

WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INVESTIGATION NO. 6291  
NEWS AFB  
MW-4

1. OWNER U.S. ARMY CORPS OF ENGINEERS ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS 624 Douglas St. - Room 608 \_\_\_\_\_  
OMAHA, NE 68102

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 10 feet</u>				
<u>SILT, very pale orange, some caliche gravel, dry</u>		<u>10</u>	<u>11</u>	
<u>GRAVELLY SILT, very pale orange, irregular cemented caliche nodules, some silty sand</u>		<u>20</u>	<u>21</u>	
<u>GRAVELLY SILT, gray orange, slightly damp, dense</u>		<u>30</u>	<u>31</u>	
<u>CALICHE, white, very dense, underlain by CLAYEY SILT, mod. brown, damp</u>		<u>40</u>	<u>41</u>	
<u>CALICHE, mod. yellow brown, very dense, irregular cement</u>		<u>50</u>	<u>51</u>	
<u>SILT, gray orange, damp-moist underlain by caliche &amp; gravelly silt</u>		<u>70</u>	<u>71</u>	
<u>CALICHE, gray orange, dense</u>		<u>77</u>	<u>80</u>	
<u>SANDY SILT, gray orange, 30% very fine sand</u>		<u>90</u>	<u>91</u>	

8. WELL CONSTRUCTION  
 Diameter 11 inches Total depth 101.2 feet  
 \_\_\_\_\_ inches  
 \_\_\_\_\_ inches  
 Casing record SCHEDULE 40 - PVC  
 Weight per foot 2.0 lbs Thickness 0.237"  
 Diameter From To  
4 inches 0 feet 100.6 feet  
 \_\_\_\_\_ inches \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Surface seal: Yes  No  Type Cement Grout  
 Depth of seal 53.2 feet  
 Gravel packed: Yes  No   
 Gravel packed from 67.6 feet to 101.2 feet  
 Perforations:  
 Type perforation FACTORY SLOTTED  
 Size perforation 0.020 - inch  
 From 70.6 feet to 100.6 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Date started MAY 9, 1990  
 Date completed MAY 9, 1990

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

9. WATER LEVEL  
 Static water level 85.2 feet below land surface  
 Flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature 71 °F Quality (Cond = 640 umhos) Moderate

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  
Fullerton, CA 92631  
 Address \_\_\_\_\_ Contractor  
 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 P. Law  
 By driller performing actual drilling on site or contractor  
 Date 6-13-90