

OFFICE USE ONLY
 Log No. 43312
 Permit No. _____
 Basin _____

WELL DRILLER'S REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 10907

PRINT OR TYPE ONLY

1. OWNER JOAN DILGER ADDRESS AT WELL LOCATION CHINA ST
 MAILING ADDRESS HCR 77 Box 41526 Lot 17
Pahrump NEV 89041
 2. LOCATION NW 1/4 NE 1/4 Sec. 29 T. 20 S. N/S R. 53 E. Nye County
 PERMIT NO. 40-253-19 CALVADA VALLEY UNIT #5 Subdivision Name

3. TYPE OF WORK
 New Well Recondition
 Deepen Other
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Stock Other
 5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Soil		0	3	3
HARD BRN CLAY		3	5	2
GREY CALICHE		5	32	27
GREY CLAY	WB	22	70	38
BROWN CLAY	WB	70	140	70
FIRST WATER 40'				

8. WELL CONSTRUCTION
 Diameter 12 1/2 inches Total depth 140 feet
 _____ inches
 _____ inches
 Casing record 140' x 8 5/8
 Weight per foot 17.11 Thickness 188
 Diameter From To
8 5/8 inches 0 feet 140 feet
 _____ inches _____ feet _____ feet
 Surface seal: Yes No Type CEMENT
 Depth of seal 50 feet
 Gravel packed: Yes No
 Gravel packed from 140 feet to 50 feet
 Perforations:
 Type perforation Torch cut
 Size perforation 1/4 x 6
 From 90 feet to 140 feet
 From _____ feet to _____ feet

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Date started Oct 26 1993
 Date completed Nov 10 1993

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours
 G.P.M. _____ Draw down _____ feet _____ hours

9. WATER LEVEL
 Static water level 40 feet below land surface
 Flow _____ G.P.M. _____ P.S.I.
 Water temperature Cold °F Quality Good

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Ron Nailon Drilling
 Address Box 265 Pahrump NEV
 Nevada contractor's license number issued by the State Contractor's Board 0035704
 Nevada contractor's driller's number issued by the Division of Water Resources 1625
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1625
 Signed Ron Nailon
 Date Nov-10 1993



Log of Well #1 --- Nellis Air Force Base, Las Vegas Nevada

0' to 25' Ground Surface
 25' to 120' Sand, Gravel & Clay
 120' to 140' Clay, pink
 140' to 170' Clay, sandy layers
 170' to 180' Sand, Clay & Gravel
 180' to 230' Clay, sandy layers
 230' to 240' Clay, Sand & Gravel
 240' to 250' Clay, sandy layers
 250' to 270' Clay, Caliche & Gravel
 270' to 370' Clay, Sand & Gravel
 370' to 390' Sand, some Clay
 390' to 410' Sand, Clay & Gravel
 410' to 420' Sand, some Clay
 420' to 440' Sand, Clay & Gravel
 440' to 530' Clay, sandy streaks & Sand with streaks of Gravel
 530' to 550' Clay & Sand
 550' to 570' Sand, some Gravel
 570' to 595' Clay, light brown
 595' to 620' Sand, fine
 620' to 690' Sand, some Clay
 690' to 700' Clay, light brown
 700' to 820' Sand & Clay
 820' to 970' Sand, Clay & Gravel
 970' to 985' Sand & fine Gravel
 985' to 1008' Clay, Sand & Gravel
 1008' to 1045' Sand, some Gravel
 1045' to 1075' Sand, Gravel & Clay
 1075' to 1090' Clay, Sand & Gravel
 1090' to 1103' Sand, some Gravel
 1103' to 1135' Sand, fine
 1135' to 1150' Fine Sand, few Pebbles
 1150' to 1165' Fine Sand, some Clay
 1165' to 1300' Clay, dark gray
 1300' to 1320' Clay, streaks of Sand
 1320' to 1502' Fanglomerate Sandstone
 Gypsum Shale

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27' of 28" x 1/4" Welded steel casing
 456' of 14" x 1/4" solid casing
 150' of 14" x 1/4" perforated casing
 170' of 10" x 1/4" solid casing
 400' of 10" x 1/4" perforated casing
 Slot perforations 1 1/2" x 3/32", 2 1/2" apart.
 Gravel packed between casing and outer well
 with a specially designed filler Gravel.
 100% passing 3/8" and 1% passing No. 14 screen

Test Pumping Data
 24 Hr. Test

Static Water Level 115' below
 G.S.

225 GPM drawdown-139'
 343 GPM drawdown 229'
 443 GPM drawdown 259'

Log of Well #2 --- Nellis Air Force Base, Las Vegas Nevada

0' to 26'	Ground Surface
26' to 60'	Sand & Gravel
60' to 117'	Clay, pink
117' to 167'	Clay, Sand & Gravel
167' to 250'	Clay, streaks of Sand
250' to 415'	Sand & Clay
415' to 445'	Clay, Lt. Brown
445' to 650'	Clay, streaks of Sand
650' to 675'	Sand & Gravel
675' to 695'	Clay, Lt. Brown
695' to 805'	Sand & Clay
805' to 855'	Clay, Sand & Gravel
855' to 965'	Clay, streaks of Sand
965' to 975'	Sand, fine
975' to 985'	Clay, brown
985' to 1005'	Sand & Clay
1005' to 1075'	Clay, streaks of Sand & Gravel between 1005'-1025'
1075' to 1085'	Sand, fine
1085' to 1115'	Clay, some sand
1115' to 1135'	Sand, Clay & Gravel
1135' to 1165'	Clay, Sand & Gravel
1165' to 1175'	Clay, Lt. Brown
1175' to 1195'	Sand & Clay
1195' to 1215'	Sand, Lt. Brown-gray
1215' to 1225'	Clay, Lt. Brown-gray
1225' to 1245'	Sand & Clay
1245' to 1255'	Clay, Lt. Brown-gray
1255' to 1430'	Sand, cemented Gravel
1430' to 1435'	Clay, gray
1435' to 1450'	Clay, fine Sand
1450' to 1456'	Clay, dark gray

28' of 28" x 1/4" welded steel casing
 456.5' of 14" x 1/4" solid casing
 144' of 14" x 1/4" perforated casing
 460' of 10" x 1/4" solid casing
 400' of 10" x 1/4" perforated casing
 Slot perforations 1 1/2" x 3/32", 2 1/2" apart.
 Gravel packed between casing and outer well
 with a specially designed filter Gravel.
 100% passing 3/8" and 1% passing No. 14 Screen

Test Pumping Data
 24 Hr. Test

 Static Water Level 130' below
 G. S.
 113 GPM drawdown - 102'
 150 GPM Drawdown - 186'
 197 GPM drawdown - 278'
 244 GPM drawdown - 358'

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