

OFFICE USE ONLY  
 Log No. 34084  
 Permit No. 212  
 Basin. 212

WELL DRILLER'S REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 17293

PRINT OR TYPE ONLY

1. OWNER U.S. ARMY CORPS OF ENGINEERS ADDRESS AT WELL LOCATION NEWS AFB  
 MAILING ADDRESS 162A DOUGLAS ST. - ROOM 608 NEWS AFB  
OMAHA, NE 68102 MW-34C  
PAGE 1

2. LOCATION NE 1/4 SW 1/4 Sec. 3 T. 20 S. R. 62 E. CLARK County

PERMIT NO. \_\_\_\_\_ Issued by Water Resources Parcel No. \_\_\_\_\_ Subdivision Name \_\_\_\_\_

3. TYPE OF WORK  
 New Well  Recondition   
 Deepen  Other

4. PROPOSED USE  
 Domestic  Irrigation   
 Municipal  Industrial  Test  Stock

5. TYPE WELL  
 Cable  Rotary   
 Other  Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>GRAVELLY SILT, gray orange, damp, 30% sand and fine gravel. Caliche nodules</u>		<u>7.5</u>	<u>9.0</u>	
<u>SANDY SILT/SILT, mod. brown, dry, 20% v. fine sand</u>		<u>15</u>	<u>16</u>	
<u>CALICHE hard drilling</u>		<u>18</u>	<u>20</u>	
<u>SILT/GRAVELLY SILT, light brown, dry, dense; some large caliche nodules</u>		<u>25</u>	<u>26</u>	
<u>SILTY SAND, mottled pale orange &amp; gray orange well cemented, dry</u>		<u>35</u>	<u>36</u>	
<u>SILT/SILTY SAND, mod. yellow brown, dense, dry; very fine grained</u>		<u>45</u>	<u>46</u>	
<u>SAND, pale yellow brown, with CALICHE, horiz frags, saturated along fractures.</u>		<u>55</u>	<u>56</u>	
<u>SILT, grayish orange, dense, damp to moist</u>		<u>65</u>	<u>66</u>	
<u>SILT, pale yellow brown, dense, some caliche nodules; moist at nodule face</u>	<input checked="" type="checkbox"/>	<u>75</u>	<u>76</u>	
<u>CALICHE, gray orange, irregular cement fractures, saturated along fractures</u>	<input checked="" type="checkbox"/>	<u>85</u>	<u>86</u>	

8. WELL CONSTRUCTION

Diameter 11 inches Total depth 122 feet

Casing record Schedule 40 - PVC

Weight per foot 2.0 lbs Thickness 0.237"

Diameter	From	To
<u>4</u> inches	<u>0</u> feet	<u>120.4</u> feet
<u>4</u> inches		

Surface seal: Yes  No  Type Cement Grout

Depth of seal 90 feet

Gravel packed: Yes  No

Gravel packed from 98 feet to 122 feet

Perforations:  
 Type perforation FACTORY SLOTTED  
 Size perforation 0.020-inch

From 100 feet to 120 feet

From \_\_\_\_\_ feet to \_\_\_\_\_ feet

9. WATER LEVEL

Static water level 70 feet below land surface

Flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.

Water temperature 74 °F Quality Poor (Cond. = 1400 umhos)

Date started April 23, 1990  
 Date completed April 23, 1990

7. WELL TEST DATA

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

BAILER TEST

G.P.M.	Draw down	feet	hours

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name H-F Drilling, Inc.  
1456B S. Manhattan Ave  
Fullerton, CA 92631

Nevada contractor's license number issued by the State Contractor's Board N/A

Nevada contractor's driller's number issued by the Division of Water Resources 1514

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1514

Signed Kenneth R. Ford  
 By driller performing actual drilling on site or contractor

Date 6-26-90

WELL DRILLER'S REPORT

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PRINT OR TYPE ONLY

1. OWNER U.S. ARMY CORPS OF ENGINEERS ADDRESS AT WELL LOCATION NEWS AFB  
 MAILING ADDRESS 1624 DOUGLAS ST. - ROOM 608 MW-34C  
OMAHA, NE 68102 PAGE 2

2. LOCATION NE 1/4 SW 1/4 Sec 3 T 20 R 62 E CLARK County  
 PERMIT NO. 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  AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
<u>SILT, med. yellow brown, damp, very dense, irregular cement</u>		<u>95</u>	<u>96</u>	
<u>NO RECOVERY</u>		<u>105</u>	<u>106</u>	
<u>SANDY SILT / CALICHE, gray orange, saturated, 20% very fine sand</u>		<u>110</u>	<u>111</u>	
<u>CALICHE, hard</u>		<u>121</u>	<u>—</u>	

8. WELL CONSTRUCTION

Diameter.....inches Total depth.....feet  
 .....inches SEE PAGE 1  
 .....inches

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..... SEE PAGE 1  
 Size perforation.....

From.....feet to.....feet  
 From.....feet to.....feet  
 From.....feet to.....feet  
 From.....feet to.....feet  
 From.....feet to.....feet

RECEIVED  
 JUN 29 1990  
 Div. of Water Resources  
 Branch Office - Las Vegas, NV

Date started..... SEE PAGE 1 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	feet	hours

9. WATER LEVEL SEE PAGE 1  
 Static water level.....feet below land surface  
 Flow.....G.P.M. ....P.S.I.  
 Water temperature.....°F Quality.....

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 Nevada contractor's driller's number issued by the Division of Water Resources 1614  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1614

Signed [Signature]  
 By driller performing actual drilling on site or contractor  
 Date 5-26-90