

WELL DRILLER'S REPORT

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

OFFICE USE ONLY
 Log No. 79215 79216
 Permit No. 104
 Basis 104

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

Dual Completion

NOTICE OF INTENT NO. 43792

1. OWNER Carson City Utility Dept.
 MAILING ADDRESS 3505 Butti Way
Carson City, NV 89710

ADDRESS AT WELL LOCATION Kings Canyon - Long Ranch Estates

2. LOCATION NW 1/4 NW 1/4 Sec. 18 T 16N N/S R 20E E Carson County

PERMIT NO. W-522 N/10-1198 007-061-11 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	Thick-ness
decomposed granite		0	80	
decomposed granite				
w/gravel		80	110	30
decomposed granite				
w/clay & gravel		110	120	10
decomposed granite				
w/gravel		120	180	60
decomposed granite				
w/clay		180	190	10
decomposed granite w/s				
cobbles		190	266	76
clay		266	267	1
decomposed granite				
w/cobbles		267	302	35
green clay		302	305	3
decomposed granite &				
gravel		305	368	63
clay		368	372	4
blk. rock boulders				
w/decomposed granite		372	380	8
new granite - light grey		380	395	15
green/brown clay		395	400	5
black & brown gravel		400	408	8
clay		408	420	12
sand & gravel		420	425	5
clay		425	431	6

Continued on next page

8. WELL CONSTRUCTION
 Depth Drilled 470 Feet Depth Cased 400 Feet

HOLE DIAMETER (BIT SIZE)
 From 6 Inches 0 Feet 474 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>2</u>		<u>sch. 80</u>	<u>+2</u>	<u>108</u>
<u>2</u>		<u>sch. 80</u>	<u>+2</u>	<u>40</u>

Perforations:
 Type perforation mill screen
 Size perforation .020

From 108 feet to 400 feet
 From 40 feet to 60 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 100 Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No
 From 105 feet to 400 feet

Date started 2/1/00, 19
 Date completed 2/18/00, 19

7. WELL TEST DATA

TEST METHOD:	G.P.M.		Time (Hours)
	Bailer	Pump	
400' depth	<u>30</u>	<u>8</u>	
50' depth	<u>2</u>	<u>4</u>	

Handwritten notes: 400' depth 30 G.P.M. 8 hours, 50' depth 2 G.P.M. 4 hours

9. WATER LEVEL
 Static water level (39/40' well) (15/50' well) feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature cool °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 Humboldt Drilling & Pump Co., Inc. Contractor
 Address 4675 W. Winnemucca Blvd Contractor
Winnemucca, Nevada 89445

Nevada contractor's license number issued by the State Contractor's Board 015234

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1713

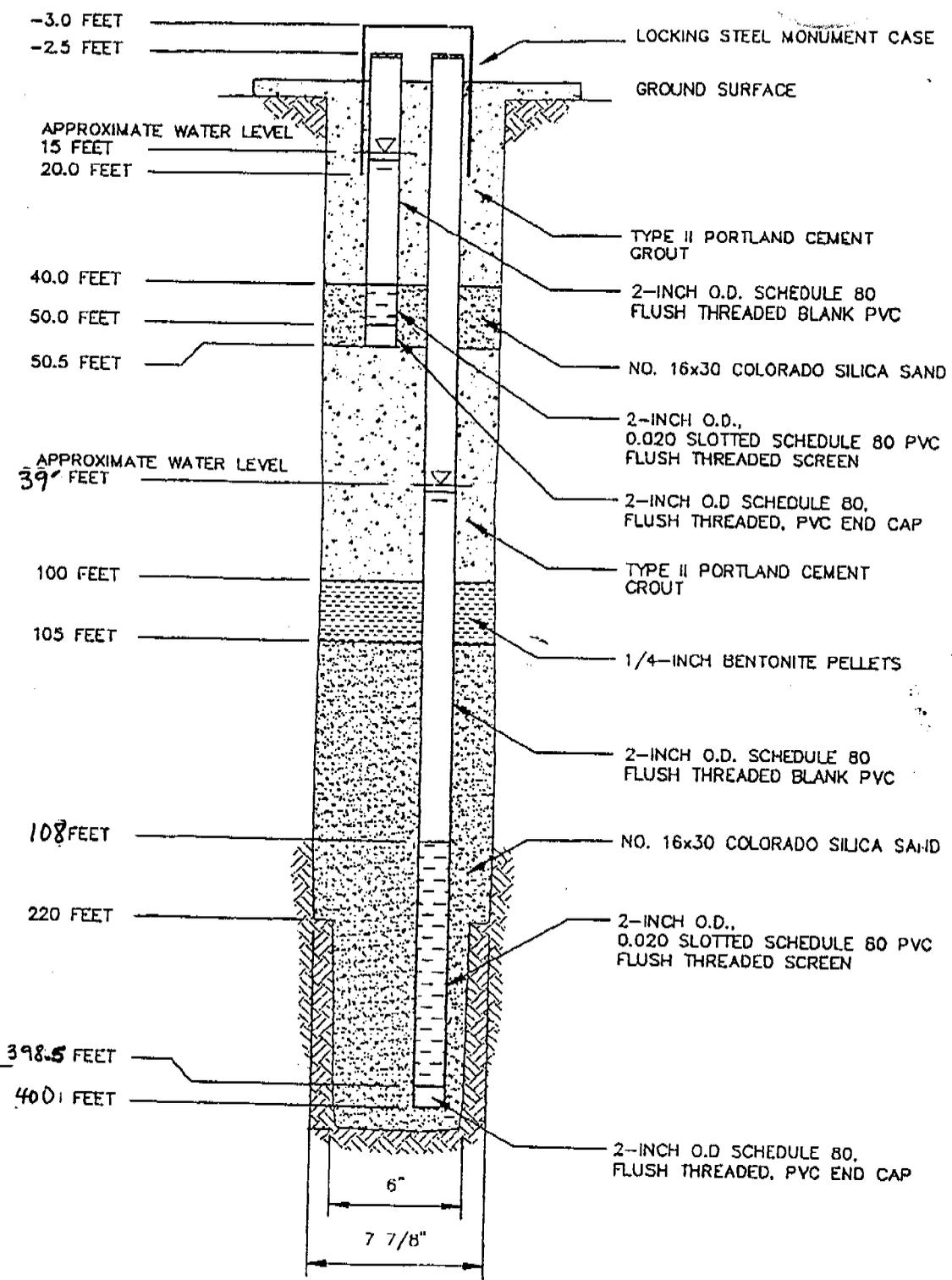
Signed [Signature]
 By driller performing actual drilling on-site or contractor

Date 2/29/00

Handwritten notes: 400' depth 30 G.P.M. 8 hours, 50' depth 2 G.P.M. 4 hours

Carson City Utility

Kings Canyon - Long Ranch Estates



Note: Well Design May Change as a Result of Lithologic and Geophysical Logging and Zonal Testing

NOT TO SCALE

DATE: Feb 2000 PROJECT NUMBER: 18354
BROWN AND CALDWELL
 Carson City, Nevada

Figure
Proposed Change to
Neminal CCUD
Monitor Well Design