

WELL DRILLER'S REPORT

Please complete this form in its entirety

1. OWNER U.S. Army Corps of Engineers
MAILING ADDRESS 1624 Downhills St. - Room 608
OMAHA, NE 68102

ADDRESS AT WELL LOCATION
US R 62 E CLARK County
NEWS AFB
MW-29C

2. LOCATION SE 1/4 SE 1/4 Sec. 33 T 19 US R 62 E County

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

3. TYPE OF WORK

New Well <input checked="" type="checkbox"/>	Recondition <input type="checkbox"/>	Domestic <input type="checkbox"/>	5. TYPE WELL
Deepen <input type="checkbox"/>	Other <input type="checkbox"/>	Municipal <input type="checkbox"/>	Cable <input type="checkbox"/>
			Rotary <input type="checkbox"/>
			Other <input checked="" type="checkbox"/> AUGER

6. LITHOLOGIC LOG

Material	Water Strain	From	To	Thick-ness
Sampled every 10 feet after 5 feet in depth				
SAND, med yellow brown,		5	5.5	
fine to very fine grained				
CAULCHE, dense, brittle		5.5	6.0	
GRAVELLY SILT, very pale orange dense		15	16	
CAULCHE, pale orange, hard		21	24	
SAND, gray orange, very fine grained		25	26	
Five gallons				
CAULCHE, very pale orange, dense fractured		34	35	
CLAYEY SILT, med yellow		35	36	
brown damp				
SANDY SILT, med yellow		45	46	
brown 20% very fine sand				
CLAYEY SILT, med yellow brown, dense		54	55	
SILT SAND, gray orange		55	55.5	
GRAVELLY SILT				
med brown, caliche nodules		55.5	56	
CAULCHE, orange pink, dense, vugs		65	66	
SILT/CAULCHE, interbeds of dense silt with sand and caliche - fractured		75	76	
CAULCHE, irregular cement	✓	85	86	
		95	96	

RECEIVED
 JUN 29 1990
 Water Resources
 O'Rourke's seal: Yes No

8. WELL CONSTRUCTION

Diameter: 11 inches Total depth: 102 feet

Casing record: SCHEDULE 40 - PVC inches
 Weight per foot: 2.0 lbs Thickness: 0.237"
 Diameter: 0 inches From: 102 feet To: 102 feet

Water Resources O'Rourke's seal: Yes No Type: Cement Grout

Depth of seal: 58.9 feet
 Gravel packed: Yes No
 Gravel packed from: 68 feet to: 102 feet

9. WATER LEVEL

Static water level: 82.4 feet below land surface
 Flow: G.P.M. P.S.I.
 Water temperature: 71.5 °F Quality: Good (Cond. = 445 umhos)

Perforations:
 Type perforation: FACTOR 1 SLOTTED
 Size perforation: 0.020-inch
 From: 71.5 feet to: 101.5 feet
 From: feet to: feet
 From: feet to: feet
 From: feet to: feet

Date started: May 1 1990
 Date completed: May 1 1990

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
	<u>3.25</u>	<u>11.5</u>	<u>2</u>

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. Main Street, Elan Ave
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 Division of Water Resources: 1614
 Signed: [Signature] By driller performing actual drilling on site or contractor
 Date: 5-26-90