

OFFICE USE ONLY
 Log No. 71496
 Permit No. 84
 Basin. _____

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

NOTICE OF INTENT NO. 30638

1. Consultant: MONTGOMERY WATSON
 OWNER: _____ ADDRESS AT WELL LOCATION: Rocketdyne Former
 MAILING ADDRESS: 365 Lennon Lane Nevada Field Laboratory Area B
Walnut Creek, CA 94598 800 Axe Handle Canyon Road, Palomino Valley
 2. LOCATION: DATE 1/4 SE 1/4 Sec. 29 T. 22N N/S R. 21E E. Washoe County
 PERMIT NO. M/O 708 B-15A 076-15-01 Palomino Valley Only 29.212
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. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
ANDESITE: porphyritic andesite (Kate Peak Formation), light olive gray aphanitic ground-mass with partially altered plagioclase phenocrysts, moderately to highly weathered in some intervals with iron oxide staining and clay on fracture surfaces.		0	142	142
fractured with iron oxide staining on surface. Groundwater first encountered in this interval, but rose to 34' bgs. below 85' hornblende phenocrysts common. soft weathered zone with clay in fractures.		138	142	4
GRANODIORITE: medium- to coarse-grained granodiorite, comprised predominantly of feldspar, quartz, and biotite, with trace grains of pyrite. Locally weathered and fractured with associated greenish alteration.		142	145	3

Note: after removal of drill stem, water was observed cascading into borehole at a depth of 76' bgs. Groundwater stabilized at depth of 34' bgs.

8. WELL CONSTRUCTION
 Depth Drilled 145 Feet Depth Cased 55 Feet
 HOLE DIAMETER (BIT SIZE)
 From To
9 Inches 0 Feet 145 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4" OD steel		.188	0	55
1" Galvanized steel pipe			0	102
1" Sounding tube sch 80 PVC			0	102

Perforations:
 Type perforation: Factory sawed vertical slots
 Size perforation: 4" OD steel x 0.020 w/ double row vertical slots. 8" x 5' Monument with lock. Steel centralizers at 58', 102'.
1/3HP Grundfos Sub. Pump: intake set at 101'. Perforated from 55 ft. to 105 ft. pvc end cap 105'

Surface Seal: Yes No Seal Type:
 Depth of Seal: 0-55/113-145' Neat Cement
 Placement Method: Pumped Cement Grout
 Bentonite seal 48.5-51'/109-113' Concrete Grout
 Lonestar filter sand # 0/30-51-53' course
 Gravel Packed: Yes No Aquarium.
 From # 3 Lonestar filter pk. 53-109'

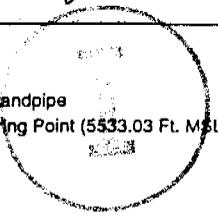
9. WATER LEVEL
 Static water level: (10/31/96) 62 feet below land surface
 Artesian flow: _____ G.P.M. NOT KNOWN P.S.I.
 Water temperature: cold °F Quality: not known

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: May 21, 1997

7. WELL TEST DATA
 TEST METHOD: Bailer Pump Air Lift
 Date started: 7/15/96, 19_____
 Date completed: 7/19/96, 19_____
RECEIVED APR 20 PM 12:02

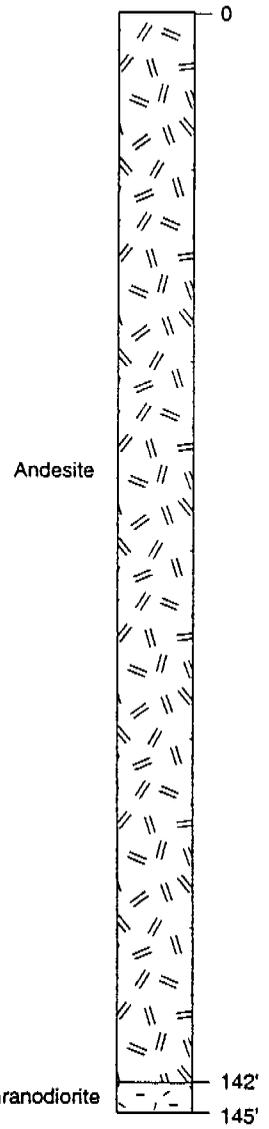
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

log 71496 2/2

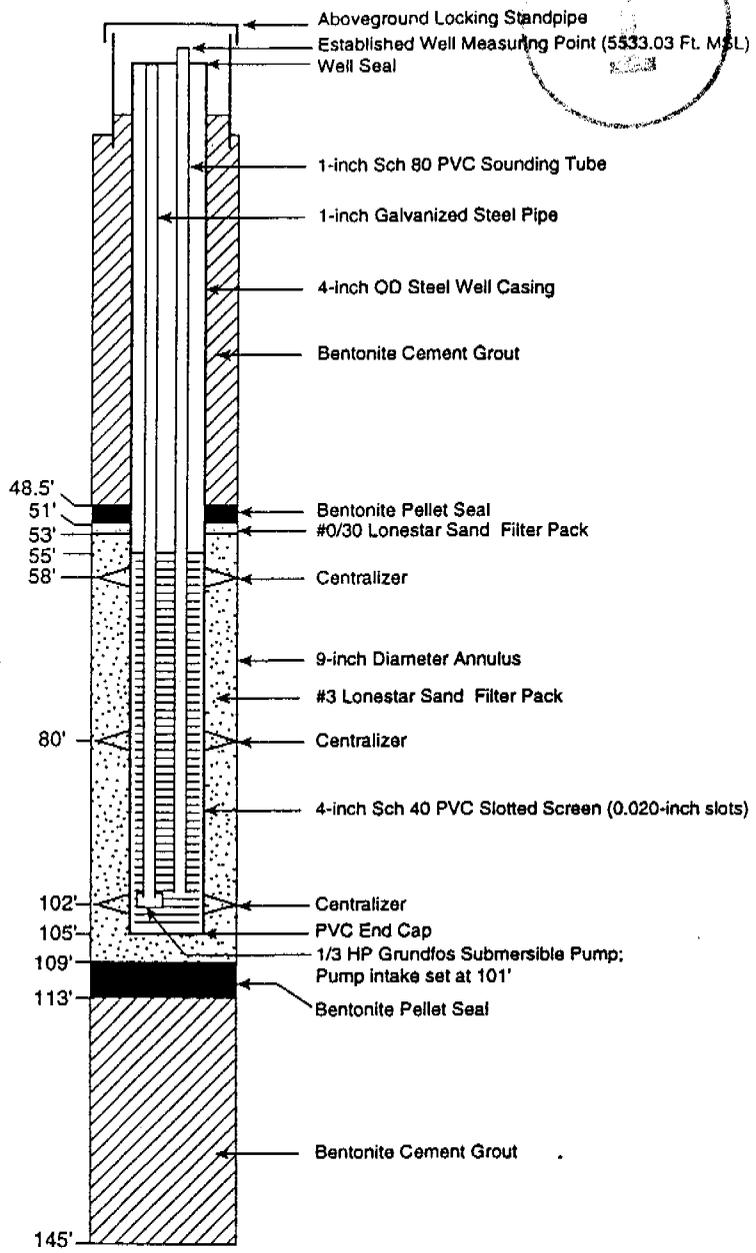


Feet Below Ground Surface

0
25
50
75
100
125
150
175



(10/31/96)



RECEIVED

90 APR 20 11:12:02

STATE ENGINEER'S OFFICE



MONTGOMERY WATSON

ROCKETDYNE
FORMER NEVADA FIELD LABORATORY
WASHOE COUNTY, NEVADA

B-15A WELL SCHEMATIC

FIGURE A-8

10/96.R