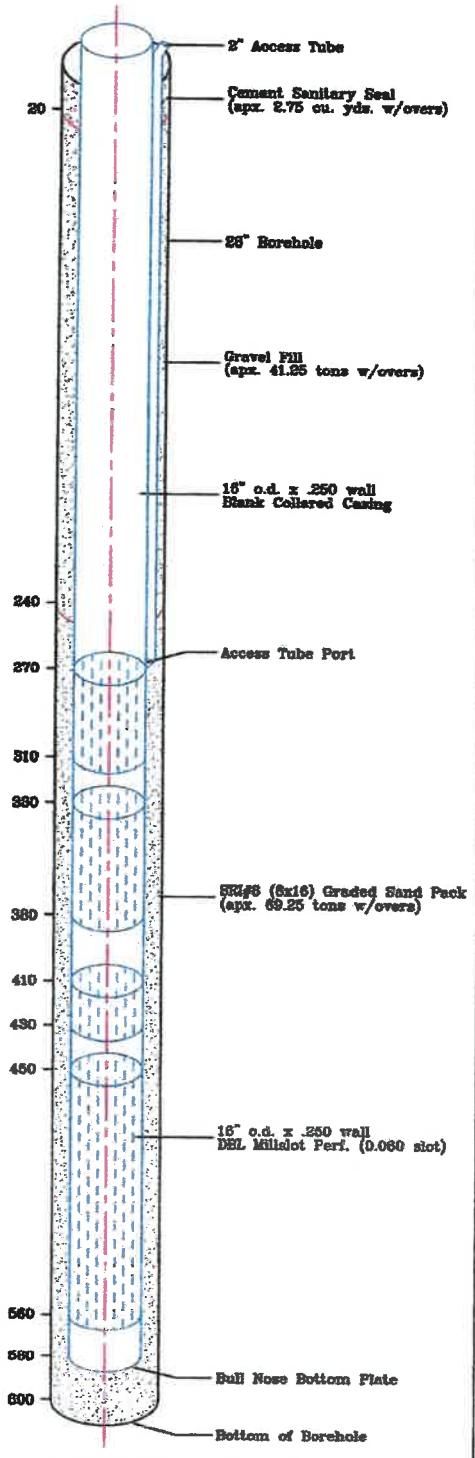
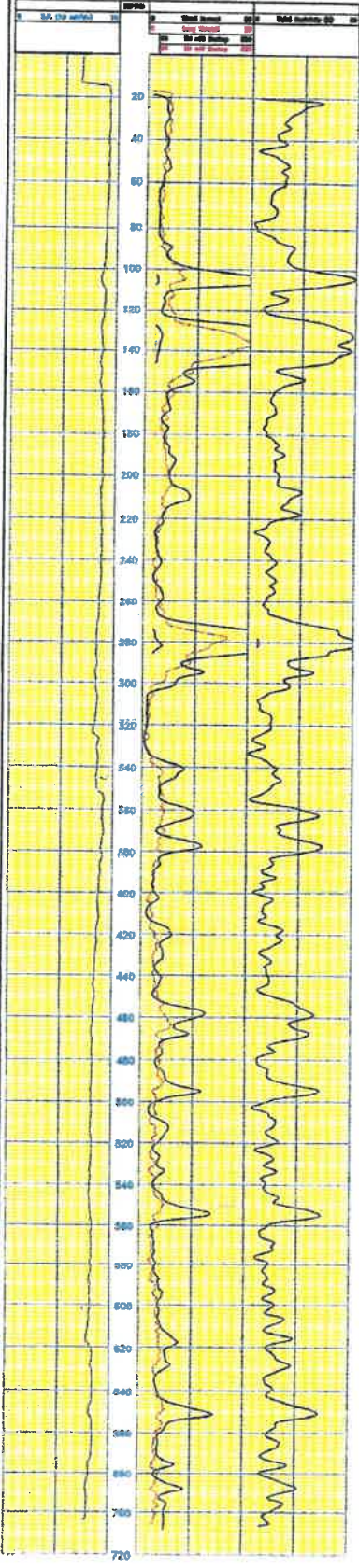


Well Profile
Job# 8614 Ag



Materials Summary	
16" o.d. x .250 wall Blank	360'
16" o.d. x .250 wall DEL Millidot	220'
2" Access Tube	270'
Gravel Fill	220'
SR1/8 (2x16) Graded Sand Pack	360'
Cement Sanitary Seal	20'
Casing Weight	Tons
16" o.d. x .250 wall Casing/Screen	12.20
Total Casing Weight	12.20
Log Type (2 x 160 deg)	

Note: This permit was issued to replace 12-019, which expired. JH

EDC # 8614

FOR OFFICE USE:

Permit No. 14-020
Date Issued 1/22/14
Approved By JH

YOLO COUNTY HEALTH DEPARTMENT
WELL AND/OR SEWAGE DISPOSAL PERMIT

This Permit Expires 120 Days From Date Issued
If Work Has Not Been Started

137 N. Cottonwood St.
Suite 2400
Woodland, CA 95695
(530)666-8646

Application is hereby made to the Yolo County Department of Health for a permit to construct and install the work herein described. This application is made in compliance with Yolo County Code, Chapter 8, Title 6. Plot plan must be placed on attached form.

JOB ADDRESS/LOCATION opp. 1754 N of CR 16 & 49th W of CR 57 PARCEL NO. 054-210-060

Owner's Name Payne Farms Phone 530-681-1437

Address PO Box 1813 City Woodland zip 95776

Contractor's Name Eaton Drilling Co., Inc. License No. 133783 CS7A Phone 530-662-6795
Mailing Address 20 W Kentucky Ave Woodland CA 95695

Installation will serve: Residence Apartment Commercial Other Agriculture
Number of separate living units _____ Number of bedrooms per unit _____ Parcel size _____
Number of restrooms per unit _____ Number of persons per unit _____

TYPE OF WELL: a) INDUSTRIAL PRIVATE DOMESTIC PUBLIC IRRIGATION OTHER _____
b) CABLE TOOL ROTARY REVERSE GRAVEL PACK OTHER _____
c) NEW WELL RECONDITION CONVERSION OTHER _____

DISTANCE TO NEAREST: SEPTIC TANK 100' + LEACH LINES 100' + SEWER 100' + OTHER 420' Met 100'
PROPERTY LINE 50' + OTHER Animal Comb. 100'

CONSTRUCTION SPECS: DIA. EXCAVATION 28" DIA. CASING 16" GAUGE CASING ~250 wall
TYPE Mild Steel

SURFACE SEAL: MATERIAL & PROCEDURE Tremie & Pump 10.75k sand slurry DEPTH 20' in 10' into clay

SURFACE PAD: MEASUREMENT: LENGTH 3' WIDTH 3' DEPTH 16"

PUMP INSTALLATION: CONTRACTOR _____ PUMP TYPE _____ H.P. _____

ABANDONMENT OF WELL: WELL TYPE _____ DEPTH _____ METHOD _____

SEWAGE DISPOSAL: (No new septic tank system permitted if public sewer is available)

SOIL TO 5 FEET: SAND SILT CLAY PEAT SANDY LOAM CLAY LOAM
WATERTABLE HARDPAN ADOBE FILL MATERIAL TYPE _____

SEPTIC TANK: TANK MATERIAL _____ GALS. _____ NO. COMPARTMENTS _____ DEPTH _____

LEACH LINES: DISTANCE TO NEAREST: WELL _____ FOUNDATION _____ PROPERTY LINE _____

DISTANCE TO NEAREST: WELL _____ FOUNDATION _____ PROPERTY LINE _____
OTHER _____

NO. OF LINES _____ LENGTH _____ WIDTH _____ DEPTH _____ TOTAL LIN. FT. _____

BOOK SIZE _____ DIST. BOX _____ MANIFOLD _____

SPECIAL DESIGN: DESCRIPTION: _____

REPAIR/ADDITION: PREVIOUS SANITATION PERMIT NO. _____ DATE _____
SEPTIC TANK (Specify Requirements) _____
DISPOSAL FIELD (Specify Requirements) _____

I hereby certify that I have prepared this application and that the work will be done in accordance with Yolo County Ordinances, State Laws, and Rules and Regulations of the Yolo County Department of Health.

SIGNED [Signature] TITLE _____ DATE 1/22/14

APPLICATION ACCEPTED BY [Signature] FEES PAID \$ 627- 44465
82233-

WELL INSPECTION: SEAL: SURFACE _____ PAD _____ SANITARY _____ FINAL _____
(sign & date) (sign & date) (sign & date) (sign & date)

SEWAGE DISPOSAL INSPECTION: TANK _____ LEACH FIELD _____ FINAL _____
(date & sign) (date & sign) (date & sign)

Google earth

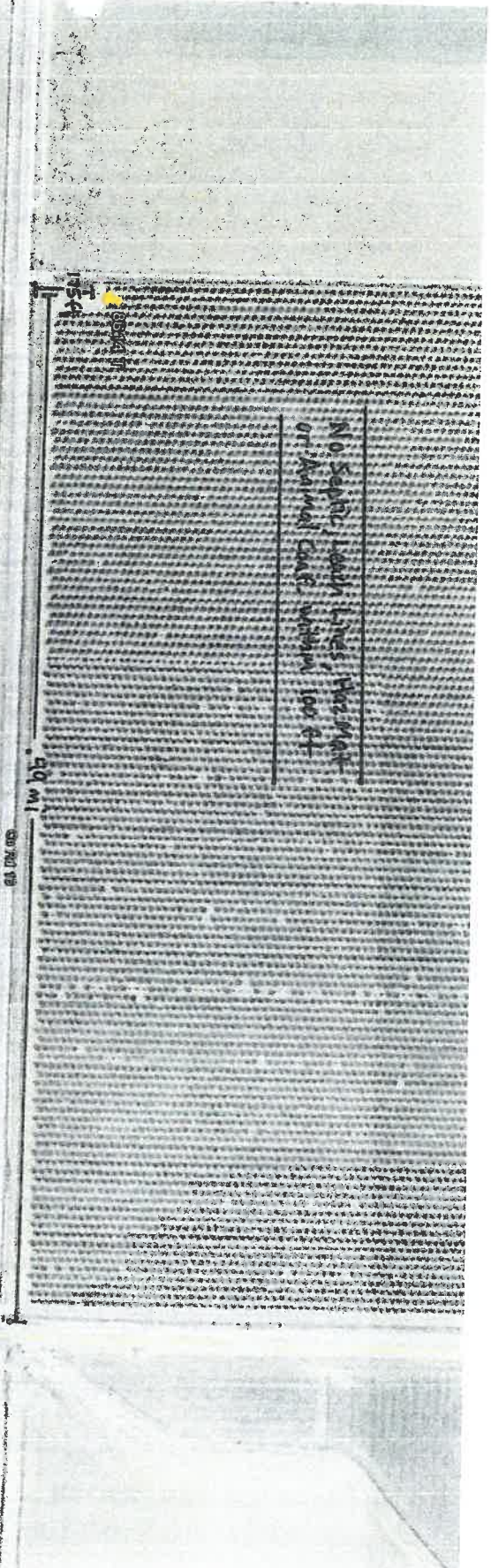
feet
meters

2000

700



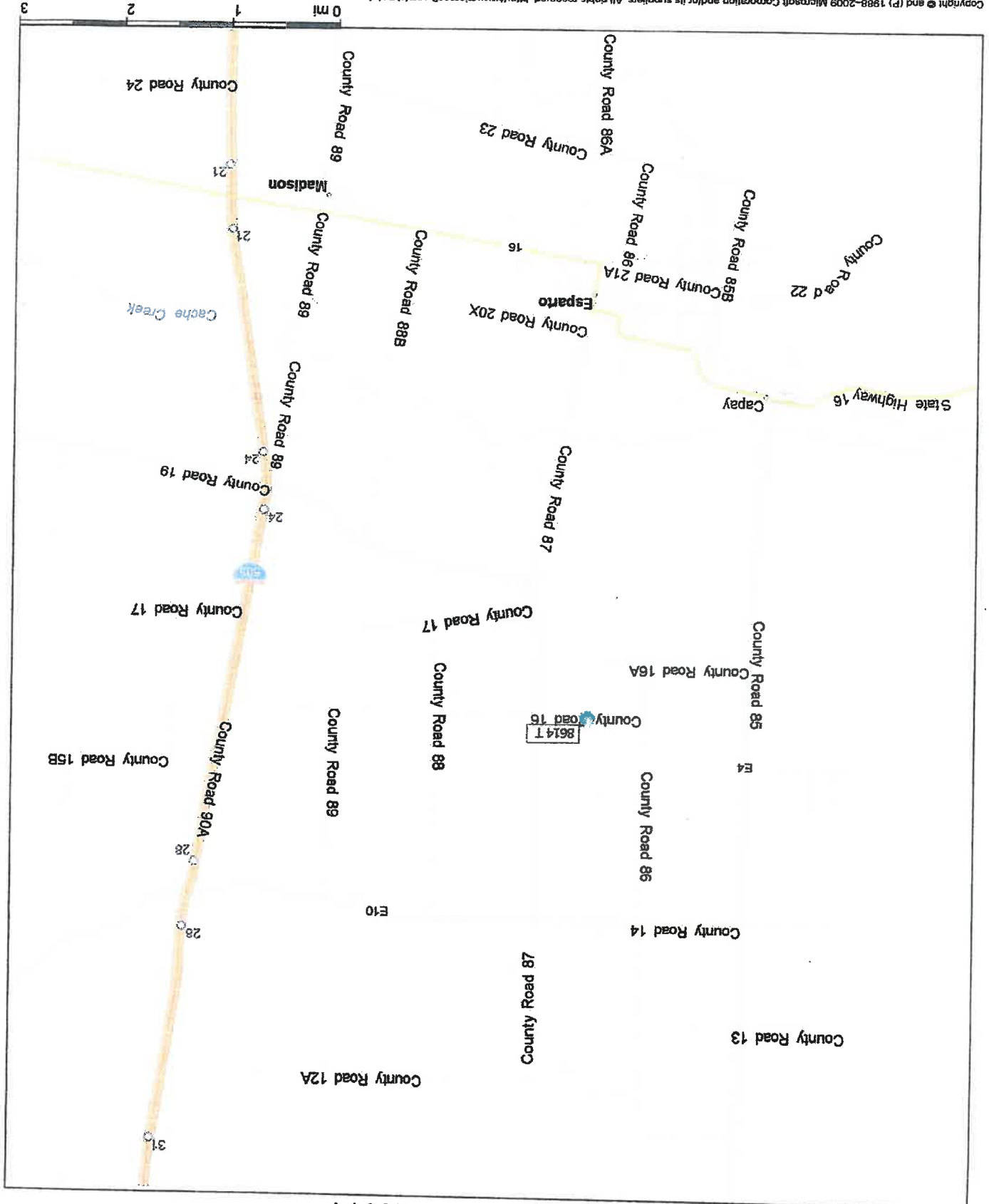
Google earth



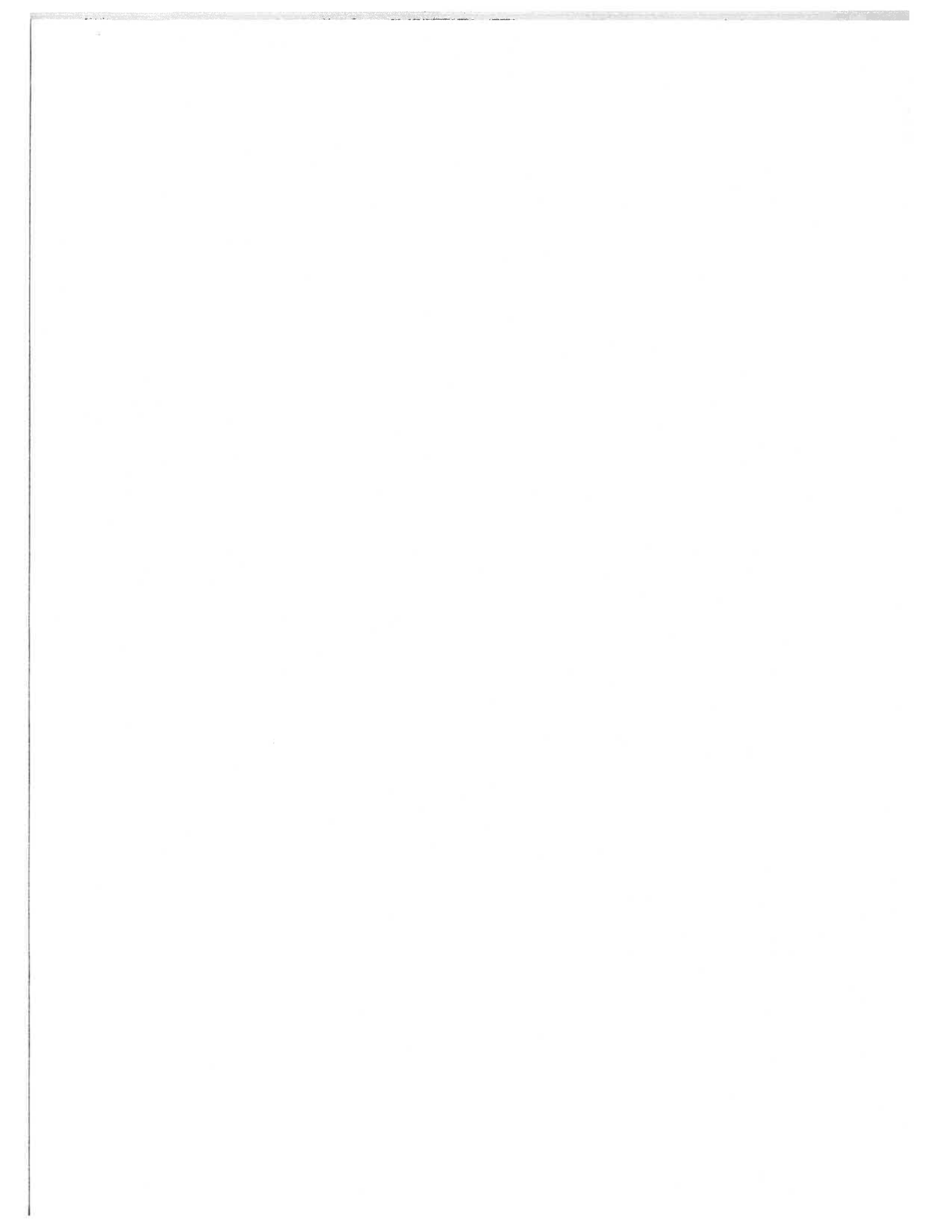
50 MI

NO SEPARATE TOWN PLANES
OR AIRWAY CLASSIFICATION FOR AT

Payne Farms - Job# 8614 1



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FOR OFFICE USE:
Permit No. 12-019
Date Issued 3-8-12
Approved by [Signature]

YOLO COUNTY HEALTH DEPARTMENT WELL AND/OR SEWAGE DISPOSAL PERMIT

137 N. Cottonwood St.
Suite 2400
Woodland, CA 95695
(530)666-8646

This Permit Expires 120 Days From Date Issued
If Work Has Not Been Started

Application is hereby made to the Yolo County Department of Health for a permit to construct and install the work herein described. This application is made in compliance with Yolo County Code, Chapter 8, Title 8. Plot plan *must* be placed on attached form.

JOB ADDRESS/LOCATION apx. 175 ft N of C/R 16 & .49 mi W of C/R 87 PARCEL NO. 054-210-060
Owner's Name Payne Farms Phone (530)681-1437
Address P. O. Box 1813 city Woodland, CA Zip 95776
Contractor's Name Eaton Drilling Co., Inc. License No. 133783 C57A Phone (530)662-6795
Mailing Address 20 W. Kentucky Ave., Woodland, CA 95695

Installation will serve: Residence Apartment Commercial Other Agricultural
Number of separate living units _____ Number of bedrooms per unit _____ Parcel size _____
Number of restrooms per unit _____ Number of persons per unit _____

TYPE OF WELL: a) INDUSTRIAL PRIVATE DOMESTIC PUBLIC IRRIGATION OTHER _____
b) CABLE TOOL ROTARY REVERSE GRAVEL PACK OTHER _____
c) NEW WELL RECONDITION CONVERSION OTHER _____

DISTANCE TO NEAREST: SEPTIC TANK 100' + LEACH LINES 100' + SEWER 100' + OTHER Haz Mat 100' +
PROPERTY LINE 50' + OTHER Animal Conf. 100' +

CONSTRUCTION SPECS: DIA. EXCAVATION ~28" DIA. CASING ~16" GAUGE CASING ~.250 wall
TYPE mild steel

SURFACE SEAL: MATERIAL & PROCEDURE Tremie & Pump 10.3 sk sand slurry DEPTH 20' min - 10' into clay layer
SURFACE PAD: MEASUREMENT: LENGTH _____ WIDTH _____ DEPTH _____
PUMP INSTALLATION: CONTRACTOR _____ PUMP TYPE _____ H.P. _____
ABANDONMENT OF WELL: WELL TYPE _____ DEPTH _____ METHOD _____

SEWAGE DISPOSAL: (No new septic tank system permitted if public sewer is available)
SOIL TO 5 FEET: SAND SILT CLAY PEAT SANDY LOAM CLAY LOAM
WATERTABLE HARDPAN ADOBE FILL MATERIAL TYPE _____
SEPTIC TANK: TANK MATERIAL _____ GALS. _____ NO. COMPARTMENTS _____ DEPTH _____
DISTANCE TO NEAREST: WELL _____ FOUNDATION _____ PROPERTY LINE _____
LEACH LINES: DISTANCE TO NEAREST: WELL _____ FOUNDATION _____ PROPERTY LINE _____
OTHER _____

NO. OF LINES _____ LENGTH _____ WIDTH _____ DEPTH _____ TOTAL LIN. FT. _____
ROCK SIZE _____ DIST. BOX _____ MANIFOLD _____
SPECIAL DESIGN: DESCRIPTION: _____
REPAIR/ADDITION: PREVIOUS SANITATION PERMIT NO. _____ DATE _____
SEPTIC TANK (Specify Requirements) _____
DISPOSAL FIELD (Specify Requirements) _____

I hereby certify that I have prepared this application and that the work will be done in accordance with Yolo County Ordinances, State Laws, and Rules and Regulations of the Yolo County Department of Health.

SIGNED [Signature] Eaton Drilling Co., Inc. TITLE _____ DATE 3/7/2012

APPLICATION ACCEPTED BY [Signature] FEES PAID \$ 627.00 Receipt # 74134

WELL INSPECTION: SEAL: SURFACE _____ (sign & date) PAD _____ (sign & date) SANITARY _____ (sign & date) FINAL _____ (sign & date)
SEWAGE DISPOSAL INSPECTION: TANK _____ (date & sign) LEACH FIELD _____ (date & sign) FINAL _____ (date & sign)

ORIGINAL
File with DWR

Page 1 of 2

Owner's Well No. 8614

Date Work Began 2/18/2014, Ended 2/21/2014

Local Permit Agency Yolo County Health Dept

Permit No. 14-020

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. **E0208759**

Permit Date 1/22/2014

DWR USE ONLY -- DO NOT FILL IN

STATE WELL NO./STATION NO.	
LATITUDE	LONGITUDE
APN/TRS/OTHER	

GEOLOGIC LOG

ORIENTATION (✓)		DRILLING METHOD	FLUID WATER
✓ VERTICAL — HORIZONTAL — ANGLE — (SPECIFY)		REVERSE	
DEPTH FROM SURFACE	DESCRIPTION		
Ft. to Ft.	Describe material, grain, size, color, etc.		
0 to 10	Top soil		
10 to 85	Silty brown clay		
85 to 100	Sandy clay		
100 to 110	Sand and gravel		
110 to 124	Silty brown clay		
124 to 150	Sand and gravel		
150 to 160	Sand		
160 to 205	Silty yellow clay		
205 to 215	Sand		
215 to 268	Silty yellow clay		
268 to 290	Sand and gravel		
290 to 302	Coarse sand		
302 to 335	Silty blue clay		
335 to 380	Sand with blue clay streaks		
380 to 415	Silty blue clay		
415 to 452	Tan clay with hard clay streaks		
452 to 470	Sand		
470 to 490	Tan clay with hard clay streaks		
490 to 498	Sand		
498 to 550	Tan clay with hard clay streaks		
550 to 558	Sand		
558 to 645	Tan clay with hard clay streaks		
645 to 655	Sand		
655 to 700	Tan clay with sand and hard clay streaks		

WELL OWNER

Name **Payne Farms**
 Mailing Address **PO Box 1813**
Woodland CA **95776**
 CITY STATE ZIP
 Address **175' N of C/R 16 & .49 Mi W of C/R 87**
 City **CA**
 County **YOLO**
 APN Book **054** Page **210** Parcel **060**
 Township **11 N** Range **1 W** Section **31**
 Latitude

WELL LOCATION
 LOCATION SKETCH
 NORTH
 WEST EAST SOUTH
 Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.

ACTIVITY (✓)
 NEW WELL
 MODIFICATION/REPAIR
 — Deepen
 — Other (Specify)
 DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")
 PLANNED USES (✓)
 WATER SUPPLY
 — Domestic — Public
 Irrigation — Industrial
 MONITORING —
 TEST WELL —
 CATHODIC PROTECTION —
 HEAT EXCHANGE —
 DIRECT PUSH —
 INJECTION —
 VAPOR EXTRACTION —
 SPARGING —
 REMEDIATION —
 OTHER (SPECIFY) —

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER — (FL) BELOW SURFACE
 DEPTH OF STATIC WATER LEVEL **66.2** (FL) & DATE MEASURED **3/14/2014**
 ESTIMATED YIELD **1100** (GPM) & TEST TYPE **Constant Rate**
 TEST LENGTH **12** (Hrs.) TOTAL DRAWDOWN **147.8** (FL.)
May not be representative of a well's long-term yield.

TOTAL DEPTH OF BORING **600** (Feet)
 TOTAL DEPTH OF COMPLETED WELL **580** (Feet)

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING (S)					ANNULAR MATERIAL TYPE
		TYPE (✓)	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	
0 to 270	28	BLANK	Access TB	2	SCH 40		
0 to 270	28	✓	ASTM-135	16	.250	Sand Slurry	
270 to 310	28	✓	DBL Millslot	16	.250	Gravel Fill	
310 to 330	28	✓	ASTM-135	16	.250	SRI#8 Sand	
330 to 380	28	✓	DBL Millslot	16	.250		
380 to 410	28	✓	ASTM-135	16	.250		

ATTACHMENTS (✓)
 — Geologic Log
 — Well Construction Diagram
 — Geophysical Log(s)
 — Soil/Water Chemical Analysis
 — Other
 ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
 I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
 NAME **EATON DRILLING CO.**
 (PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
 ADDRESS **20 W. Kentucky Ave** **Woodland** CA **95695**
 CITY STATE ZIP
 Signed *[Signature]* **04/10/14** **C57 A 133783**
 WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER

CAIOW PUMPS

SALES & SERVICE

Static Water Level: 66.2 Feet		Step Test Results		Step Test Results		Notes				
GPM	PWL	Yield	24 Hr Projected Yield	PWL	Yield	\$/WH	HP/Motor	\$/Acre Ft	Sand	
1100	214.08	7.4	214.08	7.4	75	\$ 41.43				

Job Name: Payne Farms
Job Number: 14156
Date Testing Began: March 14, 2014
Date Testing Ended: March 14, 2014

Projected 24 Hour Specific Capacity	
1100 Constant Rate	7.4 gpm/ft dd
Step	gpm/ft dd
Step	gpm/ft dd
Step	gpm/ft dd

Constant Rate	
SWL: 66.2	
1100	GPM
1	212.5
2	212.67
3	213.08
4	213.67
5	214.25
6	214.17
7	214.08
8	214.08
9	214.08
10	214.08
11	214.08
12	214.08
14	214.08
16	214.08
18	214.08
20	214.08
25	214.08
30	214.08
35	214.08
40	214.08
45	214.08
50	214.08
60	214.08
70	214.08
80	214.08
90	214.08
100	214.08
120	214.08
150	214.08
180	214.08
240	214.08
300	214.08
360	214.08
420	214.08
480	214.08
540	214.08
600	214.08
660	214.08
720	214.08

Recovery Results	
Step	Constant Rate
RWL:	RWL:
1	82.5
2	76.83
3	76.5
4	74.08
5	73.67
7	72.83
10	70.67
12	70
15	69.5
20	69.25
25	68.67
30	68.5
35	68.33
40	
50	
60	

Step Test Results	
Static Water Level : 66.2	
GPM	GPM
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
14	14
16	16
18	18
20	20
25	25
30	30
35	35
40	40
45	45
50	50
60	60
70	70
80	80
90	90
100	100
120	120

H O L L O W

220

CANAL

BM

197

HOLLOW

HUNGRY

Slough

Goodnow

HUNGRY

Well

8614 T

Well

Well

Well

H U N G R Y

H

CANAL

Well

182

H O L L O W

H

121

Declination

★

MN

MN 14.52° E

Copyright (C) 2009 MyTopo

Name: BIRD VALLEY
Date: 03/07/12
Scale: 1 inch = 2,000 ft.

Location: 038.7523200° N 122.0163400° W
Payne Farms - Job# 8614 T
APN: 054-210-060
T11N R1W s31