

Pg #1

Log No. 23493
 Permit No.
 Basin

WELL DRILLERS REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 154
 DIAMOND VALLEY

1. OWNER WILBUR BLACK ADDRESS AT WELL LOCATION DIAMOND VALLEY
 MAILING ADDRESS P.O. BOX 57 EUREKA, NEVADA 89316
 2. LOCATION SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 20 T. 20 N/S R. 53 E. EUREKA County
 PERMIT NO. 19502 Issued by Water Resources Parcel No. Subdivision Name

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
TOP SOIL		0	11	11
SAND & GRAVEL WITH BR.				
CLAY		11	18	7
GREY CLAY		18	36	18
SAND & GRAVEL		36	40	4
SOFT GREY CLAY		40	68	28
SAND & GRAVEL		68	81	13
CEMENTED GRAVEL ROCKS TO 5"		81	95	14
SAND & GRAVEL		95	105	10
BR. CLAY W/GRAVEL		105	110	5
SAND & LG. GRAVEL		110	112	2
CEMENTED GRAVEL		112	115	3
BR. CLAY W/GRAVEL AND GRAVEL STREAKS		115	119	4
CEMENTED GRAVEL & SAND STONE		119	122	3
SAND & GRAVEL		122	124	2
CEMENTED GRAVEL & ROCKS		124	125	1
TIGHT GRAVEL & ROCKS		125	142	17
SAND & GRAVEL W/S BR. CLAY		142	182	40
LOOSE SAND & GRAVEL		182	196	14
TIGHT SAND & GRAVEL W/BR. CLAY		196	199	3
LOOSE SAND & GRAVEL W/BR. CLAY		199	225	26
SAND & TIGHT GRAVEL		225	230	5

8. WELL CONSTRUCTION

Diameter hole inches Total depth feet
 Casing record
 Weight per foot Thickness
 Diameter From To
 inches feet feet
 Surface seal: Yes No Type
 Depth of seal feet
 Gravel packed: Yes No
 Gravel packed from feet to feet
 Perforations:
 Type perforation
 Size perforation
 From feet to feet
 From feet to feet
 From feet to feet
 From feet to feet

Date started, 19.....
 Date completed, 19.....

7. WELL TEST DATA

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

BAILER TEST

G.P.M.	Draw down.....feethours
G.P.M.	Draw down.....feethours
G.P.M.	Draw down.....feethours

9. WATER LEVEL

Static water level feet below land surface
 Flow G.P.M. P.S.I.
 Water temperature ° F. Quality

10. DRILLERS 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
 Nevada contractor's drillers number
 Nevada driller's license number Actual Driller
 Signed Contractor
 Date
see pg 2

WELL DRILLERS REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 154

PRINT OR TYPE ONLY

1. OWNER WILBUR BLACK ADDRESS AT WELL LOCATION _____
 MAILING ADDRESS CONTINUED _____
 2. LOCATION SW 1/4 SE 1/4 Sec 20 T 20 N/S R 53 E EUREKA County _____
 PERMIT NO. 19502 Issued by Water Resources Parcel No. _____ Subdivision Name _____

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
GRAVEL IN CLAY W/S LG.				
ROCKS		230	297	47
SAND W/S LG. GRAVEL &				
BR. CLAY		297	426	129
LAVA GRAVEL W/S BR. CLAY		426	434	8
BR. CLAY W/S GRAVEL		434	456	22
GRAVEL W/CLAY		456	470	14
COARSE SAND W/S CLAY &				
ROCKS		470	495	25
LG. ROCKS IN BR. CLAY		495	510	10
COARSE SAND W/CLAY STRINGERS				
		510	530	20
GRAVEL W/S CLAY & ROCKS		530	532	2
BR. CLAY W/LG. ROCKS		532	541	9
LG. GRAVEL W/S BR. CLAY		541	552	11

8. WELL CONSTRUCTION
 Diameter hole 24" inches Total depth 552 feet
 Casing record 16"
 Weight per foot _____ Thickness 1/4

Diameter	From	To
16" BLANK	0	96
12" PERF	96	336
10" PERF	336	552
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

 Surface seal: Yes No Type CONCRETE
 Depth of seal 50 feet
 Gravel packed: Yes No
 Gravel packed from 50 feet to 552 feet
 Perforations:
 Type perforation ROSCOE MOSS SHUTTER SCREEN
 Size perforation 1/8"
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From see above feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Date started NOVEMBER 19, 1981
 Date completed NOVEMBER 25, 1981

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	1000	<u>240</u>	<u>4</u>

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 1.30 feet below land surface
 Flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ ° F. Quality _____

10. DRILLERS 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
P.O. BOX 689
 Address WINNEMUGCA, NEVADA 89445 Contractor
 Nevada contractor's license number 015234
 Nevada contractor's drillers number C-23
 Nevada driller's license number 1153 Actual Driller
 Signed Bud [Signature] Contractor
 Date 12-23-81