

MS-14342

Ellistown

WRD Exp. (GW)
April 1966

Well No. J13

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

Elog # 13

Water level
Under
12' 3/4"
WL = 142.0

MASTER CARD (JAC. 12/17/71 Parks)
Record by P.E. Grantham Source of data D+Ir. + Elog Date 7-16-68 Map Sherman Quad
State Mississippi County Union (or town) Union

Latitude: 34 29 37 N Longitude: 08 84 30 4 Sequential number: 1
Lat-long accuracy: 2 7 5 NE NE NW

Local well number: 7013A B 0807505E Other number: B & M

Local use: 013 273 53 Owner or name: Alpine Wtr. Assoc

Owner or name: ALPINE W A Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist N

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char. Z

Hyd. lab. data: _____

Qual. water data; type: USGS 10/72

Freq. sampling: Pumpage inventory: yes no, period: _____

Aperture cards: _____ yes

Log data: E Log 4-758 hole drilled too 768 E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 720 Meas. rept accuracy 3

Depth cased; (first perf.) _____ ft 660 Casing type: Steel; Diam. 8x4 in 8

Finish: porous concrete, gravel w. concrete, (perf.), gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other G

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

Date Drilled: 7-68 968 Pump intake setting: _____ ft 190

Driller: T.M. Parks Drlg Co, Houlka, Miss

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

Power (type): nat diesel, elec, gas, gasoline, hand, gas, wind; LP 25 Trans. or meter no. _____

Descrip. MP 4 of gage 2.5 ft above LSD. Alt. MP _____

Alt. LSD: 430 430 Accuracy: (source) 70pc 90°C! 5

Water Level 133.0 ft above MP; Ft below LSD 130 Accuracy: _____ 0

Date meas: 3/28/73 273 Yield: @ 60 gpm 150 Method determined 2

Drawdown: 6-7 ft Accuracy: _____ Pumping period _____ hrs 2

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct 500 K x 10 3 Temp. °F 19.5 Date sampled 672

Taste, color, etc. USGS pH = 7.9

1987
WL = 147.82

11/92
can't be measured

10/18/78
WL = 137.

PROTECTED

WELL NO.

41
W

Well No. J13

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Province: _____ Section: 03

Drainage Basin: D Subbasin: 13C

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group EZ

Lithology: US Origin: 6 Aquifer Thickness: 55 or more ft

Length of well open to: 55 ft Depth to top of: 60 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: _____

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

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

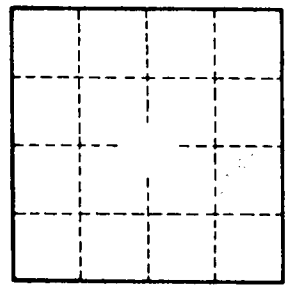
Coefficient Trans: 16,000 gpd/ft 163 Coefficient Storage: _____

Coefficient Perm: 290 gpd/ft²; Spec cap: 5.3 gpm/ft; Number of geologic cards: _____

*b-ss - 16,000/55-290
K=1/6*

WL 124 11/68 ✓
WL 130. 2/73 ✓
WL 137. 10/78

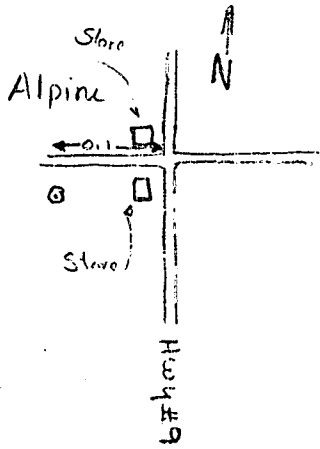
188' airline



Well No.

J13

Health # 730001-01
1992 PEG
Can't be measured w/tape
air line gage is broken
off well



7,000 gal. pressure storage tank.

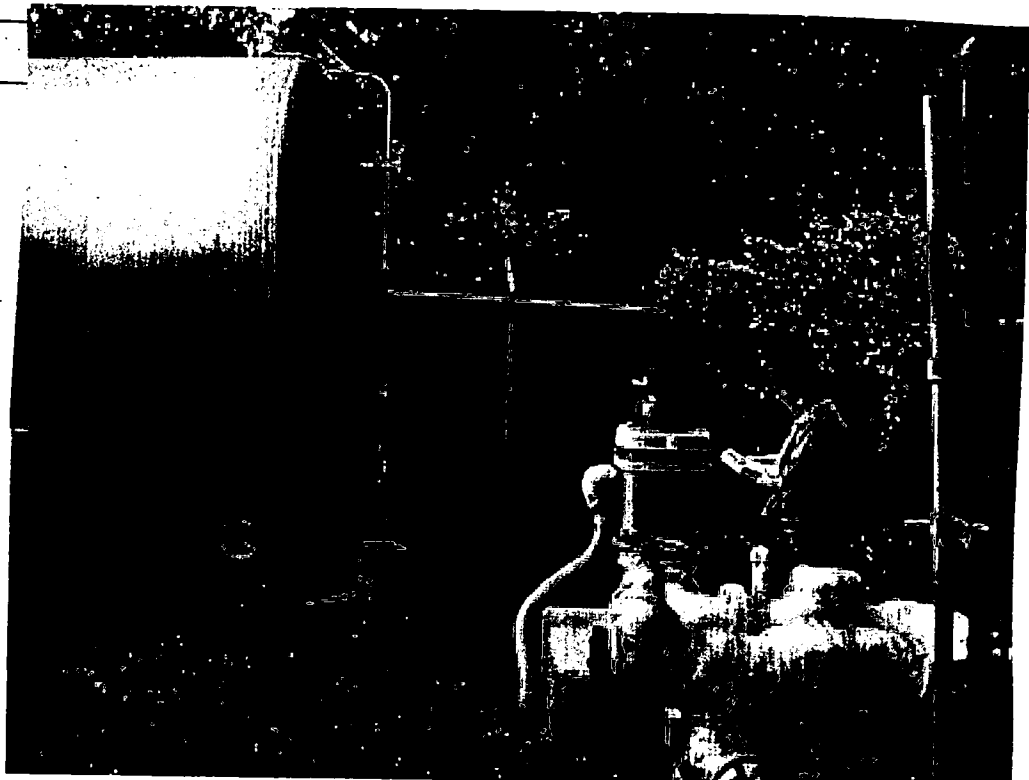
Communication with T. Parker 11-9-70. 54B.

Wanted to make well in 200-300 feet zone (approx) screened 100'
had some 60' down in try of screen yielded 65 gpm. "Dried up" GPO 857-700
in nearby domestic wells after few days. Made well in 700'
yields about 250 gpm, in 7' d by no more after 2 weeks

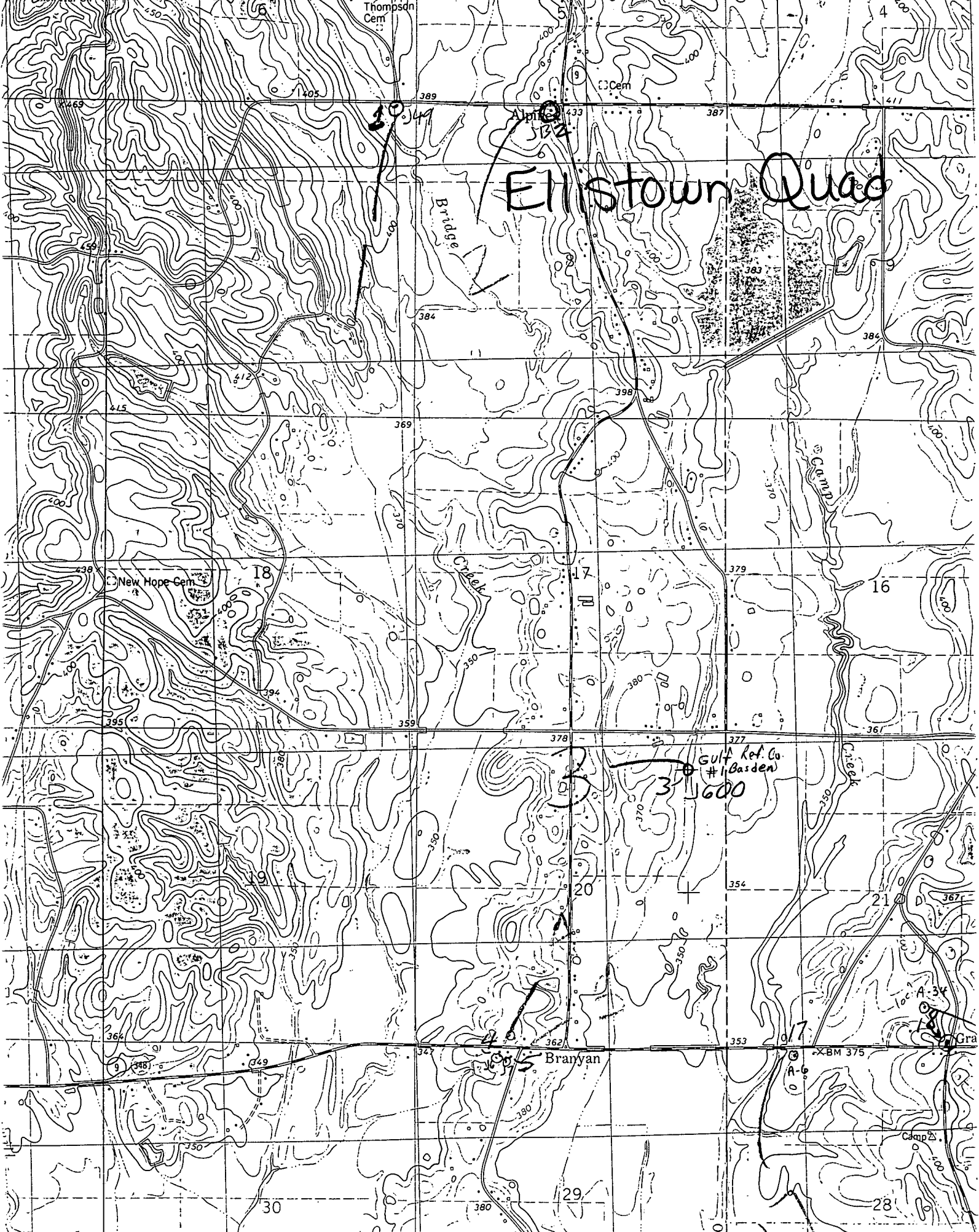
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 6/10/99
UNIT DEQ #: _____ FILE #: B061013B 6-23-99 → B062320D
HEALTH DEPT. #: 730001-01 ELEV.: 425
USGS #: J13 OLWR #: GW14342
OWNER: Alpine WA QUAD: Ellistown
LOCATION: NE/NW S 8 T 75 R 5E COUNTY: Union
LOCATION DESCRIPTION: In fenced area less than 0.1 mi west
on CR 171 from intersection with Hwy 9. On south
side of CR 171.
CASING DIAM: _____ PUMP TYPE AND SIZE: Turbine; 25 HP
GPS FIELD LOCATION: LAT: 34° 29' 40.3" LONG: 88° 48' 02.1"
6-23-99 34 29 41.00 88 48 01.60
GPS CORRECTED: LAT: 34.494634 LONG: 88.800314
REMARKS: P293



5t



Ellistown Quad

10-44

Alpha 332

18

17

16

Gulf Ref. Co. #1 (Basden) 3-600

20

21

Braynan

XBM 375

30

29

28

High Hill Cem

Thompson Cem

Cem

New Hope Cem

Creek

A-34

Gra

Camp 21