

NOEP ORDER #  
NVE 00020

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

OFFICE USE ONLY  
Log No. 117144  
Permit No. 617305  
Basin 44

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. 67598

1. OWNER QUEENSTAKE RESOURCES USA INC  
MAILING ADDRESS HC 31 BOX 78  
ELKO, NV 89801  
ADDRESS AT WELL LOCATION JERRITT CANYON MILL SITE  
TAILINGS POND LOT 19 \*\*\*DPS-3A\*\*\*  
Subdivision Name: PARCEL OF LAND County: ELKO

2. LOCATION NE 1/4 NW 1/4 Sec 4 T 40N N/S R 54 E Latitude 41.395653464 UTM E  NAD 27  
PERMIT/WAIVER No. 61780E Parcel No. 005-570-007 Longitude 115.900525538 N  NAD 83/WGS 84

3. WORKED PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Other

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

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
FILL DIRT AND CLAY		0	38	38
BIG GRAVEL		38	65	27
GRAVEL w/ CLAY		65	120	55
GRAVEL w/ SAND AND SILT	X	120	220	100
MED SIZE GRAVEL	XX	220	275	55
1ST WATER	X	200		
2ND WATER	XX	220		
10" X 10.5' STEEL CASING MONUMENT w/ BLANK PLATE INSTALLED IN A 3' X 3' X 6" CONCRETE PAD				
BENTONITE PELLETS PLACED 68' TO 72'				
* Replaces original well log # 71647				
Date started:	<u>22-Dec</u>	<u>20</u>	<u>11</u>	
Date completed:	<u>30-Dec</u>	<u>20</u>	<u>11</u>	

9. WELL CONSTRUCTION

Depth Drilled 275 Feet Depth Cased 252.5 Feet

HOLE DIAMETER (BIT SIZE)

From	To	Feet	Feet
<u>10 5/8</u> Inches	<u>0</u> Feet	<u>275</u> Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6.625</u>		<u>SCH 40 PVC</u>	<u>+1</u>	<u>252.5</u>
<u>10.5</u>		<u>.250</u>	<u>+1.5</u>	<u>9</u>

Perforations:

Type of perforation FACTORY SCREEN  
Size of perforation 020 SLOT

From	feet to	feet	feet
<u>77</u>	<u>252.5</u>		

Annular Seal:  Yes  No

<input checked="" type="checkbox"/> Neat Cement	<u>0</u> to <u>15</u>	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input checked="" type="checkbox"/> ≥30% Bentonite Grout	<u>20</u> to <u>68</u>	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
Gravel Pack: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>72</u> to <u>275</u>	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
Type:	<u>3/8" WASHED PEA GRAVEL</u>		
Bentonite Chips: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>15</u> to <u>20</u>	<input type="checkbox"/> Pumped	<input checked="" type="checkbox"/> Poured
Type:	<u>3/8" BENTONITE CHIPS</u>		

7. Water Level  
Static water level: 143 feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: 50 °F  
Quality: FAIR

8. WELL TEST DATA

TEST METHOD:  Bailor  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>110 PSI @ 825 CFM</u>	<u>50</u>	<u>4 HOURS</u>

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 [Signature]  
By driller performing actual drilling on site or contractor

Date 1/3/2012