

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

OFFICE USE ONLY
 Log No. 93671
 Permit No. _____
 Basin 6



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. 51166

1. OWNER Centerra (U.S.) Inc. RU-71M ADDRESS AT WELL LOCATION Ren Project site, about 30 miles north of Carlin, Nevada.
 MAILING ADDRESS 5450 Riggins Court, Suite 6 Reno, NV 89502

2. LOCATION NW 1/4 SE 1/4 Sec. 1 T 36N N/S R 49 E Elko County
 PERMIT NO. M/O-1299A Issued by Water Resources Parcel No. N/A Subdivision Name N/A

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon 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
Siltstone, some chert		0	165	165
Clay/fault zone		165	185	20
Siltstone with chert		185	300	115
Chert fault breccia		300	305	5
Siliceous mudstone		305	495	190
Black clay gouge		495	515	20
Gray chert		515	600	85
Breccia		600	605	5
Light gray dolomitic siltstone		605	855	250
Fault with diorite dike		855	865	10
Black and gray chert		865	945	80
Diorite dikes		945	1010	65
Fractured gray dolomitic siltstone		1010	1210	200
Diorite dike		1210	1215	5
Gray dolomitic-calcareous siltstone		1215	1390	175
Mixed lithologies, clay and abundant veining		1390	1630	240
Black chert and siltstone		1630	1825	195
Fault with dikes, clay and veining		1825	1925	100
Black chert and siltstone		1925	1945	20
Diorite dike		1945	1955	10
Black chert and siltstone		1955	2100	145
Fault zone-strong clay		2100	2180	80

Continued on next page

8. WELL CONSTRUCTION
 Depth Drilled 2500 Feet Depth Cased 2200 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet
29	0	56	Feet
14.750	56	2200	Feet
9.875	2200	2500	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
24	125.49	0.500	0	56
10.75	28.04	0.250	+2	2200

Perforations:
 Type perforation None
 Size perforation _____

From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No
 Depth of Seal 2200'
 Placement Method: Pumped Poured
 Seal Type: Neat Cement Cement Grout Concrete Grout

Gravel Packed: Yes No
 From _____ feet to _____ feet

9. WATER LEVEL
 Static water level 1322 feet below land surface
 Artesian flow N/A G.P.M. _____ P.S.I. _____
 Water temperature Cold °F Quality Good

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 89802-5279
 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 2084
 Signed Vince Wardie
 By driller performing actual drilling on-site or contractor
 Date 6/22/04

Date started 5/16/2004 19
 Date completed 6/6/2004 19

7. WELL TEST DATA

TEST METHOD	Bailer	Pump	Air Lift	Draw Down (Feet Below Static)	Time (Hours)
<u>30</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Not Meas.</u>	<u>1</u>

RECORDED
 04 JUN 28 P.M.
 STATE ENGINEERS OF NEVADA

USE ADDITIONAL SHEETS IF NECESSARY

B.S.T.L

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

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 Log No. 93671
 Permit No. _____
 Basin 61

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

NOTICE OF INTENT NO. 51966

1. OWNER Centerra (U.S.) Inc. RU-71M Page 2 ADDRESS AT WELL LOCATION Ren Project site, about 30 miles north of Carlin, Nevada.
 MAILING ADDRESS 5450 Riggins Court, Suite 6 Reno, NV 89502

2. LOCATION NW 1/4 SE 1/4 Sec. 1 T 36N N/S R 49 E Elko County
 PERMIT NO. M/O-1299A Parcel No. N/A Subdivision Name N/A
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon 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	Thick-ness
Black chert and siltstone		2180	2325	145
Black clay gouge		2325	2360	35
Vuggy silicified breccia		2360	2365	5
Brown limestone		2365	2370	5
Black mudstone		2370	2500	130
Construction Detail:				
10" casing cemented		0	2200	2200
Open hole		2200	2500	300

RECEIVED
 04 JUN 28 PM 1:19
 STATE ENGINEERS OFFICE

Date started 5/16/2004, 19
 Date completed 6/6/2004, 19

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

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

8. WELL CONSTRUCTION

Depth Drilled _____ Feet Depth Cased _____ Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	Feet	To	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:

Type perforation _____
 Size perforation _____

From	feet to	feet

Surface Seal: Yes No Seal Type: Neat Cement
 Depth of Seal _____ Cement Grout
 Placement Method: Pumped Concrete Grout
 Poured
 Gravel Packed: Yes No
 From _____ feet to _____ feet

9. WATER LEVEL

Static water level _____ feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

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 89802-5279
 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 _____
 Signed _____
By driller performing actual drilling on-site or contractor
 Date 6/22/04