Corrected 10/16/08

N 39.724303 W 115.915051 NAD27

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

OFFICE USE ONLY
Log No. 108134
Permit No.
Basin 153 A01

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. ~~64008~~ 62323

1. OWNER **William Norton**
MAILING ADDRESS **HC 62 Box 62150**
Eureka, NV 89316

ADDRESS AT WELL LOCATION **12th Street Diamond Valley**
Eureka, NV 89316
Subdivision Name: *County:* **Eureka**

2. LOCATION **SW¼SE¼** Sec**32**T**21**N/ R**54**E
PERMIT/WAIVER NO. **68446/68447**/ **NA**
Issued by Water Resources 68448 Parcel. No.

Latitude **39.72423** UTM E ☐ NAD 27
Longitude **115.915941** N ☒ NAD 83/WGS 84

3. WORK 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
Clay & Gravel		0	110	110
Clay		110	118	8
Hard Rock		118	154	36
W/Clay & Gravel		154	165	11
w/Rock Clay		165	185	20
Clay		185	248	63
hard Rock		248	260	12
Rock	X	260	290	30
hard Rock		290	328	38
W/Clay Rock Streaks		328	340	12
W/Clay Rock Sandy		340	370	30
W/Rock Clay Streaks	X	370	391	21
w/Clay Gravel	X	391	445	54
Hard Rock		445	451	6
Brown Clay		451	500	49
Brown Clay & Rock	X	500	540	40

Date started: **6/2/** , 20 **08**
Date completed: **6/19** , 20 **08**

RECEIVED 2008 OCT 20 PM 12:33 STATE ENGINEERS OFFICE

9. *WELL CONSTRUCTION*
Depth Drilled **540** Feet Depth Cased **540** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
24 Inches	**20** Feet	**540** Feet
36 Inches	**0** Feet	**20** Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	**42.09**	**.250**	**0**	**540**
30	**39.05**	**.109**	**0**	**20**

Perforations:
Type of perforation **Mill Cut**
Size of perforation **.1875 Double Row**
From **320** feet to **540** feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☒ Cement Grout 0 to 50 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 50 to 540 ☐ Pumped ☒ Poured
Type: **3/8 Gravel**
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

7. *Water Level*
Static water level: **130** feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: **cool** °F
Quality: **unknown**

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
To be	**Done**	**later**

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name **Parsons Drilling, Inc.** (CONTRACTOR)
Address **P.O. Box 1265** (CONTRACTOR)
Fallon, NV 89407-1265
Nevada contractor's license number issued by the *State Contractor's Board* **29064**
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* **2307**
Signed Clyde Minor (NP)
By driller performing actual drilling on site or contractor
Date **9/2/2008**

Log# 108134 pg2

Test Pumping Results

Owner: **Bill Norton**
Address: **12th St.** Permit: **68446/68447**
Town: **Eureka, NV 89316** GPS: Lat. **39.72423** Long: **-115.915941**
Location of Well: SE 1/4 of **SW** 1/4 **Sec 32** T **21** N R **54** E
Static Level Start of Test: **130'** Time Start: **4:00 PM**
Pumping Well: Monitor Well Distance from Pumping:

Time	Interval	Static	Pumping Rate	Comments: 10"X 6"
4:00 PM		130'		**Start Date: 6/27/2008**
4:01 PM	1 Min	178'	0 gpm	
4:02 PM	1 Min	178'	0 gpm	Meter reading Start:
4:03 PM	1 Min	172'	0 gpm	End:
4:04 PM	1 Min	176'	0 gpm	
4:05 PM	1 Min	188'	396 gpm	
4:10 PM	5 Min	206'	396 gpm	
4:20 PM	10 Min	222'	464gpm	Surge
4:25 PM	5 Min	222'	464 gpm	
4:30 PM	5 Min	224'	464 gpm	
4:35 PM	5 Min	225'	"	
4:40 PM	5 Min	225'	"	Surge
4:45 PM	5 Min.	225'	"	
5:00 PM	15 Min.	234'	485 gpm	
5:15 PM	15 Min.	233'	"	
5:30 PM	15 Min.	234'	"	
5:45 PM	15 Min	234'	464 gpm	Stop
			"	
7:00 AM	Min	131'	"	Start: 6/29/2008
7:10 AM	10 Min	210'	443 gpm	
7:20 AM	10 Min	205'	"	
7:30 AM	10 Min	216'	464 gpm	↑ Rpm
7:40 AM	10 Min	225'	485 gpm	↑ Rpm
7:50 AM	10 Min	225'	"	
8:00 AM	10 Min	227	"	Surge and Chlorinate
8:10 AM	10 Min	225'	542 gpm	
8:20 AM	10 Min.	"	"	
8:30 AM	10 Min.	"	"	↑
8:40 AM	10 Min.	243	610 gpm	
8:50 AM	10 Min.	244	594gpm	
9:00 AM	10 Min	"	"	
9:15 AM	15 Min	"	"	Surge
9:30 AM	15 Min	"	"	Surge
9:45 AM	15 Min	"	"	Surge

STATE ENGINEER'S OFFICE
2009 JAN 27 AM 11:25

Log# 108134 pg3

10:00 AM	15 Min	243	642 gpm	
10:15 AM	15 Min	"	"	↑Rpm
10:30 AM	15 Min	247	"	
10:45 AM	15 Min	247	"	
11:00 AM	15 Min	248	"	↑Rpm
11:15 AM	15 Min	249	"	
11:30 AM	15 Min	251	642 gpm	
12:00 PM	30 Min	255	"	↑Rpm Air
12:15 PM	15 Min	258	657 gpm	↑Rpm Air/cloudy
12:30 PM	15 Min	261	671 gpm	cloudy
12:45 PM	15 Min	263	"	cloudy
1:00 PM	15 Min	264	"	
1:15 PM	15 Min	"	"	
1:30 PM	15 Min	265	"	
1:45 PM	15 Min	"	"	
2:00 PM	15 Min.	"	"	
2:15 PM	15 Min	"	"	
2:30 PM	15 Min	"	"	
2:45 PM	15 Min	"	"	
3:00 PM	15 Min	"	"	
3:15 PM	15 Min	"	"	
3:30 PM	"	"	"	Stop
		134		Start: 6/30/2008
11:00 AM		230	610	
11:30 AM	30 min	233	"	
12:00 PM	"	"	"	
12:30 PM	"	"	710+	Air
1:00 PM	"	"	"	
1:30 PM	"	236	626 gpm	
2:00 PM	"	237	"	
2:30 PM	"	238	"	
3:00 PM	"	"	"	Surge 3X
3:30 PM	"	244	686	
4:00 PM	"	245	"	
4:30 PM	"	246	"	
5:00 PM	"	"	"	
5:30 PM	"	247	"	Stop
8:00 AM		208	610 gpm	State: 7/1/2008
8:30 AM	30 Min	210	626 gpm	
9:00 AM	"	238	727 gpm	
9:30 AM	"	254	792	
10:00 AM	"	262	828	
10:30 AM	"	274	852	

2009 JAN 27 AM 11:25

Log 108134 pg 4

11:00 AM	"	?	885	
		201	505	Start
		222	610	
		240	700	
		273	804	

2009 JAN 27 AM 11:25
STATE ENGINEERS OFFICE