

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

**PUNCHED**

**AUG 6 1973**

MASTER CARD

Record by BEW Source of data Ed Clark Date 7/23/57 Map \_\_\_\_\_

State 28 County UNION (or town) 73

Latitude: 34<sup>deg</sup> 25<sup>min</sup> 51<sup>sec</sup> N Longitude: 088<sup>deg</sup> 57<sup>min</sup> 10<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 3<sup>70</sup> 7<sup>75</sup> S<sup>80</sup> R<sup>85</sup> 3<sup>90</sup> W<sup>95</sup> Sec<sup>100</sup> 35 SW<sup>105</sup> NE<sup>110</sup>

Local well number: H013CA3507S03E Other number: \_\_\_\_\_ B & H

Local use: \_\_\_\_\_ Owner or name: EDD CLARK Address: \_\_\_\_\_

Ownership: County (C) Fed Gov't (F) City (M) Corp or Co (N) Private (P) State Agency (S) Water Dist (W) \_\_\_\_\_ <sup>67</sup> P

Use of water: (A) Air cond. (B) Bottling (C) Comm (D) Dewater (E) Power (F) Fire (H) Dom (I) Irr (M) Med (N) Ind (P) S, Rec (R) \_\_\_\_\_

(S) Stock (T) Instit (U) Unused (V) Recharge (W) Desal-P S (X) Desal-other (Y) \_\_\_\_\_ <sup>68</sup> H

Use of well: (A) Anode (D) Drain (G) Seismic (H) Heat Res (O) Obs (P) Oil-gas (R) Recharge (T) Test (U) Unused (W) Withdraw (X) Waste (Z) Destroyed \_\_\_\_\_ <sup>69</sup> W

DATA AVAILABLE: Well data  Freq. W/L meas:  Field aquifer char.  <sup>72</sup>

Hyd. lab. data: \_\_\_\_\_ <sup>73</sup>

Qual. water data: type: \_\_\_\_\_ <sup>74</sup>

Freq. sampling: \_\_\_\_\_ Pumpage inventory:  yes  no, period: \_\_\_\_\_ <sup>76</sup>

Aperture cards: \_\_\_\_\_ yes  <sup>77</sup>

Log data: \_\_\_\_\_ <sup>78</sup> <sup>79</sup>

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 200 Meas. \_\_\_\_\_ <sup>74</sup> 6

Depth cased: \_\_\_\_\_ ft 67 Casing type: \_\_\_\_\_; Diam. \_\_\_\_\_ in \_\_\_\_\_ <sup>75</sup> 3

Finish: porous concrete (C) gravel w. (F) gravel w. (G) horiz. (H) open (I) screen (J) sd. pt. (K) shored (L) open (M) hole, other (N) \_\_\_\_\_ <sup>76</sup> X

Method: (A) air bored (B) cable (C) dug (D) hyd (E) jetted (F) air (G) reverse (H) trenching (I) driven (J) wash (K) other (L) \_\_\_\_\_ <sup>77</sup> H

Date Drilled: 954 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_ <sup>78</sup> 38

Driller: Ed Clark name \_\_\_\_\_ address \_\_\_\_\_

Lift (type): (A) air (B) bucket (C) cent (D) jet (E) multiple (F) multiple (G) none (H) piston (I) rot (J) submerg (K) turb (L) other (M) \_\_\_\_\_ Deep  Shallow  <sup>79</sup> 40

Power (type): nat (N) LP (L) Trans. or meter no. \_\_\_\_\_ <sup>80</sup> 41

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: \_\_\_\_\_ <sup>81</sup> 5

Water Level: \_\_\_\_\_ ft above \_\_\_\_\_ below MP; \_\_\_\_\_ above \_\_\_\_\_ below LSD Accuracy: \_\_\_\_\_ <sup>82</sup> 4

Date meas: 54 Yield: \_\_\_\_\_ gpm \_\_\_\_\_ Method determined \_\_\_\_\_ <sup>83</sup> 61

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ <sup>84</sup> 68

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ Chloride \_\_\_\_\_ ppm \_\_\_\_\_ Hard. \_\_\_\_\_ ppm \_\_\_\_\_ <sup>85</sup> 72

Sp. Conduct \_\_\_\_\_ K x 10 \_\_\_\_\_ Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_ <sup>86</sup> 79

Taste, color, etc. \_\_\_\_\_

Well No.

Well No. H13

Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

Alton Physiographic Province: 03 Section: 20 21

eter 3 Drainage Basin: 115 F Subbasin: 26

(D) Topo of well site: (C) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27

MAJOR AQUIFER: 1C3 system series aquifer, formation, group RI

Lithology: 5 Origin: 34 Aquifer Thickness: ft  
Length of well open to: 35 37 ft 38 40 Depth to top of: 41 43 ft

MINOR AQUIFER: 44 45 system series aquifer, formation, group 46 47

Lithology: 48 49 Origin: 50 Aquifer Thickness: ft  
Length of well open to: 51 53 ft 54 56 Depth to top of: 57 59 ft

Intervals Screened: 60 63

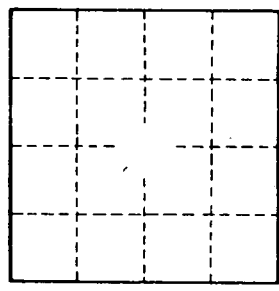
Depth to consolidated rock: 64 ft Source of data: 64

Depth to basement: 63 68 ft Source of data: 69

Surficial material: 70 71 Infiltration characteristics: 72

Coefficient Trans: 73 75 gpd/ft Coefficient Storage: 76 78

Coefficient Perm: 79 gpd/ft<sup>2</sup>; Spec cap: 79 gpm/ft; Number of geologic cards: 79



Well No.