

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

page 1 of 3

OFFICE USE ONLY  
Log No. 115.346  
Permit No. 153 23272  
Basin \_\_\_\_\_

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. 67006

1. OWNER Bob Burnham  
MAILING ADDRESS HC 62 Box 62153  
Eureka, NV 89316

ADDRESS AT WELL LOCATION Diamond Valley  
Eureka, NV 89316  
Subdivision Name: \_\_\_\_\_ County: Eureka

2. LOCATION SW 1/4 SW 1/4 Sec 32 T 22N N/S R 54 E  
PERMIT/WAIVER No. 23272  
Parcel No. \_\_\_\_\_

Latitude 39.73698 N UTM E  NAD 27  
Longitude -115.92139 W N  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	Thick-ness
Brown Sand/Gravel		0	28	28
Black Sand/Clay		28	55	27
Gray Clay		55	74	19
Brown Clay		74	108	34
Gray Clay		108	111	3
Black Clay		111	114	3
Gray Clay		114	125	11
Black & Gray Gravel		125	128	3
Black Sand		128	133	5
Black Sand & Clay	X	133	145	12
Black Gravel	X	145	150	5
Gray Clay		150	158	8
Black Sand w/s Clay		158	191	33
Brown Sand & Gravel		191	202	11
Gray Clay		202	212	10
Gravel	X	212	224	12
Light Gray Clay		224	260	36
Brown Clay & Rock		260	286	26
Rock w/s Clay	X	286	330	44
Brown Clay		330	334	4
Brown Rock w/s Clay	X	334	348	14
Brown Rock	X	348	360	12
Rock	X	360	371	11
Rock & Clay		371	376	5
Brown Rock	X	376	380	4
Brown Clay w/Rock	X	380	395	15

9. WELL CONSTRUCTION

Depth Drilled	500	Feet	Depth Cased	500	Feet
---------------	-----	------	-------------	-----	------

HOLE DIAMETER (BIT SIZE)

From		To	
30	Inches	0	Feet
22	Inches	100	Feet
	Inches		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
24	94.71	.375	0	100
16	42.09	.250	0	340
14	36.75	.250	340	380
12	33.41	.250	380	500

Type of perforation \_\_\_\_\_ Mill Cut \_\_\_\_\_  
Size of perforation 1/8"

From	130	feet to	150	feet
From	200	feet to	500	feet
From		feet to		feet
From		feet to		feet

Annular Seal:  Yes  No

Neat Cement 100 to 0  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured

Gravel Pack:  Yes  No 500 to 0  Pumped  Poured  
 Type: 3/8" well gravel  
 Bentonite Chips:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Type: \_\_\_\_\_

7. Water Level  
Static water level: 118 feet below land surface  
Artesian Flow:  G.P.M. \_\_\_\_\_ P.S.I. \_\_\_\_\_  
Water Temperature: Cool °F  
Quality: Unknown

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  
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 2285  
Signed [Signature]  
By driller performing actual drilling on site or contractor  
Date 6/24/2011

8. WELL TEST DATA

TEST METHOD	Bailer	Pump	Air Lift
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	

USE ADDITIONAL SHEETS IF NECESSARY

39.73694° N NAD27  
115.920531° W

\* replaces original well log # 7424

(Rev. 05-08)



page 3 of 3  
 log # 115346  
 basin # 153  
 permit # 23272

**TEST PUMPING RESULTS**

Date: 6/22/2011

Owner: Bob Burnham

Address: HC 62 Box 62153

Town: Eureka

Location of Well: Diamond Valley

Static Level at Start of Test: 118'

Permit #: 23272

Lat: 39.73698 N

Long: -115.92139 W

Time Start: 11:45 a.m.

Pumping Well: \_\_\_\_\_

Monitor Well Distance from Pumping: \_\_\_\_\_

Time	Intervals	Static	Pumping Rate	Comments
11:45 AM	Start	118		10" X 6" Office
11:50 AM	5 min	160	8"	
12:00 PM	10 min	160	8"	Back Flush
12:05 PM	5 min	165	443	
12:15 PM	10 min	165	443	Clearing/Flush
12:25 PM	10 min	165	443	Cleaning /Up RPM
12:30 PM	5 min	185	767 30"	Dirty/1550 RPM
12:35 PM	5 min	184	754 29"	Cloudy - Clearing
12:45 PM	10 min	184	754	Back Flush
1:00 PM	15 min	184	754	Clear/Back Flush/ Up RPM 1600
1:05 PM	5 min	194	907 42"	
1:15 PM	10 min	192		
1:30 PM	15 min	192	907 42"	Back Flush
1:40 PM	10 min	192	907	Cloudy - Up RPM 1650
1:57 PM	17 min	194	947 22"	10" X 7" Office 1600
2:15 PM	18 min	198	1010	
2:30 PM	15 min	198	1010	Clear/ Up RPM 1700
2:35 PM	5 min	210	1125 31"	
3:00 PM	25 min	209	1106	Clear/Up RPM 1800
3:03 PM	3 min	222	1309	Cloudy
3:15 PM	12 min	225	1309 42"	Clearing
3:45 PM	30 min	220	1309	Clear / Up RPM 1900
3:50 PM	5 min	232	1394	Cloudy
4:00 PM	10 min	235	1385 47"	Clear / Down RPM 1650
4:05 PM	5 min	209	1060	
4:25 PM	20 min	209	1060	
4:45 PM	20 min	209	1060	Clear
5:00 PM	15 min	209	1060	Clear
5:15 PM	15 min	209	1060	Clear
5:30 PM	15 min	208	1060	Clear
5:45 PM	15 min	208	1060	Clear/Shut off Power

STATE ENGINEERS OFFICE  
 24th JUL 11 AM 11:51  
 RECEIVED