

OFFICE USE ONLY
 Log No. 82463
 Permit No. _____
 Basin. 212
 NOTICE OF INTENT NO. 20864

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

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

1. OWNER REPUBLIC DUMPCO INC ADDRESS AT WELL LOCATION SUNRISS LANDFILL
 MAILING ADDRESS 7900 E Vegas Valley
LAS VEGAS, NV 89122

2. LOCATION SW 1/4 SE 1/4 Sec. 12 T. 21 N. R. 62 E CLARK County
 PERMIT NO. 161 D 002
 Issued by Water Resources Parcel No. _____ 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 _____

6. MW-2DZ LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
SILTY SAND W/ GRAVEL		0	4	4
SILTY GRAVEL W/ SAND		4	9	5
SILTY SAND W/ GRAVEL		9	73	64
CLAYEY SAND W/ GRAVEL		73	110	37
SILTY SAND W/ GRAVEL		110	164	54
CLAYEY SAND W/ GRAVEL		164	173	9
CLAYEY GRAVEL W/ SAND		173	174	1
CLAYEY SAND W/ GRAVEL		174	207	33
SILTY GRAVEL W/ SAND		207	210	3
SILTY SAND W/ GRAVEL		210	219	9
GRAVEL		219	220	1
CLAY W/ GRAVEL		220	226	6
GRAVEL W/ CLAY		226	227	1
SANDY CLAY		227	234	7
GRAVEL		234	258	24
SILTY CLAY		258	259 1/2	1 1/2
SILTY SAND		259 1/2	260	42
GRAVEL		260	262	2
CALICHE		262	262 1/2	1/2
CLAYEY SAND, red brn		262 1/2	267	5 1/2
SILTY SAND W/ GRAVEL, BRN		267	270	3
quartziferous silty sand w/ gravel		270	278	8
poorly graded gravel w/ sand		278	280	2
brown silty sand w/ gravel		280	295	15
pink/brown silty sand w/ gravel		295	300	5
red brown sand stone		300	300 1/2	1/2
lt brown silty sand w/ gravel		300 1/2	320	19 1/2
yellow red silty sand w/ gravel		320	348	28

8. WELL CONSTRUCTION
 Depth Drilled 440 Feet Depth Cased 440 Feet

HOLE DIAMETER (BIT SIZE)
 From 10 Inches To 440 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4"</u>	<u>Sch 80</u>	<u>PVL</u>	<u>+2</u>	<u>425</u>

Perforations:
 Type perforation stainless steel wire wrap
 Size perforation 0/0
 From 425 feet to 440 feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 20 4 1/8 bent 0-20 grout Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No 4 1/8 - 423 bent pellets
 From 423 feet to 440 feet

9. WATER LEVEL
 Static water level 276.3 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 LAYNE CHRISTENSEN CO Contractor
 Address 9001 B PACIFIC AVE Contractor
TACOMA, WA 98444
 Nevada contractor's license number issued by the State Contractor's Board 0019101
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1628
 Signed [Signature]
 By driller performing actual drilling on site or contractor
 Date 03/20/01

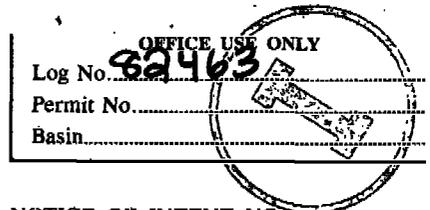
Date started 02/26/01, 19____
 Date completed 03/07/01, 19____

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>2 gal per hour</u>	<u>3 feet</u>	<u>1 hour</u>

DNV/DWA
 Received
 MAR 20 2001



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NOTICE OF INTENT NO. _____

1. OWNER _____ ADDRESS AT WELL LOCATION _____
 MAILING ADDRESS _____

2. LOCATION _____ 1/4 _____ 1/4 Sec _____ T _____ N/S R _____ E _____ County _____
 PERMIT NO. _____ Issued by Water Resources _____ Parcel No. _____ 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 _____

6. mw-202 LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
pink silty clayey sand		348	350	2
lt brown sand lean clay	Dry	350	353	3
well graded sand, brn	wet	353	355	2
pink grey clayey sand/gravel	Dry	355	357	2
red yellow fine sand/gravel		357	360	3
yellow red silty sand & gravel		360	370	10
red brown silty sand w/gravel	Dry	370	376	6
red brown gyp. sand & gravel	wet	376	378	2
pink silty sand w/gravel	Dry	378	386	8
olive grey sandy fat clay w/gravel & gypsum			397	11
olive grey fat clay/gyp		397	414	17
pale yellow fat clay w/gyp		414	420	6
yellow red lean clay		420	421	1
yellow red silty clay		421	440	19

8. WELL CONSTRUCTION
 Depth Drilled _____ Feet Depth Cased _____ Feet

HOLE DIAMETER (BIT SIZE)
 From _____ To _____
 Inches _____ Feet _____ Feet
 Inches _____ Feet _____ Feet
 Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
 Type perforation _____
 Size perforation _____
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout

Depth of Seal _____
 Placement Method: Pumped Poured
 Gravel Packed: Yes No
 From _____ feet to _____ feet

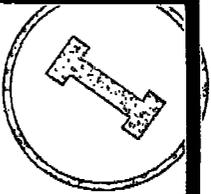
9. WATER LEVEL
 Static water level _____ feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name _____ Contractor _____
 Address _____ Contractor _____
 Nevada contractor's license number issued by the State Contractor's Board _____
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller _____
 Signed _____ By driller performing actual drilling on site or contractor
 Date _____

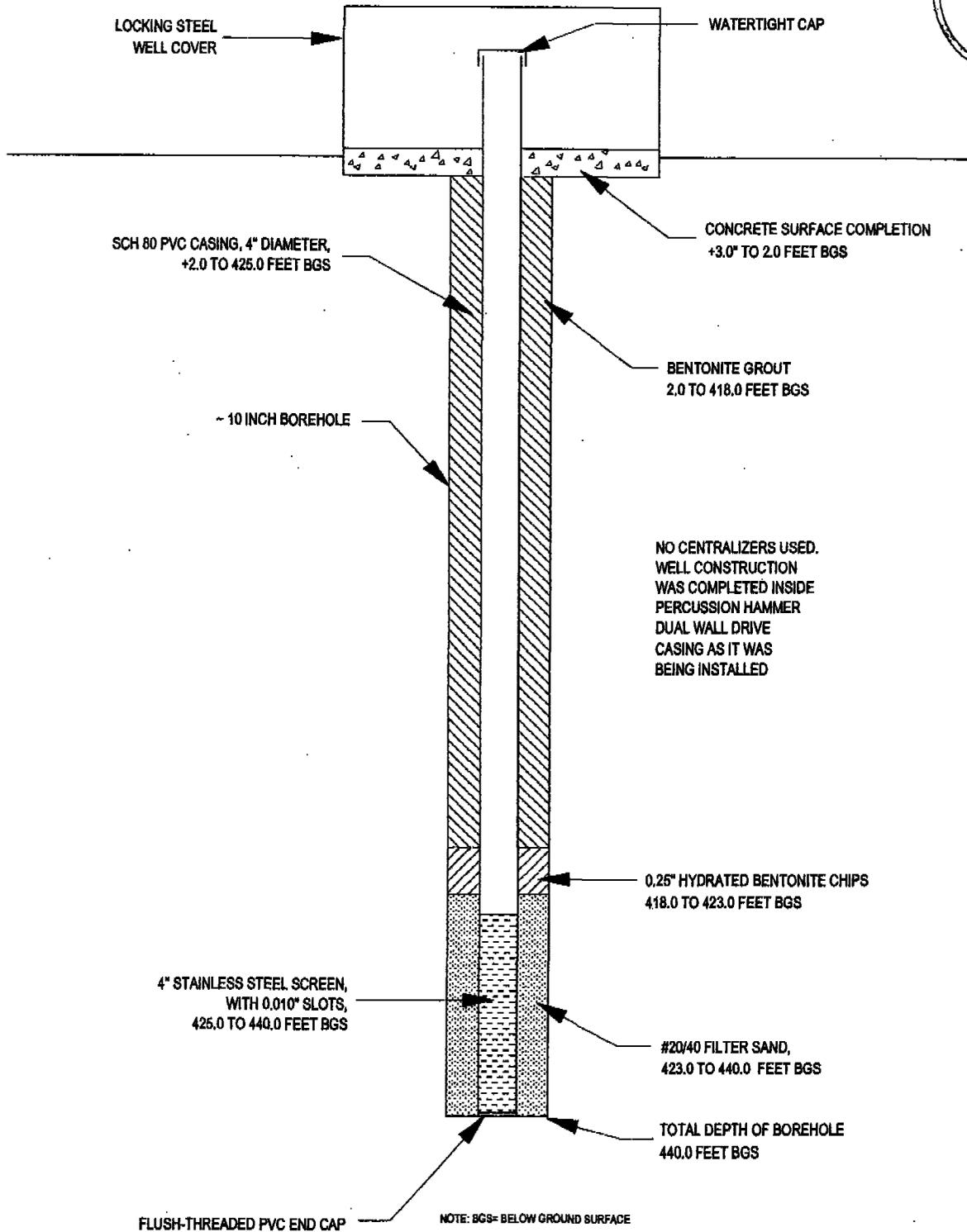
Date started _____, 19____
 Date completed _____, 19____

7. WELL TEST DATA

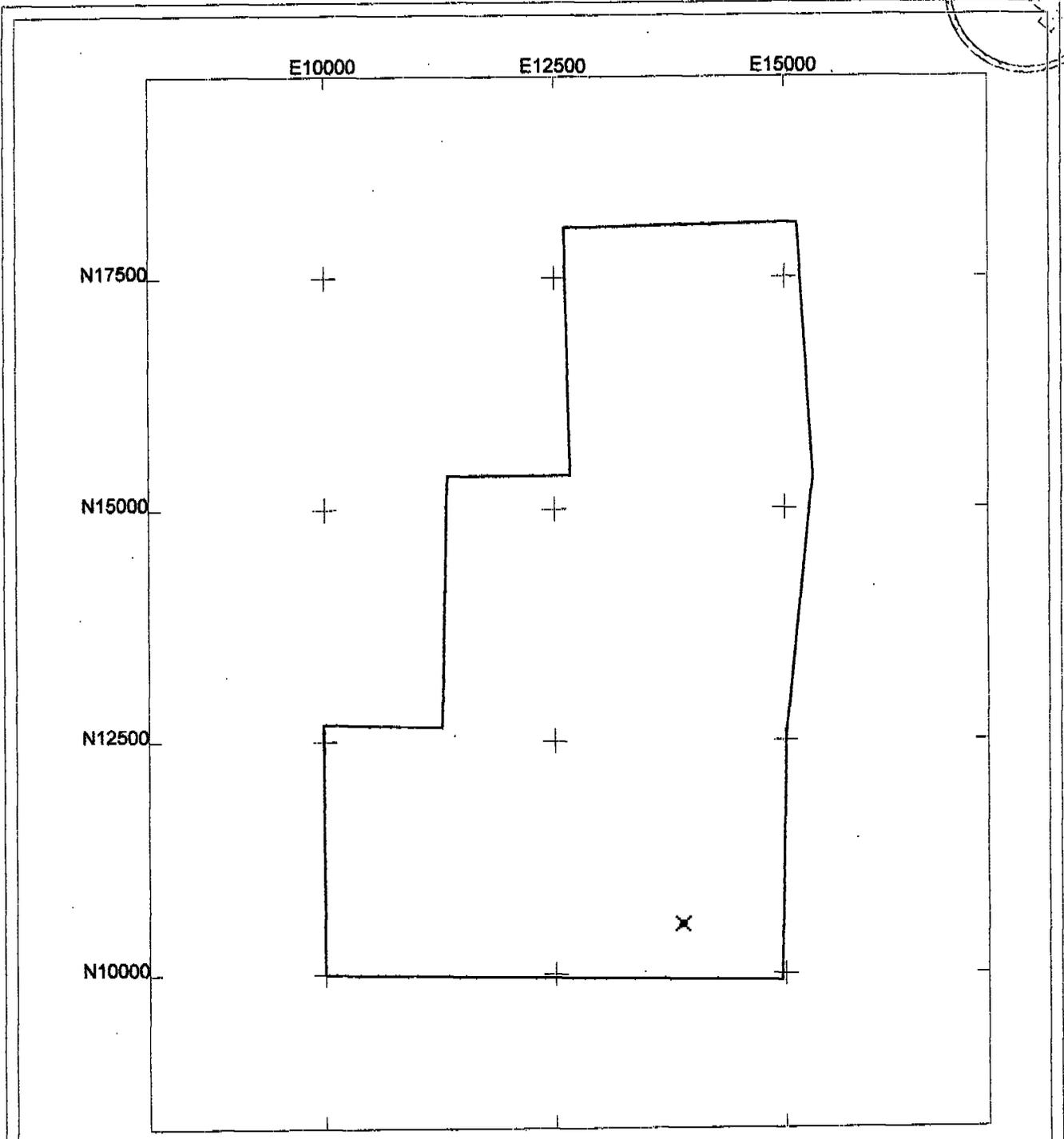
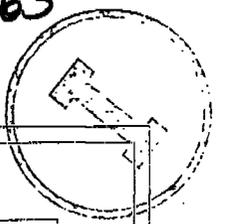
TEST METHOD: <input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	



MW-2D2

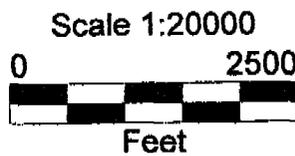


 GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC. (702) 365-1001 7580 W. Sahara Ave., Suite 101 Las Vegas, NV 89117	MW-2D2 WELL CONSTRUCTION DIAGRAM	
	JOB NO. 98744D1	FIG. 1



MW 2D2

Sunrise1
US State Plane 1927
Nevada East 2701
NADCON (Conus)



combined.ssf
3/19/2001
Pathfinder Office
 Trimble