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

OFFICE USE ONLY
Log No. 117576
Permit No.
Basin No. 054

PRINT OR TYPE IN BLACK INK 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.
WELL NAME *(If applicable)*: DW-34

1. OWNER/CLIENT NAME Cortez
MAILING ADDRESS HC-66 box 1250
Crescent Valley NV 89821

DETAILED ADDRESS AT WELL LOCATION
Subdivision Name: *County:* lander

2. PLS LOCATION nw ¼ nw ¼ 6 Sec 26n N/S 48e E
PERMIT/WAIVER NO. 77179 *Issued by Water Resources* Order 1189 *Current Parcel No.*

Latitude UTM E 532959.26 ☒ NAD 27
Longitude UTM N 4444988.75 ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Monitor
☒ Mining / Dewater ☐ Com / Ind ☐ Stock
☐ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☐ Auger ☐ Rotary ☒ RVC
☐ Air ☒ Mud ☐ Sonic
☐ Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To	Thickness
light gray gravel			0	540	540
light brown clay w rock			540	1120	580
white clay w rock			1120	1280	160
gray clay and rock			1280	1490	210
black rock			1490	1510	20
14" blank weighs					
54.5 #/FT					
14" Wire Wrap screen					
weighs 45 #/FT					
There are 2 2.375					
casing strings on the					
same side of 14" casing					
one is at 1460' the other					
is at 480', both are .188					
thickness and 4.39					
pounds a foot					
NAD27					
40.156492°N					
116.613006°W					

Date started: 6-Aug, 20 13
Date completed: 6-Sep, 20 13

9. WELL CONSTRUCTION
Depth Drilled: 1510 Feet Depth Cased: 1500 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
30	Inches	0	Feet	40	Feet
22	Inches	40	Feet	1500	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22	86.6	.375	0	40
14	54.5	.375	+1.5	1500
2.375	4.39	.188	+1	1460

PERFORATIONS:
Type of perforation: 0.04
Size of perforation: Wire Wrap
From 500 Feet To 1500 Feet
From Feet To Feet
From Feet To Feet

ANNULAR MATERIALS

☒ Sanitary Seal	0	to	40		
☒ Neat Cement	0	to	460	☒ Pumped	☐ Poured
☐ Cement Grout		to		☐ Pumped	☐ Poured
☐ Concrete Grout		to		☐ Pumped	☐ Poured
☐ Bentonite Chips	460	to	480	☒ Pumped	☐ Poured
☐ Bentonite Grout		to		☐ Pumped	☐ Poured
☐ 15 % ☐ 20 % ☐ Other, explain: aqua guard					
☐ Gravel Pack [> 0.2 in.]		to		☐ Pumped	☐ Poured
☒ Sand Pack [< 0.2 in.]	480	to	1500	☒ Pumped	☐ Poured
☐ Other, explain:		to		☐ Pumped	☐ Poured

7. WATER QUALITIES
Static water level: 373 Feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: cool ° Fahrenheit
Water Quality: fair

8. WELL TEST DATA
Test Method: ☐ Bailer ☐ Pump ☐ Air Lift

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

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name National EWP *Contractor*
Address 580 W Silver ST Elko NV 89801 *Contractor*
Nevada contractor's license number as issued by the *State Contractor's Board:* 0075355
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2385
Signed: James McCoy *By driller performing actual drilling on site or contractor*
Date: 9/10/2013

(Rev. 08-12)
USE ADDITIONAL SHEETS IF NECESSARY