



STATE OF NEVADA DIVISION OF WATER RESOURCES WELL DRILLER'S REPORT		OFFICE USE ONLY																																																																																																																																																																																																																				
		Log No.	10 3331																																																																																																																																																																																																																			
		Permit No.	212																																																																																																																																																																																																																			
Basin		212																																																																																																																																																																																																																				
PRINT OR TYPE ONLY Please complete this form in its entirety in DO NOT WRITE ON BACK accordance with NRS 534.170 and NAC 534.340																																																																																																																																																																																																																						
		NOTICE OF INTENT NO.	31424																																																																																																																																																																																																																			
1. OWNER Clark County Aviation		ADDRESS AT WELL LOCATION McCarren Airport Terminal 3																																																																																																																																																																																																																				
MAILING ADDRESS P.O. Box 11005		5757 Wanye Newton Boulevard, Las Vegas, NV																																																																																																																																																																																																																				
Las Vegas, Nv		Subdivision Name:	County: CLARK																																																																																																																																																																																																																			
2. LOCATION NE 1/4 NE 1/4 Sec 34 T 21 S R 11 E		Latitude	UTM E																																																																																																																																																																																																																			
PERMIT/WAIVER No. DW-1243A 162-34-502-010		Longitude	NAD 27																																																																																																																																																																																																																			
Issued by Water Resources		Parcel No.	162-35-101-018																																																																																																																																																																																																																			
3. WORKED PERFORMED		4. PROPOSED USE <u>Dewater</u>																																																																																																																																																																																																																				
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Replace <input type="checkbox"/> Recondition <input checked="" type="checkbox"/> Deepen <input checked="" type="checkbox"/> Other <input type="checkbox"/> Dewatering Well		<input type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Cable <input type="checkbox"/> Rotary <input type="checkbox"/> RVC <input type="checkbox"/> Municipal/Industrial <input checked="" type="checkbox"/> Monitor <input type="checkbox"/> Stock <input type="checkbox"/> Air <input checked="" type="checkbox"/> Other <input type="checkbox"/> Auger Bucket																																																																																																																																																																																																																				
6. LITHOLOGIC LOG		9. WELL CONSTRUCTION																																																																																																																																																																																																																				
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Material</th> <th>Water Strata</th> <th>From</th> <th>To</th> <th>Thick-ness</th> </tr> </thead> <tbody> <tr><td colspan="5">Well # 7456</td></tr> <tr><td colspan="5">N486498 E631163</td></tr> <tr><td>Clayey Gravel</td><td></td><td>0</td><td>3</td><td></td></tr> <tr><td>Caliche - white/hard</td><td></td><td>3</td><td>7</td><td></td></tr> <tr><td>Fat Clay-with sand, gravel</td><td></td><td>7</td><td>18</td><td></td></tr> <tr><td>Silty Clayey Sand - red,brown</td><td></td><td>18</td><td>21</td><td></td></tr> <tr><td>Clayey Gravel, cemented lenses</td><td></td><td>21</td><td>34</td><td></td></tr> <tr><td>Sandy Fat Clay, brown to tan</td><td></td><td>34</td><td>47</td><td></td></tr> <tr><td>Caliche - moderate cemented</td><td></td><td>47</td><td>49</td><td></td></tr> <tr><td>Caliche - hard</td><td></td><td>49</td><td>51</td><td></td></tr> </tbody> </table>		Material	Water Strata	From	To	Thick-ness	Well # 7456					N486498 E631163					Clayey Gravel		0	3		Caliche - white/hard		3	7		Fat Clay-with sand, gravel		7	18		Silty Clayey Sand - red,brown		18	21		Clayey Gravel, cemented lenses		21	34		Sandy Fat Clay, brown to tan		34	47		Caliche - moderate cemented		47	49		Caliche - hard		49	51		<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Depth Drilled</th> <th>51'</th> <th>Feet</th> <th>Depth Cased</th> <th>50'</th> <th>Feet</th> </tr> </thead> <tbody> <tr><td colspan="6" style="text-align: center;">HOLE DIAMETER (BIT SIZE)</td></tr> <tr> <td colspan="2" style="text-align: center;">24"</td> <td>From</td> <td>0</td> <td>To</td> <td>50</td> </tr> <tr> <td colspan="2" style="text-align: center;">24"</td> <td>Inches</td> <td>surface</td> <td>Feet</td> <td>50' BGL</td> </tr> <tr> <td colspan="2"></td> <td>Inches</td> <td></td> <td>Feet</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>Inches</td> <td></td> <td>Feet</td> <td></td> </tr> <tr><td colspan="6" style="text-align: center;">CASING SCHEDULE</td></tr> <tr> <th>Size O.D. (Inches)</th> <th>Weight/Ft. (Pounds)</th> <th>Wall Thickness (Inches)</th> <th>From (Feet)</th> <th>To (Feet)</th> <th></th> </tr> <tr> <td>6.5</td> <td>3.6</td> <td>.280</td> <td>0</td> <td>20</td> <td></td> </tr> <tr><td colspan="6" style="text-align: center;">Perforations:</td></tr> <tr> <td colspan="2">Type of perforation</td> <td colspan="4">machine slot</td> </tr> <tr> <td colspan="2">Size of perforation</td> <td colspan="4">.032"</td> </tr> <tr> <td>From</td> <td>20</td> <td>feet to</td> <td>50</td> <td>feet</td> <td></td> </tr> <tr> <td>From</td> <td></td> <td>feet to</td> <td></td> <td>feet</td> <td></td> </tr> <tr> <td>From</td> <td></td> <td>feet to</td> <td></td> <td>feet</td> <td></td> </tr> <tr> <td>From</td> <td></td> <td>feet to</td> <td></td> <td>feet</td> <td></td> </tr> <tr> <td>From</td> <td></td> <td>feet to</td> <td></td> <td>feet</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>Annular Seal:</td> <td>Yes</td> <td>X</td> <td>No</td> </tr> <tr> <td>Neat Cement</td> <td></td> <td>to</td> <td></td> <td>Pumped</td> <td>Poured</td> </tr> <tr> <td>Cement Grout</td> <td></td> <td>to</td> <td></td> <td>Pumped</td> <td>Poured</td> </tr> <tr> <td>Concrete Grout</td> <td></td> <td>to</td> <td></td> <td>Pumped</td> <td>Poured</td> </tr> <tr> <td>≥30% Bentonite Grout</td> <td></td> <td>to</td> <td></td> <td>Pumped</td> <td>Poured</td> </tr> <tr> <td>Gravel Pack:</td> <td>X</td> <td>Yes</td> <td>No</td> <td>0</td> <td>50</td> </tr> <tr> <td>Type:</td> <td></td> <td colspan="2">pea gravel</td> <td>Pumped</td> <td>X</td> </tr> <tr> <td>Bentonite Chips:</td> <td></td> <td>Yes</td> <td>X</td> <td>No</td> <td></td> </tr> <tr> <td>Type:</td> <td></td> <td>to</td> <td></td> <td>Pumped</td> <td>Poured</td> </tr> </tbody> </table>		Depth Drilled	51'	Feet	Depth Cased	50'	Feet	HOLE DIAMETER (BIT SIZE)						24"		From	0	To	50	24"		Inches	surface	Feet	50' BGL			Inches		Feet				Inches		Feet		CASING SCHEDULE						Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)		6.5	3.6	.280	0	20		Perforations:						Type of perforation		machine slot				Size of perforation		.032"				From	20	feet to	50	feet		From		feet to		feet		From		feet to		feet		From		feet to		feet		From		feet to		feet				Annular Seal:	Yes	X	No	Neat Cement		to		Pumped	Poured	Cement Grout		to		Pumped	Poured	Concrete Grout		to		Pumped	Poured	≥30% Bentonite Grout		to		Pumped	Poured	Gravel Pack:	X	Yes	No	0	50	Type:		pea gravel		Pumped	X	Bentonite Chips:		Yes	X	No		Type:		to		Pumped	Poured
Material	Water Strata	From	To	Thick-ness																																																																																																																																																																																																																		
Well # 7456																																																																																																																																																																																																																						
N486498 E631163																																																																																																																																																																																																																						
Clayey Gravel		0	3																																																																																																																																																																																																																			
Caliche - white/hard		3	7																																																																																																																																																																																																																			
Fat Clay-with sand, gravel		7	18																																																																																																																																																																																																																			
Silty Clayey Sand - red,brown		18	21																																																																																																																																																																																																																			
Clayey Gravel, cemented lenses		21	34																																																																																																																																																																																																																			
Sandy Fat Clay, brown to tan		34	47																																																																																																																																																																																																																			
Caliche - moderate cemented		47	49																																																																																																																																																																																																																			
Caliche - hard		49	51																																																																																																																																																																																																																			
Depth Drilled	51'	Feet	Depth Cased	50'	Feet																																																																																																																																																																																																																	
HOLE DIAMETER (BIT SIZE)																																																																																																																																																																																																																						
24"		From	0	To	50																																																																																																																																																																																																																	
24"		Inches	surface	Feet	50' BGL																																																																																																																																																																																																																	
		Inches		Feet																																																																																																																																																																																																																		
		Inches		Feet																																																																																																																																																																																																																		
CASING SCHEDULE																																																																																																																																																																																																																						
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)																																																																																																																																																																																																																		
6.5	3.6	.280	0	20																																																																																																																																																																																																																		
Perforations:																																																																																																																																																																																																																						
Type of perforation		machine slot																																																																																																																																																																																																																				
Size of perforation		.032"																																																																																																																																																																																																																				
From	20	feet to	50	feet																																																																																																																																																																																																																		
From		feet to		feet																																																																																																																																																																																																																		
From		feet to		feet																																																																																																																																																																																																																		
From		feet to		feet																																																																																																																																																																																																																		
From		feet to		feet																																																																																																																																																																																																																		
		Annular Seal:	Yes	X	No																																																																																																																																																																																																																	
Neat Cement		to		Pumped	Poured																																																																																																																																																																																																																	
Cement Grout		to		Pumped	Poured																																																																																																																																																																																																																	
Concrete Grout		to		Pumped	Poured																																																																																																																																																																																																																	
≥30% Bentonite Grout		to		Pumped	Poured																																																																																																																																																																																																																	
Gravel Pack:	X	Yes	No	0	50																																																																																																																																																																																																																	
Type:		pea gravel		Pumped	X																																																																																																																																																																																																																	
Bentonite Chips:		Yes	X	No																																																																																																																																																																																																																		
Type:		to		Pumped	Poured																																																																																																																																																																																																																	
7. Water Level		10. DRILLER'S CERTIFICATION																																																																																																																																																																																																																				
Static water level: 25' feet below land surface		This well was drilled under my supervision and the report is true to the best of my knowledge.																																																																																																																																																																																																																				
Artesian Flow: G.P.M. P.S.I.		Name: Griffin Dewatering Corp																																																																																																																																																																																																																				
Water Temperature: °F		Address: 536 E. Maitland Street																																																																																																																																																																																																																				
Quality:		Contractor: Ontario, Ca 91761																																																																																																																																																																																																																				
8. WELL TEST DATA		Nevada contractor's license number																																																																																																																																																																																																																				
TEST METHOD:	Bailer x Pump Air Lift	issued by the State Contractor's Board C-23 0031246																																																																																																																																																																																																																				
	G.P.M. Draw Down (Feet Below Static) Time (Hours)	Nevada driller's license number issued by the																																																																																																																																																																																																																				
		Division of Water Resources, the on-site driller M-2264																																																																																																																																																																																																																				
		Signed: <i>Griffin Dewater</i>																																																																																																																																																																																																																				
		By driller performing actual drilling on site or contractor																																																																																																																																																																																																																				
		Date: June 25, 2007																																																																																																																																																																																																																				

RECEIVED
 JUN 25 2007

JUL 1 2 2007

LAS VEGAS OFFICE