

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

Log No: **68523**
 Permit No. _____
 Basin: **84**

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 NO35489

Consultant:
 1. OWNER CDM Engineers / Constructors, Inc.
 MAILING ADDRESS 50 West Liberty St. Suite 770
Reno Nevada 89501

Client:
 ADDRESS AT WELL LOCATION Rocketdyne Former
Nevada Field Laboratory
Whiskey Springs Road Area D

2. LOCATION NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 7 T 22N
 PERMIT NOM/O 564-B MW-DEX-7 077-320-0811
 Issued by Water Resources Parcel No. _____

N/S R 22E E Washoe County
Palomino Valley Unit 11 7-2-2-1 part 1
 Subdivision Name _____

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other _____

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal/Industrial Monitor Stock

5. WELL TYPE
 Cable Rotary RVC
 Air Other TUBEX

6. LITHOLOGIC LOG

8. WELL CONSTRUCTION
 Depth Drilled 84.8 Feet Depth Cased 83.5 Feet

Material	Water Strata	From	To	Thickness
DRY, medium dense, gray, cmf Sand and mf Gravel, some silt.		0	5	5
MEDIUM dense, color change to brown below 7 feet.		5	7	2
MEDIUM dense, water injected from 7-8'.		7	9	2
MEDIUM dense.		9	15	6
MEDIUM dense, color change to dark brown and trace cobbles below 15 feet.		15	24	9
WET, medium dense, brown, mf Gravel, and cmf Sand some silt and clay.		24	40	16
WET, medium dense, brown mf Gravel and cmf Sand, trace silt and clay.		40	45	5
WET, medium dense, brown, mf Gravel, and cmf Sand, some slit and clay.		45	55	10
WET, medium dense, brown, mf Gravel and cmf Sand, little silt and clay.		55	75	20
WET, medium dense, brown mf Gravel and cmf Sand, trace silt and clay.		75	79	4
WET, medium dense, brown, gray to gray to red.				

HOLE DIAMETER (BIT SIZE)
 From To
10 Inches 0 Feet 84.8 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6 5/8</u>		<u>.250</u>	<u>-1.5</u>	<u>19</u>
<u>Welded end cap</u>				
<u>Well Vault</u>				

Perforations: Stainless Steel Wire Wrapped
 Type perforation factory sawed slot
 Size perforation 0.020
 From 19 feet to 83.50 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 3-10.5' Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Bentonite Seal: 10.5-12.5'
 Gravel Packed: Yes No
#30 Filter Sand 12.5-13.9' / #3 Lonestar Sand

Date started 3-11-97 19_____
 Date completed 3-13-97 19_____
 7. WELL TEST DATA

9. WATER LEVEL 13.9-84.8'
 Static water level: 30' feet below land surface
 Artesian flow _____ G.P. not known P.S.I.
 Water temperature N/K °F Quality not known

TEST METHOD:	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift		
<u>Welded tube, fresh, weathered, plagioclase phenocrysts.</u>	<u>79 - 84.80'</u>	<u>5.8'</u>
97 AUG 97 STATE ENG		

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name WAYNE DRILLING, INC. Contractor
 Address P.O. Box 12370 Contractor
Reno, Nevada 89510
 Nevada contractor's license number issued by the State Contractor's Board 0022549
 Nevada driller's license number issued by the Division of Water Resources the on-site driller 908
 Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date June 9, 1997