

OFFICE USE ONLY  
 Log No. 33789  
 Permit No. \_\_\_\_\_  
 Basin. 13-212

WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 1229

1. OWNER U.S. ARMY CORPS OF ENGINEERS ADDRESS AT WELL LOCATION NEWIS AFB  
 MAILING ADDRESS 1624 DOUGLAS ST. - ROOM 602 MW-48  
OMAHA, NE 68102

LOCATION S.W. 1/4, NE 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  Test   
 Municipal  Industrial  Stock

5. TYPE WELL  
 Cable  Rotary   
 Other  AUGER

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<u>Sampled every 10 feet</u>				
<u>SILT, grayish-orange, dry, dense</u>		<u>10</u>	<u>11</u>	
<u>SILT, mottled pale yellow brown, horiz. frac, dense</u>		<u>20</u>	<u>21</u>	
<u>SILT, med. yellow brown, dense, damp - some sand</u>		<u>30</u>	<u>31</u>	
<u>SILT, as above, moist</u>		<u>39</u>	<u>40</u>	
<u>CALICHE, gray orange, dense</u>		<u>40</u>	<u>41</u>	
<u>CALICHE, hard drilling</u>		<u>50</u>	<u>58</u>	
<u>GRAVELLY SILT, pale yellow brown, some sand and gravel caliche nodules - some very fine sand</u>		<u>60</u>	<u>61</u>	
<u>CALICHE</u>		<u>65</u>	<u>73</u>	
<u>GRAVELLY SILT, gray orange, saturated along frac planes</u>		<u>75</u>	<u>76</u>	
<u>CALICHE, irregular cement, very pale orange, saturated</u>		<u>85</u>	<u>86</u>	

8. WELL CONSTRUCTION  
 Diameter 11 inches Total depth 90 feet  
 \_\_\_\_\_ inches  
 \_\_\_\_\_ inches  
 Casing record SCHEDULE 40 - PVC  
 Weight per foot 2.0 lbs Thickness 0.237"  
 Diameter From To  
4 inches 0 feet 89.6 feet  
 \_\_\_\_\_ inches \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Surface seal: Yes  No  Type Cement Grout  
 Depth of seal 53 feet  
 Gravel packed: Yes  No   
 Gravel packed from 57 feet to 90 feet  
 Perforations:  
 Type perforation FACTORY SLOTTED  
 Size perforation 0.020 - inch  
 From 59.6 feet to 89.6 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Date started MAY 11, 1990  
 Date completed MAY 11, 1990

7. WELL TEST DATA

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

9. WATER LEVEL  
 Static water level 68 feet below land surface  
 Flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature 73 °F Quality Poor (Cond. = 960 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 N/A issued by the State Contractor's Board  
 Nevada contractor's driller's number 1514 issued by the Division of Water Resources  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1514  
 Signed Kenneth R. Law 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