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

OFFICE USE ONLY
Log No. 117146
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. 67600-2/2

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

ADDRESS AT WELL LOCATION JERRITT CANYON MILL SITE
TAILINGS POND ***GW-80***
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 0592790 N 4582589 ☐ NAD 27 ☒ 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				
CLAY AND BIG GRAVEL		0	10	10
GRAVEL w/ SAND		10	60	50
GRAY GRAVEL AND SAND		60	80	20
BROWN GRAVEL w/ SAND				
AND CLAY		80	140	60
FINE GRAVEL		140	160	20
COURSE GRAVEL	XX	160	180	20
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 132' TO 137'				

Date started: 13-Dec, 20 11
Date completed: 15-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 SCREEN
Size of perforation 0.020 SLOT
From 139 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 132 ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 137 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: 131 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 52 °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	20		1.5 HOURS

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. 08-08)

USE ADDITIONAL SHEETS IF NECESSARY

41.389573° N NAD27
115.889226° W Dec/Deg