

**WELL DRILLER'S REPORT**

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 12290

1. OWNER U.S. ARMY CORPS OF ENGINEERS  
 MAILING ADDRESS 1624 DOUGLAS ST. - ROOM 608  
OMAHA, NE 68102

ADDRESS AT WELL LOCATION NEWIS AFB  
MW-26C  
PAGE 2

2. LOCATION NE 1/4 NE 1/4 Sec. 4 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  Test   
 Municipal  Industrial  Stock

5. TYPE WELL  
 Cable  Rotary   
 Other  Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>SILT, light brown, soft with CALICHE</u>		<u>75</u>	<u>76</u>	
<u>GRAVELLY SILT, light brown, 20-30% medium gravel size caliche nodules saturated</u>	<input checked="" type="checkbox"/>	<u>85</u>	<u>86</u>	
<u>No other samples collected because risk to borehole integrity</u>				

JUN 18 AM 11:54  
 STATE ENGINEERS OFFICE

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

9. WATER LEVEL SEE PAGE 1

Static water level \_\_\_\_\_ 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 Avenue  
 Address Fullerton, CA 92631  
 Nevada contractor's license number N/A  
 issued by the State Contractor's Board  
 Nevada contractor's driller's number 1614  
 issued by the Division of Water Resources  
 Nevada driller's license number issued by the 1614  
 Division of Water Resources, the on-site driller  
 Signed Kenneth P. Daw  
 By driller performing actual drilling on site or contractor  
 Date 6-13-90

7. WELL TEST DATA

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

BAILER TEST

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

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1. OWNER U.S. Army Corps of Engineers ADDRESS AT WELL LOCATION NEWS AFB  
MAILING ADDRESS 1624 Douglas St. - Room 608 MAHA, NE 68102 MW-26C  
PAGE 1

2. LOCATION NE 1/4 NE 1/4 Sec. 4 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  Test   
Municipal  Industrial  Stock  Other  AUGER  
5. TYPE WELL  
Cable  Rotary  Other  AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Sampled every 5 feet from 0-5; top feet to T.D.</u>				
<u>SANDY SILT, grayish orange; very fine grain sand</u>		<u>5</u>	<u>6</u>	
<u>SILT/SANDY SILT, very pale orange, friable to well cemented</u>		<u>15</u>	<u>16</u>	
<u>SILTY SAND mod. yellow brown, very dense, very fine grained</u>		<u>25</u>	<u>26</u>	
<u>SILT, mod. yellow brown, dense</u>		<u>35</u>	<u>36</u>	
<u>SILTY SAND, mod. yellow brown, very fine grained</u>		<u>45</u>	<u>46</u>	
<u>CALICHE, grayish orange; horiz. fractures; minor sand</u>		<u>55</u>	<u>56</u>	
		<u>60</u>	<u>61</u>	
<u>GRAVELLY SILT, mod. yellow brown, damp, dense, 25% med-coarse caliche nodules</u>		<u>65</u>	<u>66</u>	

8. WELL CONSTRUCTION  
Diameter 14 inches Total depth 127 feet  
7.25 inches From 85 to 127 feet  
Casing record SCHEDULE 40 - PVC  
Weight per foot 0.69 lbs Thickness 0.154"  
Diameter From To  
2 inches 0 feet 124 feet  
Surface seal: Yes  No  Type Cement Grout  
Depth of seal 79.5 feet  
Gravel packed: Yes  No   
Gravel packed from 100 feet to 127 feet  
Perforations:  
Type perforation FULLY SLOTTED  
Size perforation 0.020 - inch  
From 104 feet to 124 feet

Date started APRIL 6 1990  
Date completed APRIL 11 1990

9. WATER LEVEL  
Static water level 78 feet below land surface  
Flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water temperature 71 °F Quality Good (Cond. = 540 umhos/cm)

7. WELL TEST DATA

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

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 Avenue Fullerton, CA 92531  
Nevada contractor's license number N/A issued by the State Contractor's Board  
Nevada contractor's driller's number 1614 issued by the Division of Water Resources  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1614  
Signed Theresa R. Ray By driller performing actual drilling on site or contractor  
Date 6-13-90

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

