STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

I

OFFICE USE ONLY
Log No. 101580
Permit No.
Basin 044

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. 58513

1. OWNER Queenstake Resources WELL #4
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 NW¼NE¼ Sec4T40N/S R54E
PERMIT/WAIVER NO. NDEP# NEV00000200 (Issued by Water Resources) N/A (Parcel. No.)

Latitude 41- 23.788N UTM E ☒ NAD 27
Longitude 115- 53.636W 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Boulders and gravel		0	10	10
Silt and gravel		10	20	10
Gravel and clay		20	60	40
Clay		60	65	5
Gravel and clay		65	110	45
Clay		110	115	5

Date started: 8/27, 20 06
Date completed: 8/28, 20 06

7. Water Level
Static water level: 74 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: Cold °F
Quality: Clear

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
1.50		1.50

9. WELL CONSTRUCTION
Depth Drilled 115 Feet Depth Cased 115 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
10.625 Inches	0 Feet	115 Feet	
Inches	Feet	Feet	
Inches	Feet	Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	3.63	0.280	+2	115

Perforations:
Type of perforation Slotted
Size of perforation 0.040"
From 75 feet to 115 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 to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 70 to 115 ☐ Pumped ☒ Poured
Type: 3/8" x 1/4"
Bentonite Chips: ☒ Yes ☐ No 10 to 70 ☐ Pumped ☒ Poured
Type: 3/8"

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 2258
Signed
By driller performing actual drilling on site or contractor
Date 8-29-06

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