FORM 9-1642 (1-68)

REPLACEMENT, WELL SCHEDULE

Well No. D38

Elog# 109 109

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data Drlr.'s E Log Date 8-4-69 Map

State Miss 9 20 [2 8] County (or town) Simpson Co. [6 4]

Latitude: [3 1 5 8 8 8 N] (deg 7 min 9 sec 11) N S Longitude: [0 8 9 5 4 2 4] (12 degrees 15 min sec 18) Sequential number: [1] 19

Lat-long accuracy: [3] 20 T. 2 (N) S, R 4 (E) W, Sec 29, SW ¼, NE ¼, NE ¼ B & M

Local well number: [D 0 3 8 2 9 0 7 N 0 4 E] 34 Other number:

Local use: [1 8 4 1 0 9] 40 51 Owner or name: Town of D'Lo Well #4

Owner or name: [D' L Φ] 52 56 61 66 Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [M] 67

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) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [P] 68

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. [W] 69

DATA AVAILABLE: Well data [ ] 70 Freq. W/L meas.: Field aquifer char. [ ] 72

Hyd. lab. data: [ ] 73

Qual. water data; type: [ ] 74

Freq. sampling: [ ] 75 Pumpage inventory: yes / no, period: [ ] 76

Aperture cards: yes [ ] 77

Log data: E Log 3-536 [E] 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD 1 19 Depth well: 256 ft [2 5 6] 20 23 Meas. rept accuracy [5] 24

Depth cased; (first perf.) ft [2 0 9] 25 28 Casing type: ; Diam. 12 X 6 in [1 2] 29 30

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (Z) other [G] 31

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other [H] 32

Date Drilled: [9 6 9] 33 35 Pump intake setting: ft [ ] 36 38

Driller: Griner Drilling Service (name), Columbia, Miss (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [T] 39 Deep / Shallow [ ] 40

Power (type): diesel, elec, gas, gasoline, hand, nat gas, wind; LP H.P. 15 [V] 41 Trans. or meter no.

Descrip. MP 2" vent at 2.0 310 11/24/81 ft above / below LSD, Alt. MP

Alt. LSD: 300' est [3 0 0] 42 45 Accuracy: (source) est. [6] 47

Water Level ft above / below MP; ft above / below LSD [4 9] 48 51 Accuracy: [A] 52

Date meas: [8 7 1] 53 55 Yield: 150 gpm [2 0] 56 60 Method determined [ ] 61

Drawdown: ft [ ] 62 64 Accuracy: [ ] 65 Pumping period hrs [ ] 66 68

QUALITY OF WATER DATA: Iron ppm [ ] 69 Sulfate ppm [ ] 70 Chloride ppm [ ] 71 Hard. ppm [ ] 72

Sp. Conduct K x 10^6 [ ] 73 Temp. °F [ ] 74 76 Date sampled [ ] 77 79

Taste, color, etc.

11/24/81
75
5.15
69.85
2.0
67.85
310
68
242

Well No. D38

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REPLACEMENT

Latitude-longitude ___ d m s N S d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19)

Physiographic Province: ___ 0 3 (20–21) Section: ___

D (22) Drainage Basin: ___ 1 3 T (23–25) Subbasin: ___ [ ] (26)

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

MAJOR AQUIFER: ___ system, ___ series T M (28–29) ___ aquifer, formation, group C A (30–31)

Lithology: ___ U S (32–33) Origin: ___ 3 (34) Aquifer Thickness: ___ ft

3 8 (35–37) Length of well open to: ___ ft 4 7 (38–40) Depth to top of: ___ ft 2 1 0 (41–43)

MINOR AQUIFER: ___ system, ___ series [ ] (44–45) ___ aquifer, formation, group [ ] (46–47)

Lithology: ___ [ ] (48–49) Origin: ___ [ ] (50) Aquifer Thickness: ___ ft

[ ] (51–53) Length of well open to: ___ ft [ ] (54–56) Depth to top of: ___ ft [ ] (57–59)

Intervals Screened: 40' of 6"

Depth to consolidated rock: ___ ft [ ] (60–63) Source of data: ___ [ ] (64)

Depth to basement: ___ ft [ ] (65–68) Source of data: ___ [ ] (69)

Surficial material: ___ [ ] (70–71) Infiltration characteristics: ___ [ ] (72)

Coefficient Trans: 1700 gpd/ft [ ] (73–75) Coefficient Storage: ___ [ ] (76–78)

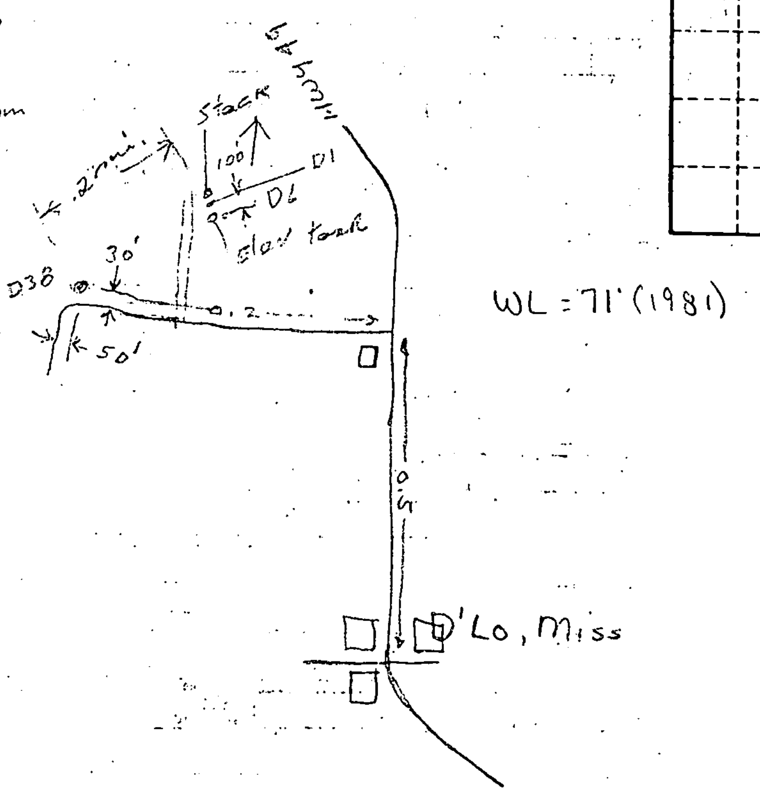
Coefficient Perm: ___ gpd/ft^2; Spec cap: 0.8 gpm/ft; Number of geologic cards: ___ [ ] (79)

Pumping test made 10/29/69
by T.N. Shows of MGS
He got T of 1,700
Q/s of 0.8
Pumping 100 - 150 gpm

WL = 47 (1969)

Sc... .030
gravel wall
209-256

WL = 71' (1981)



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GPO 937-142