STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 101653
Permit No.
Basin Ø44

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 58820

1. OWNER Queenstake Resources WW-6R Page 1
MAILING ADDRESS HC 31, Box 78, Elko, NV 89801

ADDRESS AT WELL LOCATION Queenstake minesite, 35 miles north of Elko, Nevada.
Subdivision Name: N/A County: Elko

2. LOCATION NE¼NE¼ Sec4T40N/S R54E
PERMIT/WAIVER NO. 74566-T (Issued by Water Resources) N/A (Parcel. No.)

Latitude 41- 23.912N
Longitude 115-53.387W
UTM E N
☒ NAD 27 ☐ NAD 83/WGS 84

3. WORK 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 Flooded Reverse

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Top soil		0	2	2
Clay and gravel		2	260	258
Gravel		260	360	100
Clay		360	420	60
Clay and gravel		420	700	280
Gravel		700	1130	430
Clay and gravel		1130	1207	77
Native gravel poured in well from 50' to 495'.				

Date started: 8/18, 20 06
Date completed: 8/29, 20 06

7. Water Level
Static water level: 332 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: Cool °F
Quality: Fair

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
385	51	1

9. WELL CONSTRUCTION
Depth Drilled 1207 Feet Depth Cased 1200 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
31 Inches	0 Feet	57 Feet
22 Inches	57 Feet	1207 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
26	102.62	0.375	0	57
16	52.27	0.312	+3	220
16	62.58	0.375	220	700

Perforations:
Type of perforation Full Flo Louvered
Size of perforation 0.100"
From 700 feet to 1200 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 50 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 495 to 1200 ☐ Pumped ☒ Poured
Type: 3/8" SRI
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 Lang Exploratory Drilling (CONTRACTOR)
Address P.O. Box 5279 (CONTRACTOR)
Elko, NV 89802
Nevada contractor's license number issued by the State Contractor's Board 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1995
Signed [signature] By driller performing actual drilling on site or contractor
Date 8-31-06

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

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Log No. 10453 pg. 2
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NOTICE OF INTENT NO. 58820

1. OWNER Queenstake Resources WW-6R Page 2
MAILING ADDRESS HC 31, Box 78 Elko, NV 89801

ADDRESS AT WELL LOCATION Queenstake minesite, 35 miles north of Elko, Nevada.
Subdivision Name: N/A County: Elko

2. LOCATION NE¼NE¼ Sec4T40N/S R54E
PERMIT/WAIVER NO. 74566-T (Issued by Water Resources) N/A (Parcel. No.)

Latitude 41- 23.912N UTM E ☒ NAD 27
Longitude 115- 53.387W N ☐ NAD 83/WGS 84

3. WORK 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 Flooded Reverse

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness

Date started: , 20
Date completed: , 20

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

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

9. WELL CONSTRUCTION
Depth Drilled Feet Depth Cased Feet

HOLE DIAMETER (BIT SIZE)

	From	To
Inches	Feet	Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	52.27	0.312	700	1200
2.375	3.65	0.154	+3	800

Perforations:
Type of perforation
Size of perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:
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 Lang Exploratory Drilling (CONTRACTOR)
Address P.O. Box 5279 (CONTRACTOR)
Elko, NV 89802
Nevada contractor's license number issued by the State Contractor's Board 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1995
Signed
By driller performing actual drilling on site or contractor
Date 8-31-06

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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