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

OFFICE USE ONLY
Log No. 109493
Permit No.
Basin 049

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. 63924

1. OWNER PACIFIC STEEL & RECYCLING
MAILING ADDRESS P. O. BOX 2026
ELKO, NV 89803

ADDRESS AT WELL LOCATION 9250 E. IDAHO STREET
OSINO AREA
Subdivision Name: PARCEL OF LAND County: ELKO

2. LOCATION NE ¼ NE ¼ Sec 10 T 35N N/S R 56 E
PERMIT/WAIVER No. 77264 (Issued by Water Resources) 006-320-036 Parcel No.

Latitude 40.941256°N
Longitude 115.643554°W
NAD 27

UTM E 11T 0614185 ☒ NAD 27
N 4532910 ☐ 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
COARSE GRAVEL W/SAND		0	5	5
TAN CLAY		5	15	10
COARSE GRAVEL W/SAND		15	20	5
FINE GRAVEL		20	30	10
COARSE GRAVEL		30	40	10
GREY CLAY HARD		40	100	60
GREY CLAY SOFT		100	200	100
GREY CLAY HARD		200	245	45
GREY/TAN CLAY W/ GRAVEL	X	245	300	55
BROWN SAND/ GREY CLAY		300	400	100
RED BROWN CLAY		400	405	5
RED CLAY W/FINE GRAVEL	X	405	440	35
RED BROWN CLAY		440	455	15
CEMENTED THE BOTTOM OF THE HOLE FROM 442' TO 455' WITH NEAT CEMENT USING A TREMIE PIPE FROM 455'				

Date started: 4-Mar, 20 09
Date completed: 12-Mar, 20 09

9. WELL CONSTRUCTION
Depth Drilled 455 Feet Depth Cased 455 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
20	Inches	0	Feet	20	Feet
14 3/4	Inches	20	Feet	455	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	42	.25	0	20
8.625	16.95	.188	+1	455

Perforations:
Type of perforation MACHINE MILL SLOT
Size of perforation 3/16" X 3", 16 ROWS
From 280 feet to 300 feet
From 380 feet to 440 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 2 to 100 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 105 to 442 ☐ Pumped ☒ Poured
Type: 3/8" PEA GRAVEL
Bentonite Chips: ☒ Yes ☐ No 100 to 105 ☐ Pumped ☒ Poured
Type: 3/8" BENTONITE CHIPS

7. Water Level
Static water level: 23 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)
200		16

STATE ENGINEERS OFFICE
2009 APR 27 PM 2:18
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10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name HACKWORTH DRILLING, INC. (Contractor)
Address P. O. BOX 850 (Contractor)
ELKO, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 020582
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1653
Signed (By driller performing actual drilling on site or contractor)
Date 3/13/2009

USE ADDITIONAL SHEETS IF NECESSARY

(Rev. 06-08)