started: 22-Oct, 20 09
Date completed: 30-Oct, 20 09

7. Water Level
Static water level: 34' feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: COOL °F
Quality: _____

8. WELL TEST DATA			
TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift			
SWABBING	600	61'	6:16
		LS: 0114V E-AON 600Z	

9. WELL CONSTRUCTION			
Depth Drilled	Feet	Depth Cased	Feet
<u>415'</u>		<u>400'</u>	

HOLE DIAMETER (BIT SIZE)			
	From	To	Feet
<u>32"</u> Inches	<u>0'</u>	<u>40'</u>	
<u>24"</u> Inches	<u>40'</u>	<u>415'</u>	

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>26"</u>		<u>.375"</u>	<u>0'</u>	<u>40'</u>
<u>16"</u>		<u>.250"</u>	<u>+2'</u>	<u>400'</u>
<u>1.5"</u>		<u>SCH. 40</u>	<u>+1'</u>	<u>360'</u>

Perforations:			
Type of perforation	WIRE WRAP SCREEN		
Size of perforation	<u>0.080"</u>		
From	<u>180'</u>	feet to	<u>280'</u> feet
From	<u>300'</u>	feet to	<u>400'</u> feet
From	<u>1.5" PIPE 200'</u>	feet to	<u>360'</u> feet
From		feet to	feet

Annual Seal: Yes No

Neat Cement 0' to 40' Pumped Poured
 Cement Grout 0' to 169' Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured

Gravel Pack: Yes No 173' to 415' Pumped Poured
Type: GOPHER GRAVEL 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 Nevada Inc dba Humboldt Drilling & Pump Co
Contractor
Address 4975 W Winnemucca Blvd
Contractor
Winnemucca, NV 89445
Nevada contractor's license number _____
issued by the State Contractor's Board 56794
Nevada driller's license number issued by the _____
Division of Water Resources, the on-site driller # 2177
Signed Cheryl Jaynes-Office
By _____ performing actual drilling on site or contractor
Date 11/2/2009