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

OFFICE USE ONLY
Log No. 117147
Permit No.
Basin 044

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. 67600-1/2

1. OWNER QUEENSTAKE RESOURSES USA INC
MAILING ADDRESS HC 31 BOX 78
SE ELKO, NV 89801

ADDRESS AT WELL LOCATION JERRITT CANYON MILL SITE
TAILINGS POND ***GW-79***
Subdivision Name: PARCEL OF LAND County: ELKO

2. LOCATION ~~NE~~ ¼ SE ¼ Sec 4 T 40N N/S R 54 E
PERMIT/WAIVER No. NDP # NVE 00020 (Issued by Water Resources) 005-570-007 Parcel No.

Latitude
Longitude
UTM E 11T 0592583 ☐ NAD 27
N 4582301 ☒ 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
TOP SOIL STRIPPED				
GRAVEL		0	10	10
GRAVEL w/ SAND AND CLAY		10	40	30
GREY FINE GRAVEL w/ SAND		40	60	20
BROWN SAND w/ GRAVEL				
AND SILT		60	100	40
COURSE GRAVEL w/ SAND	X	100	160	60
FINE GRAVEL	XX	160	180	20
1ST WATER X	120			
2ND WATER XX	160			
6" X 7' STEEL CASING				
MONUMENT w/ LOCKING CAP				
INSTALLED IN A 3' X 3' X 4"				
CONCRETE PAD				
BENTONITE PELLETS				
PLACED 142' TO 147'				

Date started: 9-Dec, 20 11
Date completed: 13-Dec, 20 11

9. WELL CONSTRUCTION
Depth Drilled 180 Feet Depth Cased 179 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8 1/2	Inches	0	Feet	180	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5		SCH 40 PVC	+1	179
6.625	13	.188	+2	5

Perforations:
Type of perforation FACTORY SREEN
Size of perforation 0.020 SLOT
From 149 feet to 179 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 10 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 15 to 142 ☒ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 147 to 180 ☐ Pumped ☒ Poured
Type: 3/8" WASHED PEA GRAVEL
Bentonite Chips: ☒ Yes ☐ No 10 to 15 ☐ Pumped ☒ Poured
Type: 3/8" BENTONITE CHIPS

7. Water Level
Static water level: 128 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 51 °F
Quality: FAIR

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
100 PSI @			
825 CFM	3		1 HOUR

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name HACKWORTH DRILLING, INC. (Contractor)
Address P. O. BOX 850 (Contractor)
ELKO, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 020582
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1653
Signed (By driller performing actual drilling on site or contractor)
Date 1/3/2012

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

41.387003 °N
115.891746 °W NAD27