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

OFFICE USE ONLY
Log No. 112009
Permit No. 78818
Basin 042

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. 61798

1. OWNER Ruby Pipeline LLC
MAILING ADDRESS 2 Nevada Ave.
Colorado Springs Co 80903

ADDRESS AT WELL LOCATION Ruby Pipeline Access – Mile Marker 300.4
Subdivision Name: None County: Elko

2. LOCATION NW ¼ SE ¼ Sec 13 T 39 N/S R 59 E
PERMIT/WAIVER No. 78818 (Issued by Water Resources) Parcel No. none
Latitude 41.2652275 Longitude 115.2594067
41.265309°N, 115.258510°W NAD27 (TA)
UTM E N ☐ NAD 27 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☑ New Well ☐ Replace ☐ Recondition ☐ Deepen ☐ Other

4. PROPOSED USE (✓ Construction)
☐ Domestic ☐ Irrigation ☐ Test ☒ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☒ Rotary ☐ RVC ☐ Air ☐ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Tan, med to Fine Silty Sand	no	0	50'	50'
Tan Course Sand	no	50	90	40'
Tan Silty Sand	no	90	100'	10'
Tan Course Sand	no	100'	110'	10'
Tan Silty Sand	no	110'	130'	20'
Dark Grey Gravel, Sand	yes	130'	140'	10'
" Grey Broken Rock	yes	140'	150'	10'
" Grey Sandy Course Gravel	yes	150'	220'	70'
" Grey Sand, Gravel	yes	220'	300'	80'
Brown Silty Sand	no	300'	310	10'
Dark Grey Sand Gravel	yes	310	360	50'
Brown Silty med Course Sand	no	360	510	50'

Date started: Sept. 6, 20 10
Date completed: Sept 18, 20 10

7. Water Level
Static water level: 68 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cold °F
Quality: Good

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 510' Feet Depth Cased 420' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
22"	Inches	0	Feet	20'	Feet
14 3/4"	Inches	20'	Feet	420'	Feet
6 3/4"	Inches	420'	Feet	510'	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	62.64	.375	+2'	20'
8 5/8	22.90	.256	+2'	420'

Perforations:
Type of perforation Mill slot 8 slots/Row, 16 slots/Lin. Ft.
Size of perforation 2½ Long .100
From 160' feet to 300' feet
From 320' feet to 400' feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 100 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 104 to 420 ☐ Pumped ☐ Poured
Type:
Bentonite Chips: ☒ Yes ☐ No 420 to 510 ☒ Pumped ☐ Poured
Type: 1/4 Coated Pellets, also 104 to 100

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Layne Christensen Co. (Contractor)
Address 11001 Etiwanda Ave. (Contractor)
Fontana Ca 92337
Nevada contractor's license number issued by the State Contractor's Board 0043608
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2391
Signed (By driller performing actual drilling on-site or contractor)
Date 9/18/10

(Rev. 06-08)

USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08) (O) 627