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

OFFICE USE ONLY
Log No. 112562
Permit No. 78820
Basin 044

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. 60916

1. OWNER RUBY PIPELINE LLC
MAILING ADDRESS 2 NEVADA AVE COLORADO SPRINGS CO 80903

ADDRESS AT WELL LOCATION NO PHYSICAL ADDRESS - MP 339.02 RUBY PIPELINE ACCESS
Subdivision Name: NONE County: ELKO

2. LOCATION NW ¼ SW ¼ Sec 36 T 39 N S R 53 E
PERMIT/WAIVER No. 78820 (Issued by Water Resources) NONE (Parcel No.)

Latitude 41.223392°N Longitude 115.962140°W
UTM E N ☐ NAD 27 ☒ NAD 83/WGS 84

3. WORKED 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
BROWN SILTY CLAY	NO	0	30	30
GREENISH GREY SANDSTONE	YES	30	410	380
BLACK ROCK W/FRACTURES	YES	410	800	390

Date started: 10/27/10, 20 10
Date completed: 11/21/10, 2010

7. Water Level
Static water level: 131.29 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)
320	180'	10

9. WELL CONSTRUCTION
Depth Drilled 800 Feet Depth Cased 799 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
22	Inches	0	Feet	20	Feet
14 3/4	Inches	20	Feet	800	Feet
	Inches		Feet		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	799

Perforations:
Type of perforation MILL SLOT 8 SLOTS/ROUND 16 SLOTS/LIN FT
Size of perforation .100 2½" LONG
From 479 feet to 779 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 125	☑ Pumped	☐ Poured
☐ Cement Grout	to	☐ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout	to	☐ Pumped	☐ Poured

Gravel Pack: ☑ Yes ☐ No 129 to 800 ☑ Pumped ☐ Poured
Type: #6 SILICA
Bentonite Chips: ☑ Yes ☐ No 125 to 129 ☑ Pumped ☐ Poured
Type: 1/4" COATED

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 2420
Signed [signature] (By driller performing actual drilling on-site or contractor)
Date 12/7/10

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY 41.223392°N 115.961300°W NAD 27 (TA)

(NSPO 3-08) (O) 627