

STATE OF WYOMING

OFFICE OF THE STATE ENGINEER
HERSCHLER BUILDING
CHEYENNE, WYOMING 82002
(307) 777-5959

MICRO
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FILMED OCT 12 1993

STATEMENT OF COMPLETION AND DESCRIPTION OF WELL OR SPRING

NOTE: Do not fold this form. Use typewriter
or print neatly with black ink.

- PERMIT NO. U.W. 92755 NAME OF WELL (SPRING) Pilcher #1
1. NAME OF OWNER Betty J. Pilcher **SCANNED JUL 09 2013**
2. ADDRESS P. O. Box 1939, Casper, Wyoming 82602
Please check if address has changed from that shown on permit. ☐
City Casper State Wyoming Zip Code 82602 Phone No. 307-265-1324
3. USE OF WATER: Domestic ☒ Stock Watering ☐ Irrigation ☐ Municipal ☐ Industrial ☐ Miscellaneous ☐
Explain proposed use (Example: One single family dwelling) Single Family Dwelling
4. LOCATION OF WELL (SPRING): E¹/₂ 1/₄ SW 1/₄ of Section 15, T. 32 N., R. 81 W., of the 6th P.M. (or W.R.M.),
Subdivision Name Hollywood Gardens Lot 1 Block _____
If surveyed, bearing, distance and reference point: _____
5. TYPE OF CONSTRUCTION: Drilled ☒ _____ Dug ☐ Driven ☐ Other ☐
(Type of Rig)
Describe: Energy America, Inc. drilled with air
6. CONSTRUCTION: Total Depth of Well/Spring 503 ft. Depth to Static Water Level 86 ft. *at 10:00 AM 8-21-80*
a. Diameter of borehole (Bit size) 8 inches. (Below land surface)
b. Casing Schedule New ☒ Used ☐
5" diameter from 0 ft. to 596 ft. Material PVC Gage SCH 40
_____ diameter from _____ ft. to _____ ft. Material _____ Gage _____
c. Was casing cemented: Yes ☐ No ☒ Cemented Interval, From _____ feet to _____ feet.
d. Number of sacks of cement used _____ type of cement _____
e. Perforations: Type of perforator used ?
Size of perforations _____ inches by _____ inches.
Number of perforations and depths where perforated:
_____ perforations from 365 ft. to 485 feet.
_____ perforations from _____ ft. to _____ feet.
f. Was well screen installed? Yes ☐ No ☒
Diameter: _____ slot size: _____ set from _____ feet to _____ feet
Diameter: _____ slot size: _____ set from _____ feet to _____ feet
g. Was well gravel packed? Yes ☒ No ☐ Size of gravel pea
h. Was surface casing used: Yes ☒ No ☐ Was it cemented in place? Yes ☐ No ☒
7. NAME & ADDRESS OF DRILLING COMPANY Energy America, Inc. P.O. Box 4147, Casper, WY 82604
8. DATE OF COMPLETION OF WELL (including pump installation) OR SPRING (first used) 8-21-80
9. PUMP INFORMATION: Manufacturer GOULD Type Submersible
Source of power Electric HP 1 1/2 Horsepower 1 1/2 Depth of Pump Setting or intake 140'
Amount of Water Being Pumped 25 Gallons Per Minute. (For Springs or flowing wells, see item 10.)
Total Volumetric Gallons Used Per Calendar Year. 5,000 to 10,000
10. FLOWING WELL (Owner is responsible for control of flowing well).
If well yields artesian flow, yield is _____ gal./min. Surface pressure is _____ lb./sq. inch, or _____ feet of water.
The flow is controlled by: valve ☐ cap ☐ plug ☐
Does well leak around casing? Yes ☐ No ☐

Permit No. U.W. 92755

Book No. 708 Page No. 56

11. If spring, how was it constructed? (Some method of artificial diversion, i.e., spring box, cribbing, etc., is necessary to qualify for a water right.) no

12. PUMP TEST: Was a pump test made? Yes ☐ No ☒

If so, by whom _____ Address _____

Yield: _____ gal./min. with _____ foot drawdown after _____ hours.

Yield: gal./min, with foot drawdown after hours.

13. LOG OF WELL: Total depth drilled 503 feet.

Depth of completed well 496 feet. Diameter of well 8" inches.

Depth to first water bearing formation ? feet.

Depth to principal water bearing formation. Top ? feet to Bottom ? feet.

Ground Elevation, If known: ?

DRILL CUTTINGS DESCRIPTION:

[illegible]

14. QUALITY OF WATER INFORMATION:

Does a chemical and/or bacteriological water quality analysis accompany this form? Yes ☐ No ☐

It is recommended that chemical and bacteriologic water quality analyses be performed and that the report(s) be filed with the records of this well. (Contact Department of Agriculture, Analytical Lab Services, Laramie, 742-2984.)

If not, do you consider the water as: Good ☐ Acceptable ☒ Poor ☐ Unusable ☐

REMARKS: Hard water

Under penalties of perjury, I declare that I have examined this form and to the best of my knowledge and belief it is true, correct and complete.

Betty J. Silken
Signature of Owner or Authorized

Signature of Owner or Authorized Agent

August 17, 1993
Date

UW 92755

FOR STATE ENGINEER'S USE ONLY

UW 92133 August 24, 1993
~~AUG 19 1993~~
 Date of Receipt _____, 19____

Date of Approval 3/27/73 1873

Date of Priority: Feb. 24, 1993

Date of Approval Sept 7, 1993
Richard B. L. L. L.
 for State Engineer



P.O. BOX 667
CASPER, WY 82602
(307) 472-1270

Unit Number 019 Date: 8/8 20 17

Beginning Mileage 18671.5 Ending Mileage _____

Customer: Chris Pilder

Address: 12345 Goose Egg Phone: _____

City: Casper State: WY

DAILY TIME RECORD
AND UNIT REPORT

Page _____ of _____

Started: 400 A.M. Completed: 630 P.M.

Pump Work ☒ Air Lift _____

Down Hole Camera _____

CWP
Pump: 106500 412CL
Pump Serial # B1741409 Goulds
Motor Serial # L3016Y420132 Centri Pro
Pressure Tank
P+M \$917.92
Parts Total \$415.18
1 Man Labor
\$90/hr x 1hr \$90.00
2 Man Labor
\$120/hr x 2.5hr \$300.00
Total \$1723.10
Chlorinated well

Item	Pera.	Price	Item	Pera.	Price
1" SCH 80 Drop Pipe			1" Brass Union		
1 1/4" SCH 80 Drop Pipe			1 1/4" Brass Union		
1" SS Coupling			1" Brass Plug		
1 1/4" SS Coupling			1 1/4" Brass Plug <u>①</u>		<u>\$2.68</u>
1" 160# Poly			1" Brass Check Valve		
1 1/4" 180# Poly			1 1/4" Brass Check Valve <u>①</u>		<u>\$47.46</u>
Pump Wire <u>12-3 129</u>	<u>0.92</u>	<u>\$118.68</u>	Well Seal Size <u>5x1 1/4</u>		<u>\$31.82</u>
Direct Bury Wire _____			Well Cap		
U/F Wire _____			Control Box <u>1/1.5</u> HP		<u>\$89.05</u>
1" Brass Male Adapter			Pressure Switch _____		
1 1/4" Brass Male Adapter			Electrical Conduit Sch		
1" Brass Elbow			3/4" _____ Type _____ ft		
1 1/4" Brass Elbow			1" _____ Type _____ ft		
1" Brass STL			Pressure Gauge <u>Splice Kit</u>		<u>\$3.38</u>
1 1/4" Brass STL			Water Sample <u>#20SS Clamp</u> <u>①</u>		<u>\$7.32</u>
1 1/4" Brass Tee <u>x 1/2"</u>		<u>\$20.15</u>	Misc. <u>2-1/4" x 2" Br Npl</u>		<u>\$7.98</u>
1 1/4" Brass Tee <u>①</u>		<u>\$22.18</u>	Misc. <u>1/2" Boiler Drain</u>		<u>\$6.14</u>
Tank Tee			Misc. <u>1 1/4" x 4" Br Npl</u>		<u>\$10.67</u>
<u>1 1/4" MPT x Barb Br</u> <u>①</u>	<u>17.13</u>	<u>\$34.26</u>	<u>1 1/4" FPT x Barb Br</u>		<u>\$22.41</u>
			<u>Parts Total:</u>		<u>\$415.18</u>

Pump Setting 122' Well Depth 508

Static Level 89' Casing Size 5'

Customer Signature Christine Pilder

Total Time For Each Man Working This Day

Name Matt H Hours _____

Name Cody R Hours _____

CASH, CHECK OR CREDIT CARD: PAYMENT DUE UPON COMPLETION UNLESS PREVIOUS ARRANGEMENTS HAVE BEEN MADE.

LABOR 1-YEAR
PUMP & MOTOR 3 YRS

August 18, 1980
Mike Roberts
Energy America
307-265-1823

Total Depth: 503'

Water Sands: 476' thru 481'

Water Level: 60'-80'

Perforated: 380'

Casing: 490'

American Pipe: September 2, 1980

10EJ Gould: s/n 10EJ10412
\$558.00 less 20%= \$446.40

50#'s Pressure, 11gallons per minute minimum @ 160 '

Thursday, September 24, 2015

	Field1	Water Depth
1	7-12-04	84'6"
2	8-10-04	85'
3	9-12-04	85'9"
4	10-13-04	85'6"
5	11-18-04	85'8"
6	12-13-04	85'8"
7	1-15-05	85'6"
8	2-18-05	85'4"
9	3-23-05	85'6"
10	4-15-08	85'4"
11	5-10-05	85'3"
12	6-6-05	85'6"
13	7-12-05	84'0"
14	8-16-05	84'6"
15	9-10-05	85'0"
16	10-17-05	85'9"
17	11-20-05	85'8"
18	12-17-05	85'5"
19	1-15-06	85'9"
20	2-10-06	85'5"
21	3-24-06	85'3"
22	4-8-06	85'4"
23	5-16-06	83'9"
24	6-13-06	85'4"
25	7-7-06	84'2
26	8-16-06	84'6"
27	9-14-06	84'9"
28	10-13-06	85'0"
29	11-18-06	85'8"
30	12-12-06	85'6"
31	1-10-07	85'8"
32	2-14-07	85'6"
33	3-26-07	85'5"
34	4-20-07	
35	5-15-07	

	A	B
1	Date:	Static Water Depth:
2	7-12-04	84'6"
3	8-10-04	85'0"
4	9-12-04	85'9"
5	10-13-04	85'6"
6	11-18-04	85'8"
7	12-13-04	85'8"
8	1-15-05	85'6"
9	2-18-05	85'4"
10	3-23-05	85'6"
11	4-15-05	85'4"
12	5-10-05	85'3"
13	6-6-05	85'6"
14	7-12-05	84'0"
15	8-16-05	84'6"
16	9-10-05	85'0"
17	10-17-05	85'9"
18	11-20-05	85'8"
19	12-17-05	85'5"
20	1-15-06	85'9"
21	2-10-06	85'5"
22	3-24-06	85'3"
23	5-16-06	83'9"
24	3-26-07	85'5"

	A	B
1	Date:	Static Water Depth:
2	7-12-04	84'6"
3	8-10-04	85'0"
4	9-12-04	85'9"
5	10-13-04	85'6"
6	11-18-04	85'8"
7	12-13-04	85'8"
8	1-15-05	85'6"
9	2-18-05	85'4"
10	3-23-05	85'6"
11	4-15-05	85'4"
12	5-10-05	85'3"
13	6-6-05	85'6"
14	7-12-05	84'0"
15	8-16-05	84'6"
16	9-10-05	85'0"
17	10-17-05	85'9"
18	11-20-05	85'8"
19	12-17-05	85'5"
20	1-15-06	85'9"
21	2-10-06	85'5"
22	3-24-06	85'3"

**12345 GOOSE
ROAD**

**EGG WEST
WING**

**ADDITION:
Septic Permit
&**

**Approval
9-28-1990**

ORIGINAL

Percolation Test Information

ate: 9-28-90

Legal Discription: Hollywood Garden 1
Subdivision Block Lot#

12345 W. Gorse Egg Rd
Township Range Section
1/4 Section Address

Address

Hole#	Stabilized Rate (min/inch) Soil Type	Depth	Time Saturated
1	Red Sandy Silt Loam 9	4'	24 hrs
2	" " 7	4'	24 hrs
3	" " 6.5	4'	24 hrs
4			
5			
6			

Tested by:

Fung Hsien
Signature

Geologist
R.E., P.E. Geologist

Attach map or drawing of property and percolation site locations. Indicate compass North.

CITY OF CASPER-NATRONA COUNTY HEALTH DEPARTMENT
1200 EAST THIRD STREET, CASPER, WYOMING 82601 (307) 235-9340
APPLICATION TO CONSTRUCT, INSTALL OR MODIFY
SMALL WASTEWATER FACILITIES

A. General Information

1. Owners Name: Pilcher Phone No.: 265-3506
2. Site Address: 12345 W. Goose Egg Road
3. Legal Address: _____
(Subdivision and Tract)
T 32 N, R 81 W, Sec. 15, 1/4 sec. 210
4. Mailing Address: P.O. Box 385, CASPER, WY 82602
5. Residential: Dwelling No. of Bedrooms: 3
6. Type of Commerical Facility: NA
7. Natrona County Zoning Certificate Enclosed? No (Contracted Co. Planning)
was informed that N.C.
Certificate required

B. Site Information

1. Lot size: 11.77 acres ft. by _____ ft., area: _____ sq. ft. or _____ acres
2. Water supply: well community _____ private
3. Attach percolation data: _____

C. Proposed Site Plan

Attached

This system will be constructed in accordance with the permit specifications and regulations governing sewage systems within Natrona County. Twenty four (24) hour notice will be given prior to backfilling. Any permit issued within the 208 or 201 planning will be considered temporary. Hook-ups will be required when public sewerage is within 300 feet.

Betty J. Pilcher

Signature of owner verifying
that the above general information
is true and correct.

8-30-90

Date

CITY OF CASPER-NATRONA COUNTY HEALTH DEPARTMENT
1200 EAST THIRD STREET, CASPER, WYOMING 82601 (307) 235-9340
APPLICATION TO CONSTRUCT, INSTALL OR MODIFY
SMALL WASTEWATER FACILITIES

A. General Information

1. Owners Name: Pilcher Phone No.: 265-3506
2. Site Address: 12345 W. Goose Egg Road
3. Legal Address: _____
(Subdivision and Tract)
T 30 N, R 81 W, Sec. 15, 1/4 sec. 210
4. Mailing Address: P.O. Box 385, CASPER, WY 82602
5. Residential: Dwelling No. of Bedrooms: 3
6. Type of Commerical Facility: NA
7. Natrona County Zoning Certificate Enclosed? NA (Contacted Co. Planning, who informed that no certificate required)

B. Site Information

1. Lot size: 11.77 acres ft. by _____ ft., area: _____ sq. ft. or _____ acres
2. Water supply: well community _____ private
3. Attach percolation data: _____

C. Proposed Site Plan Attached

This system will be constructed in accordance with the permit specifications and regulations governing sewage systems within Natrona County. Twenty four (24) hour notice will be given prior to backfilling. Any permit issued within the 208 or 201 planning will be considered temporary. Hook-ups will be required when public sewerage is within 300 feet.

Betty J. Pilcher
Signature of owner verifying
that the above general information
is true and correct.

8-30-90
Date

CITY OF CASPER-NATRONA COUNTY HEALTH DEPARTMENT
1200 EAST THIRD STREET, CASPER, WYOMING 82601 (307) 235-9340
APPLICATION TO CONSTRUCT, INSTALL OR MODIFY
SMALL WASTEWATER FACILITIES

A. General Information

1. Owners Name: Pitcher Phone No.: 265 3516
2. Site Address: 12345 W. Goose Egg Road
3. Legal Address: _____
(Subdivision and Tract):
T 32 N, R 81 W, Sec. 15, 1/4 sec. 36
4. Mailing Address: P.O. Box 385 CASPER WY 82602
5. Residential: 2 No. of Bedrooms: 3
6. Type of Commerical Facility: NA
7. Natrona County Zoning Certificate Enclosed? yes

B. Site Information

1. Lot size: 11.77 ACRES ft. by _____ ft., area: _____ sq. ft. or _____ acres
2. Water supply: well community _____ private
3. Attach percolation data: _____

C. Proposed Site Plan

This system will be constructed in accordance with the permit specifications and regulations governing sewage systems within Natrona County. Twenty four (24) hour notice will be given prior to backfilling. Any permit issued within the 208 or 201 planning will be considered temporary. Hook-ups will be required when public sewerage is within 300 feet.

Betty Pitcher
Signature of owner verifying
that the above general information
is true and correct.

8-30-90
Date

PERMIT TO CONSTRUCT, INSTALL OR MODIFY
SMALL WASTEWATER FACILITIES

PERMIT NO.: _____

D. Site Information

1. Ground Slope: _____ ft.,/ft. or % 4-5%
2. Soil Type: Red Sandy-Silt Loam
3. Percolation test data attached? Y 9 min pr " N _____
Min/inch _____
4. Depth to restrictive layer/groundwater Greater than 10' feet.
How was this determined? Backhoe excavation Date: 9-4-90

E. Septic Tank Information

1. Size of Tank: 1000 gal (2-500 gal each) gallons (1000 minimum)
2. Material: Pre-cast concrete
(Pre-cast concrete, fiberglass, etc.)

F. Secondary Treatment System: Original Primary Repair Area _____

1. Type of System Gravity fed (Subterranean) trench system
Original _____ Repair _____
* Modified, See Plan Sheet
2. Trenches (No., L, W) 40' trenches (3) - 3' wide & 3.5' deep
3. Seepage Bed (L/W) N/A
4. Depth of gravel/tons: _____
5. Distribution: Distribution box configuration

G. Installer

Agent or Contractor: ISCO (Dan Spurgin)

License No.: _____ Phone No.: 473-9000

Business Address: P.O. Box 2938, Mills, WY 82644 Natrona
(Street or P.O. Box, City, County & State)

H. Remarks: (To include description of unusual site conditions or limitations, reasons for varying from the standard regulations, special requests, etc.)

Suitable soil with good perc rates. The primary bed
is located south of the trenches approx (2) ft. TO The
North, is the property line. Due to compaction, it is
highly advisable to avoid or limit traffic on the drainfield

CITY OF CASPER-NATRONA COUNTY HEALTH DEPARTMENT
1200 EAST THIRD STREET, CASPER, WYOMING 82601 (307) 235-9340
APPLICATION TO CONSTRUCT, INSTALL OR MODIFY
SMALL WASTEWATER FACILITIES

A. General Information

1. Owners Name: Pilcher Phone No.: 265-3506
2. Site Address: 12345 W. Goose Egg Road
3. Legal Address: _____
(Subdivision and Tract)
T 32 N, R 81 W, Sec. 615, 1/4 sec. 910
4. Mailing Address: P.O. Box 985, CASPER, WY 82602
5. Residential: Dwelling No. of Bedrooms: 3
6. Type of Commerical Facility: NA
7. Natrona County Zoning Certificate Enclosed? No (Contacted Co. 11/1/78)
Info. to permit. Permit not
considered required

B. Site Information

1. Lot size: 11.77 ACRES ft. by _____ ft., area: _____ sq. ft. or _____ acres
2. Water supply: well community _____ private
3. Attach percolation data: _____

C. Proposed Site Plan

Attached

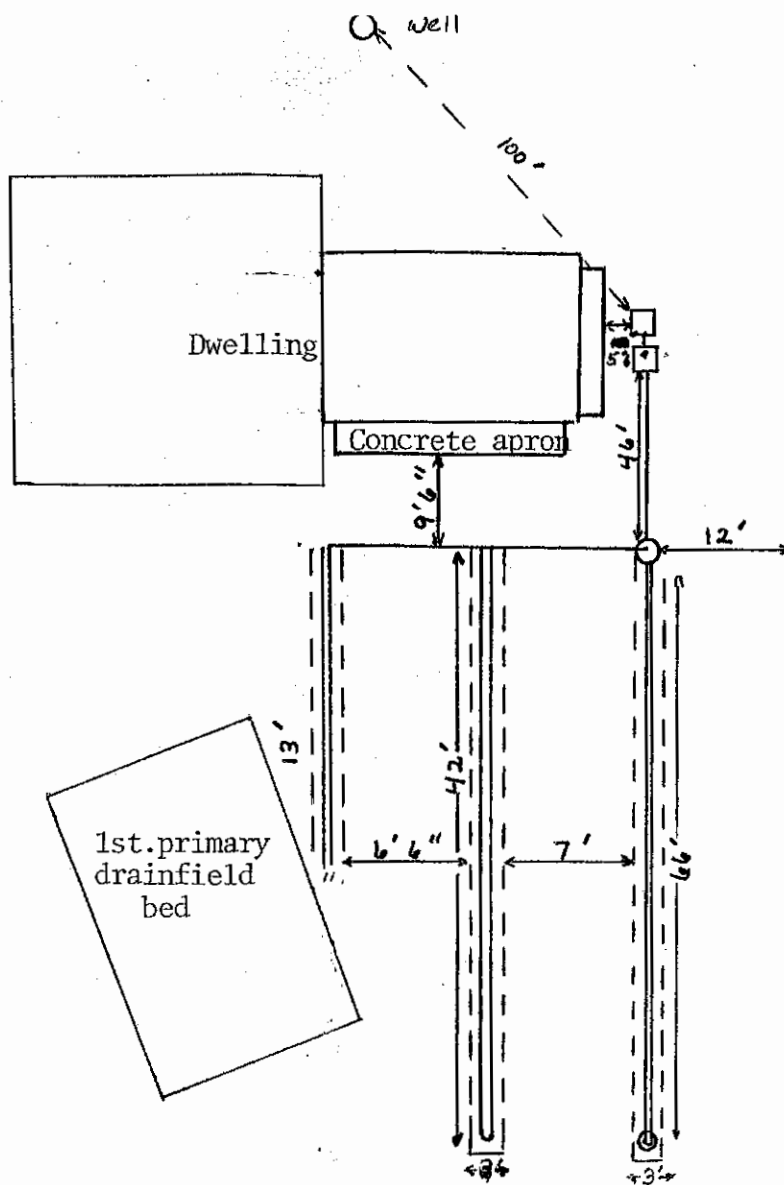
This system will be constructed in accordance with the permit specifications and regulations governing sewage systems within Natrona County. Twenty four (24) hour notice will be given prior to backfilling. Any permit issued within the 208 or 201 planning will be considered temporary. Hook-ups will be required when public sewerage is within 300 feet.

Betty J. Pilcher

Signature of owner verifying
that the above general information
is true and correct.

8-30-78
Date

I. Site Plan Sheet



The above does not constitute a design but conforms to the minimum standards of D.E.Q. and the Natrona County Individual Sewage Disposal System Code.

Sanitarian: _____ Date: _____
Signature

The above system was inspected and found to comply with the plans and specifications, but this permit in no way guarantees the continued performance of the system.

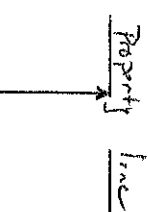
Installer: Dan Spurr Date: 10-23-90
Signature

Sanitarian: John Danner Date: 10-23-90
Signature

John
Drennon

235-9340

—

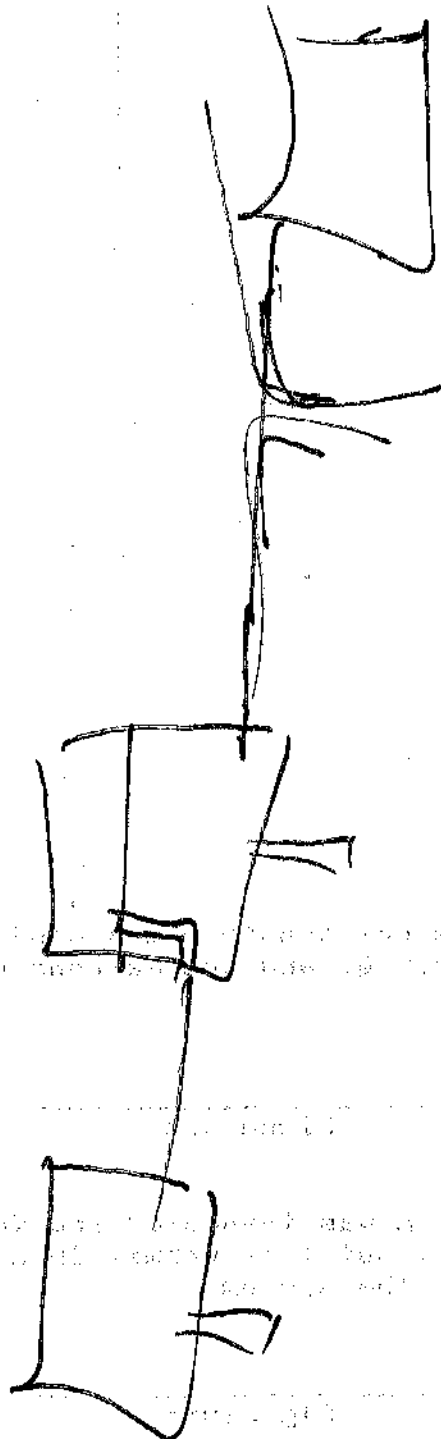


Sanitarian: _____ Date: _____
Signature

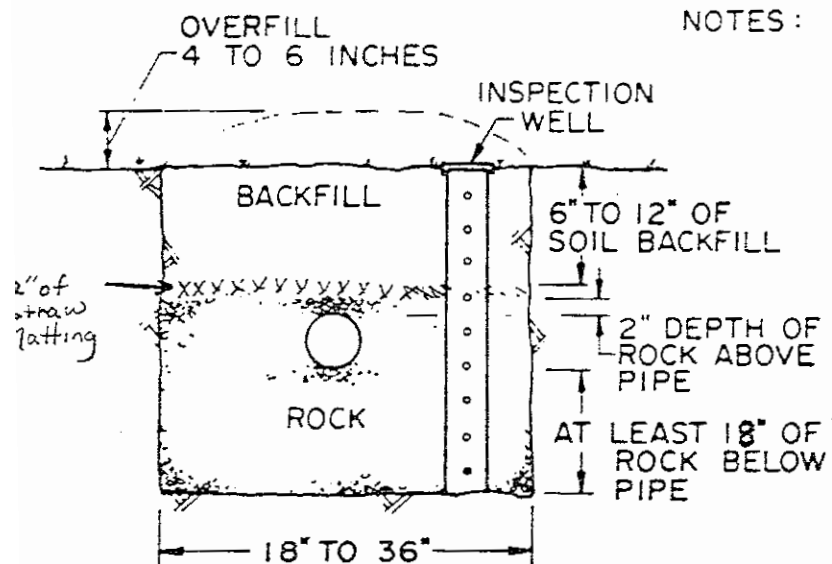
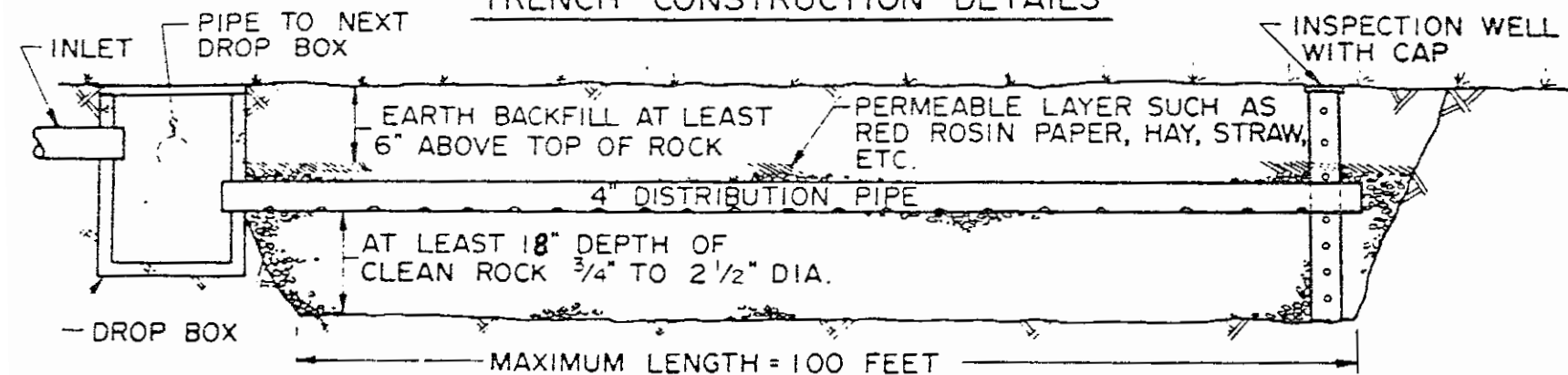
Installer: _____ Date: _____
Signature

Sanitarian: _____ Date: _____
Signature

76P 5 of track



TRENCH CONSTRUCTION DETAILS



- NOTES:
1. BOTTOM OF TRENCH MUST BE FLAT ALONG LENGTH or $\frac{1}{8}$ " per ft
 2. DISTRIBUTION PIPE RECOMMENDED GRADE IS 1 TO 2 INCHES PER 100 FEET
 3. DISTRIBUTION PIPE CAN BE RIGID PERFORATED PLASTIC WITH ONE ROW OF $\frac{1}{2}$ " OR LARGER DIAMETER HOLES ON BOTTOM (6 O'CLOCK) OR ONE-FOOT LENGTHS OF AGRICULTURAL DRAIN TILE SPACED $\frac{1}{4}$ INCH APART
 4. "SCARIFY" TRENCH BOTTOM AND SIDEWALLS UP TO TOP OF ROCK LAYER. REMOVE LOOSE SOIL.

