NDP ORDER
NVE 00020

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

OFFICE USE ONLY
Log No. 117148
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. 67601

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-81*** (well name)
Subdivision Name: PARCEL OF LAND County: ELKO

2. LOCATION NE ¼ SW ¼ Sec 3 T 40N N/S R 54 E
PERMIT/WAIVER No. NDP # NVE 00020 (Issued by Water Resources) 005-570-005 Parcel No.

Latitude 41.389521466
Longitude 115.882583946
UTM E 11T 0593345 [X] NAD 27 (PENCIL GPS)
N 4582301 [X] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

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

5. WELL TYPE
[ ] Cable [X] Rotary [ ] RVC
[X] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
TOP SOIL STRIPPED				
THICK BROWN CLAY		0	20	20
CLAY AND GRAVEL		20	50	30
FINE GRAVEL w/ SAND	X	50	100	50
MEDIUM SIZE GRAVEL	XX	100	140	40
1ST WATER X	80			
2ND WATER XX	120			
6" X 7' STEEL CASING				
MONUMENT w/ LOCKING CAP				
INSTALLED IN A 3' X 3' X 4"				
CONCRETE PAD				
BENTONITE PELLETS				
PLACED 112' TO 117'				

Date started: 7-Dec, 20 11
Date completed: 9-Dec, 20 11

9. WELL CONSTRUCTION
Depth Drilled 140 Feet Depth Cased 139 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
8 1/2 Inches		0 Feet	140 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	139
6.625	12	.188	+2	5

Perforations:
Type of perforation FACTORY SCREEN
Size of perforation .020
From 119 feet to 139 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [X] Yes [ ] No
[X] Neat Cement 0 to 10 [ ] Pumped [X] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[X] ≥30% Bentonite Grout 15 to 112 [X] Pumped [ ] Poured

Gravel Pack: [X] Yes [ ] No 117 to 140 [ ] Pumped [X] Poured
Type: 3/8" WASHED PEA GRAVEL
Bentonite Chips: [X] Yes [ ] No 10 to 15 [ ] Pumped [X] Poured
Type: 3/8" BENTONITE CHIPS

7. Water Level
Static water level: 78 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 52 °F
Quality: GOOD

8. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [X] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
100 PSI @			
825 CFM	6		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 1/23/2012

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY