

WELL DRILLER'S REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 12288

PRINT OR TYPE ONLY

1. OWNER U.S. ARMY CORPS OF ENGINEERS ADDRESS AT WELL LOCATION NELLIS AFB  
 MAILING ADDRESS 1624 DOUGLAS ST. - ROOM 608 MW-28C  
OMAHA, NE 68102 PAGE 2

2. LOCATION NE 1/4 NE 1/4 Sec. 4 T. 20 N. 62 E CLARK County

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

3. TYPE OF WORK  
 New Well  Recondition   
 Decpcn  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
CONTINUED FROM PAGE 1				
SILT, mod. yellow brown, damp, very dense, saturated	✓	85	86	
SILTY CLAY/CLAYEY SILT, mod. yellow brown; 20% med. to coarse calciche nodules	✓	95	96	
SILT AND SILTY SAND, grayish orange, irregular cementation; sand layers very fine grained	✓	105	106	
SILT, grayish orange, saturated	✓	115	116	

8. WELL CONSTRUCTION

Diameter \_\_\_\_\_ inches Total depth \_\_\_\_\_ feet  
 \_\_\_\_\_ inches  
 \_\_\_\_\_ inches SEE PAGE 1

Casing record \_\_\_\_\_  
 Weight per foot \_\_\_\_\_ Thickness \_\_\_\_\_

Diameter	From	To
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes  No  Type \_\_\_\_\_  
 Depth of seal \_\_\_\_\_ feet  
 Gravel packed: Yes  No   
 Gravel packed from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Perforations: SEE PAGE 1  
 Type perforation \_\_\_\_\_  
 Size perforation \_\_\_\_\_

From	To
_____ feet to _____ feet	

Date started SEE PAGE 1, 19\_\_\_\_  
 Date completed \_\_\_\_\_, 19\_\_\_\_

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
<u>SEE PAGE 1</u>	<u>1</u>	<u>1</u>	

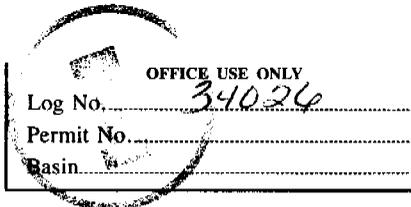
9. WATER LEVEL  
 Static water level SEE PAGE 1 feet below land surface  
 Flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

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  
 Address Fullerton, CA 92631  
 Contractor  
 Nevada contractor's license number issued by the State Contractor's Board 1614 N/A  
 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 Renneth R. Law  
 By driller performing actual drilling on site or contractor  
 Date 5-25-90

BAILER TEST AUG 09 1990

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

RECEIVED



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 MAILING ADDRESS 1624 DOUGLAS ST. - ROOM 608 MW-28C  
OMAHA, NE 68102

2. LOCATION NE 1/4 NE 1/4 Sec 4 T 20 N 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	Thick-ness
<u>Sample every 10 feet</u>				
<u>SILTY SAND, grayish-orange, very fine grained; sharp contact with CALICHE at 5.5 ft.</u>		<u>5</u>	<u>6</u>	
<u>CALICHE, very pale orange, dry, alternates with SILT layers</u>		<u>15</u>	<u>25</u>	
<u>SILT, mod. yellowish brown; very pale orange mottled, damp, dense; horiz. frags.</u>		<u>25</u>	<u>26</u>	
<u>SILT AND SILTY SAND, grayish-orange - very fine sand at 35 to 35.5 ft.</u>		<u>35</u>	<u>36</u>	
<u>SILT, mod. yellowish brown, dense, damp to moist</u>		<u>45</u> <u>55</u>	<u>46</u> <u>56</u>	
<u>SILTY SAND, grayish-orange, very fine grained, dense</u>		<u>65</u>	<u>66</u>	
<u>SILT, mod. yellowish brown, moist, variable density, some v. coarse caliche nodules</u>		<u>75</u>	<u>76</u>	

8. WELL CONSTRUCTION

Diameter 11 inches Total depth 127 feet

Casing record SCHEDULE 40 - PVC

Weight per foot 2.0 Thickness 0.237

Diameter	From	To
<u>4</u> inches	<u>0</u> feet	<u>126</u> feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes  No  Type Cement Grout

Depth of seal 90 feet

Gravel packed: Yes  No

Gravel packed from 100 feet to 127.5 feet

Perforations:  
 Type perforation FACTORY SLOTTED  
 Size perforation 0.020 - inch

From 106 feet to 126 feet

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

Date started APRIL 8 1990  
 Date completed APRIL 9 1990

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
<u>10</u>	<u>10</u>	<u>31.6</u>	<u>2</u>

9. WATER LEVEL

Static water level 79 feet below land surface

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

Water temperature 73 °F Quality Moderate (Cond. = 820 umhos/cm)

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.  
 Address 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 1614

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

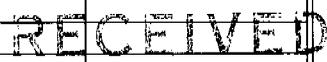
Signed Kenneth R. Lee  
 By driller performing actual drilling on site or contractor

Date 5-25-90

BAILER TEST

G.P.M. Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours

Div. of Water Resources  
 Branch Office - Las Vegas, NV



AUG 09 1990