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

OFFICE USE ONLY
Log No. 113253
Permit No.
Basin

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 32499

1. OWNER city of mesquit
MAILING ADDRESS 10e mesquite blvd mesquite nv 89027

ADDRESS AT WELL LOCATION mesquite
birde LN & HIGHLAND HILLS Dr

2. LOCATION SW ¼ SW ¼ Sec 7 T 13 N(S) R 71 E
PERMIT/WAIVER No. 001-07-407-022
Issued by Water Resources Parcel No.

Latitude 36 .48.43.68. UTM E ☐ NAD 27
Longitude 114.06.30.86. N ☑ NAD 83/WGS 84
Subdivision Name: County: Clark

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... has

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Attaced log				

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0011011 well 6 0011011

Date started 29-Oct , 20 10
Date completed 29-Oct , 20 10

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

8. WELL CONSTRUCTION
Depth Drilled 42'7" Feet Depth Cased 42' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8"	Inches	0	Feet	42'7"	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
.5	pvc	sch80	0	42'

Perforations:
Type of perforation slilled slrich
Size of perforation 0.10"
From a7' feet to a14' feet
From b21' feet to b28' feet
From c35' feet to c42 feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 5'
Placement Method: ☐ Pumped ☑ Poured
Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From a6' b20' c 34' feet to.. a15' b 29' c 427" feet

9. WATER LEVEL
Static water level no feet below land surface
Artesian flow G.P.M P.S.I
Water temperature °F Quality

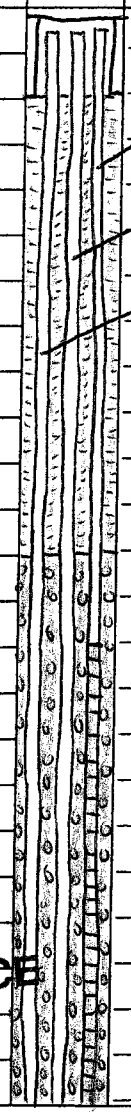
10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Eagle Drilling Services llc
Contractor
Address 7150 Placid street
Contractor
las vegas nv 89119
Nevada contractor's license number issued by the *State Contractor's Board* 51266
Nevada driller's license number issued by the Division ~~of Water Resources, the on-site driller~~ 2097
Signed
By driller performing actual drilling on site or contractor
Date 11/9/2010

(Rev. 06/10)
USE ADDITIONAL SHEETS IF NECESSARY

GES	JOB NAME: Old Mesquite Landfill Methane Probes	BORING # MW-6

JOB # M201027764E1	START 10-29-10 7:00 AM END: 10-29-10 11:45 AM	LOCATION: Birdie Lane and Highland Hills Drive Mesquite, Nevada
TOTAL DEPTH: 42' 7"	GROUND WATER DEPTH: NE DATE: TIME:	COMMENTS:
ELEVATION: EGS		
EQUIPMENT: Diedrich D-50	TYPE OF BIT: 8" O.D. HSA	Artificial Fill; ½" PVC Pipe; Bentonite Seal; ½" PVC 0.10" Screen; ⅜" Gravel Pack; ½" PVC Cap
HAMMER (lbs/inches): 140#/30"	DRILLER: Tim Thompson	
SURFACE CONDITION: desert landscape rock	LOGGER: Michael Stojanoff	SURFACE DRY DENSITY (pcf): not tested; SURFACE MOISTURE CONTENT (%): not tested

DEPTH (FEET)	REC	SAMPLE TYPE	BLOWS/ 6 INCHES	USCS	DESCRIPTION	WELL CONST.	DEPTH (FEET)
1				SM	Fill: Reddish yellow (5YR 6/6) Silty SAND, moist		1
2							2
3							3
4							4
5				CL/CH	Yellowish red (5YR 5/6) Sandy Lean CLAY to Sandy Fat CLAY, moist; Muddy Creek Formation (Miocene-Pliocene)		5
6							6
7							7
8							8
9	33 sec/ft				weakly cemented		9
10							10
11	30 sec/ft						11
12							12



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GES	JOB NAME: Old Mesquite Landfill Methane Probes	BORING # MW-6 Cont.
JOB # M20102764E1	LOCATION: Birdie Lane and Highland Hills Drive	

DEPTH (FEET)	REC	SAMPLE TYPE	BLOWS/ 6 INCHES	USCS	DESCRIPTION	WELL. CONST.	DEPTH (FEET)
	16 sec/ft			CL/CH	Yellowish red (5 YR 5/6) Sandy Lean CLAY to Sandy Fat CLAY, moist; Muddy Creek Formation (Miocene-Pliocene)		
13							13
14							14
15							15
16							16
17							17
18							18
19							19
20							20
	32 sec/ft				weakly cemented		
21							21
22							22
	56 sec/ft						
23							23
				CH	Very dark greenish gray (GLEY 1 10Y 3/1) Fat CLAY with Sand, moist; Muddy Creek Formation (Miocene-Pliocene)		
24							24
25							25
26							26
27							27
28							28
29							29
				SC/CH	Greenish gray (GLEY 1 10Y 5/1) Clayey SAND to Sandy Fat CLAY, moist; Muddy Creek Formation (Miocene-Pliocene)		
30							30

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GES	JOB NAME: Old Mesquite Landfill Methane Probes	BORING # MW-6 Cont.
JOB # M20102764 E1	LOCATION: Birdie Lane and Highland Hills Drive	

DEPTH (FEET)	REC	SAMPLE TYPE	BLOWS/ 6 INCHES	USCS	DESCRIPTION	WELL CONST.	DEPTH (FEET)
	32 Sec/ft			SC/CH	Greenish gray (GLEY 1 10Y 5/1) Clayey SAND to Sandy Fat CLAY, weakly cemented, moist; Muddy Creek Formation (Miocene-Pliocene)		
31							31
32							32
33							33
34				SC/CL	Reddish brown (5YR 4/3) Clayey SAND to Sandy Lean CLAY, moist; Muddy Creek Formation (Miocene-Pliocene)		34
35		Bulk					35
36							36
37							37
38							38
39				CH	Reddish brown (5YR 5/4) Sandy Fat CLAY, moist; Muddy Creek Formation (Miocene-Pliocene)		39
40		Bulk					40
41							41
42							42
43					End of Boring at 42'7"		43
44							44
45				☆	See Photograph # 4: Well at Completion		45
46							46
47							47
48							48

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SHEET 3 OF 3

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