

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 513219

A 48849

DISTRICT _____

DATE 11/02/00

DATE SYSTEM APPROVED 5/2/00

INSPECTOR S.R.K.

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 410-313-2640

INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER _____

ADDRESS 580 Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5670

SUBDIVISION Quarterfield LOT 33 ROAD 11612 Whitetail Lane

PROPERTY OWNER Dale Thompson

BUILDING PERMIT SIGNED

ADDRESS _____

AND RETURNED

SEPTIC TANK CAPACITY 1250 GALLONS 4-15-04-800147484-DECK

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 2½ feet below original grade. Bottom maximum depth 6½ feet below original grade. Effective area begins at 2½ feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Start trenches 195 feet up the left (247.60') lot line and 40 feet off that same lot line as seen when facing the lot from Whitetail Lane. Run trenches on contour to rear of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 8/18/99 OK AU

PLANS APPROVED BY Mark Rifkin/Amy McMillen DATE 8/04/1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

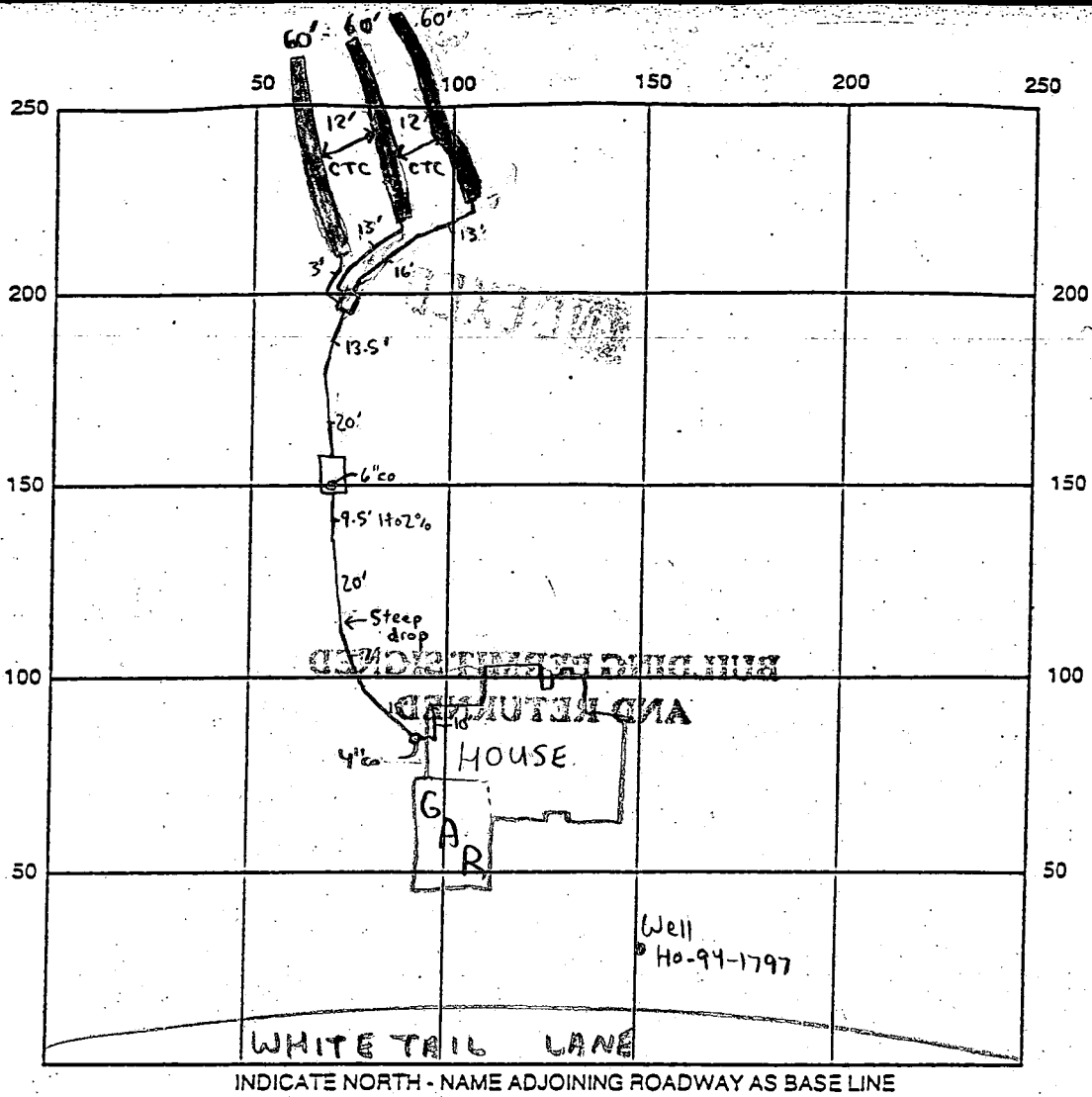
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

48849

5/1/00
9:00-3:00
5/2/00 AM
WPT 6/1/00 AM



SEPTIC TANK LEVEL 1250 gallon midseam CLEANOUTS 4" at house, 6" at Tank

DISTRIBUTION BOX LEVEL Baffle is in

DRAIN FIELD ^{TILE} DEPTH 6 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWELL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 5/1/00-OK TO CONTINUE WORK (SRK) 5/2/00-OK TO COVER ALL WORK (SRK)

DATE SYSTEM APPROVED 5/2/00 INSPECTOR Steven R. Kueg

Approved Septic System Plan
Howard County Health Department

6/14/99
Date

John McMill
Signature

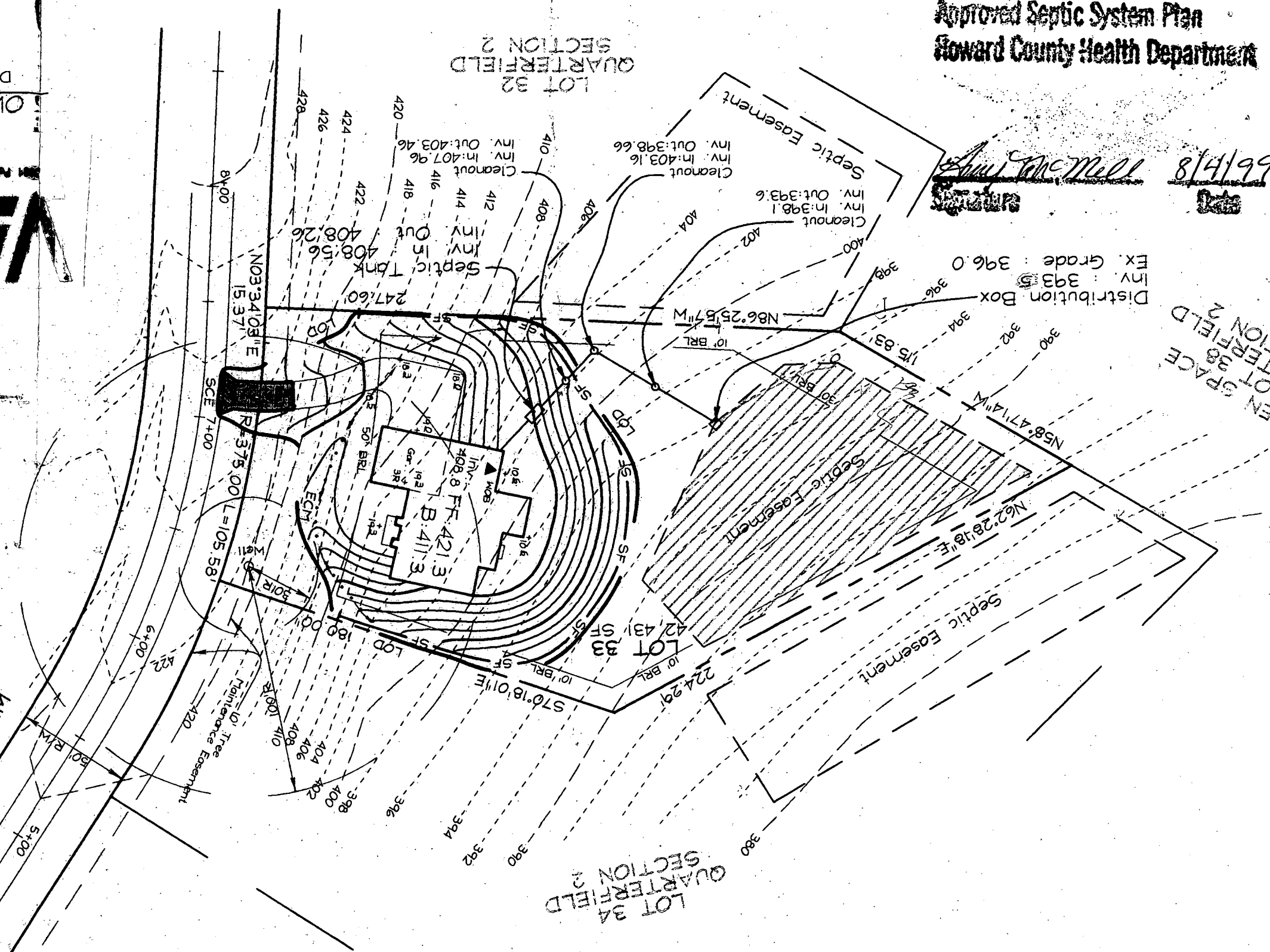
PEN SPACE
LOT 38
QUARTERFIELD
SECTION 2

VOGEL & ASSOCIATES
ENGINEERS/SURVEYORS/PLANNERS
281 Park Avenue, Suite 101 • Brook Oakleyland 21043
Tel 410.461.8828 Fax 410.465.3805

OWNER/DEVELOPER
DALE THOMPSON BUILDERS
10005 Old Columbia Road
Columbia, Maryland 21046
410-995-6736

Special linear foot of trench required 180 feet (Public Road)
Width of trench(es) 20 feet
Depth of trench(es) 65 feet
Depth of stone required below distribution pipe 40 feet

NORTH 1"=50'



LOT 32
QUARTERFIELD
SECTION 2

LOT 34
QUARTERFIELD
SECTION 2

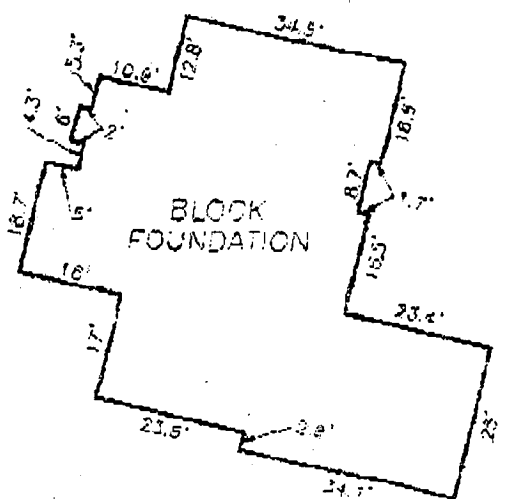
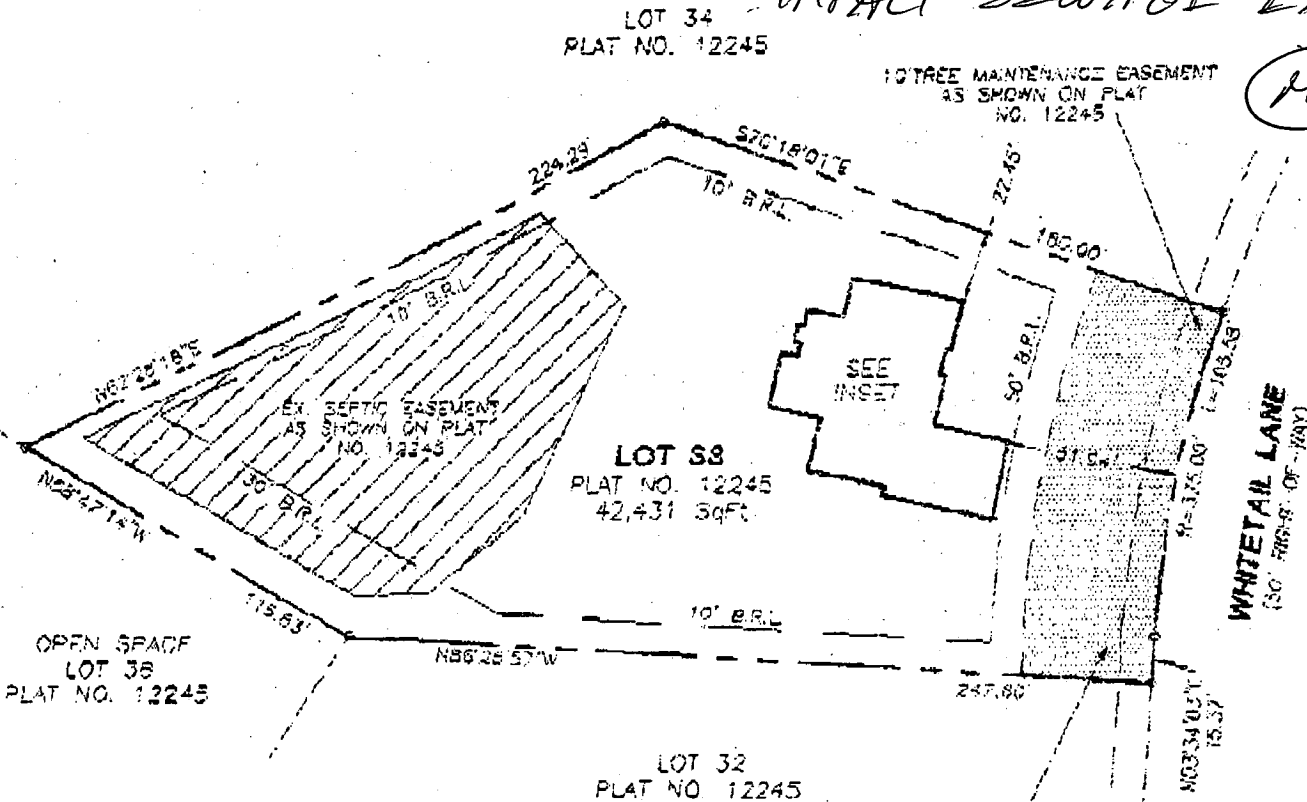
WHITTAIL LANE
PUBLIC ROAD

WALL CHECK

OK - GARAGE LONGER (3-CAR)
 GRADING NOT BELIEVED TO
 IMPACT SEWAGE EASEMENT

MD STATE GRID MERIDIAN

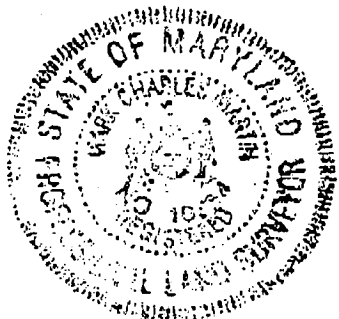
MR



INSET
 SCALE: 1"=30'

BY VOGEL + ASSOC

1"=60'



TOP OF WALL: 420.92'

APPLICATION

PERCOLATION TESTING

A 48849

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Joseph M. Zoller, III DALE THOMPSON
11696 Carroll Mill Road
ADDRESS Ellicott City, Maryland 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.
ADDRESS P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Zoller Property LOT NO. 24 33

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road
intersection. (11612 Whitetail Lane)

TAX MAP 23 PARCEL # 8,82 & 101

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family - 4 Brm
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

BY: SDC Group Inc
Dale Thompson VR
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

029R 299 300

red
tan sa
cl lm
10% frags

4 1/2
6
15-20%
hard frags
soft tan
gray whi
decomposed
sandstone
10%
frags

432

br sa
cl lm

3

tan
sa lm

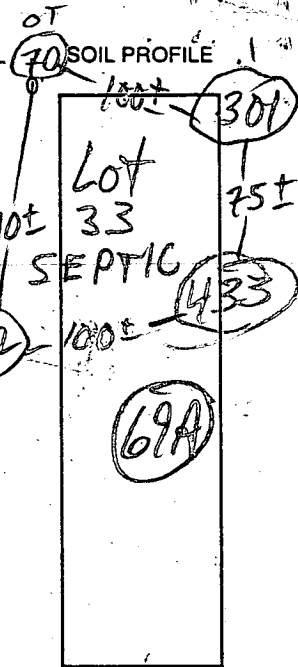
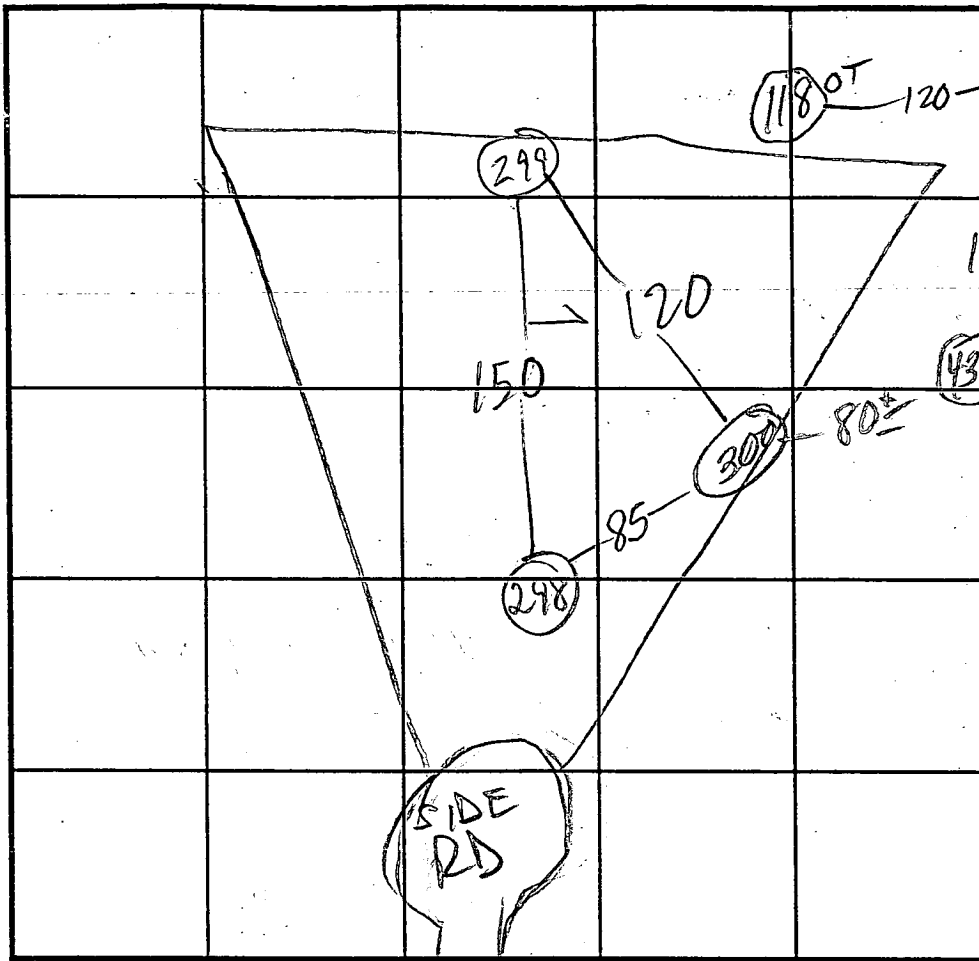
6

coarse
gray
tan
sand

13

13 3/4"

WATER



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/27/94	299	3' 9"	11:08:25	11:18	A LITTLE	SLOW 3/4"	
		4 1/2	11:24	11:34	SLOW	1/2"	
	299	5	11:44	12:04	SLOW		
	299	7	12:29:30	12:31:00	12:31:00	12:35:00	4
	299	12					
	298	4	12:15	12:23	12:23	12:50	17
	298	11' 9"	15-20% frags		5'-7'	clay 4 to 3'	
	300	16"	12:37	12:41	12:41	12:49	8
	300	11' 9"					
7/26/94	432	13' 3/4"	3:12	3:13	3:13	3:16	3
7/27/94	433	13'	10:33:45	10:34:05	10:34:05	10:34:40	35 sec
			10:35:05	10:35:40	10:35:40	10:36:40	1
	433	12					

REMARKS 301 5 1/2 → 9:54 9:55 9:55 9:57 2

TYPE OF SOIL

TESTED BY M. Ripkin ALSO PRESENT Hatfield crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

APPLICATION

PERCOLATION TESTING

49
A 4/8/93
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____
DATE 4/7/93

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Joseph M. Zoller, III
11696 Carroll Mill Road
ADDRESS Ellicott City, Maryland 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.
ADDRESS P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:
SUBDIVISION Zoller Property LOT NO. 33 ~~34 & 35~~

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road
intersection.

TAX MAP 23 PARCEL # 8,82 & 101
SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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SDC Group Inc.
PA: [Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING PERC OK - HOLD FOR PLAT MR 7/26/93

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A48833

COUNTY #

SOIL PROFILE

0'
dk. brn
sil si
cl lm

4
tan gray
org mica
quartz
sa lm
5-15% frags

1 1/2

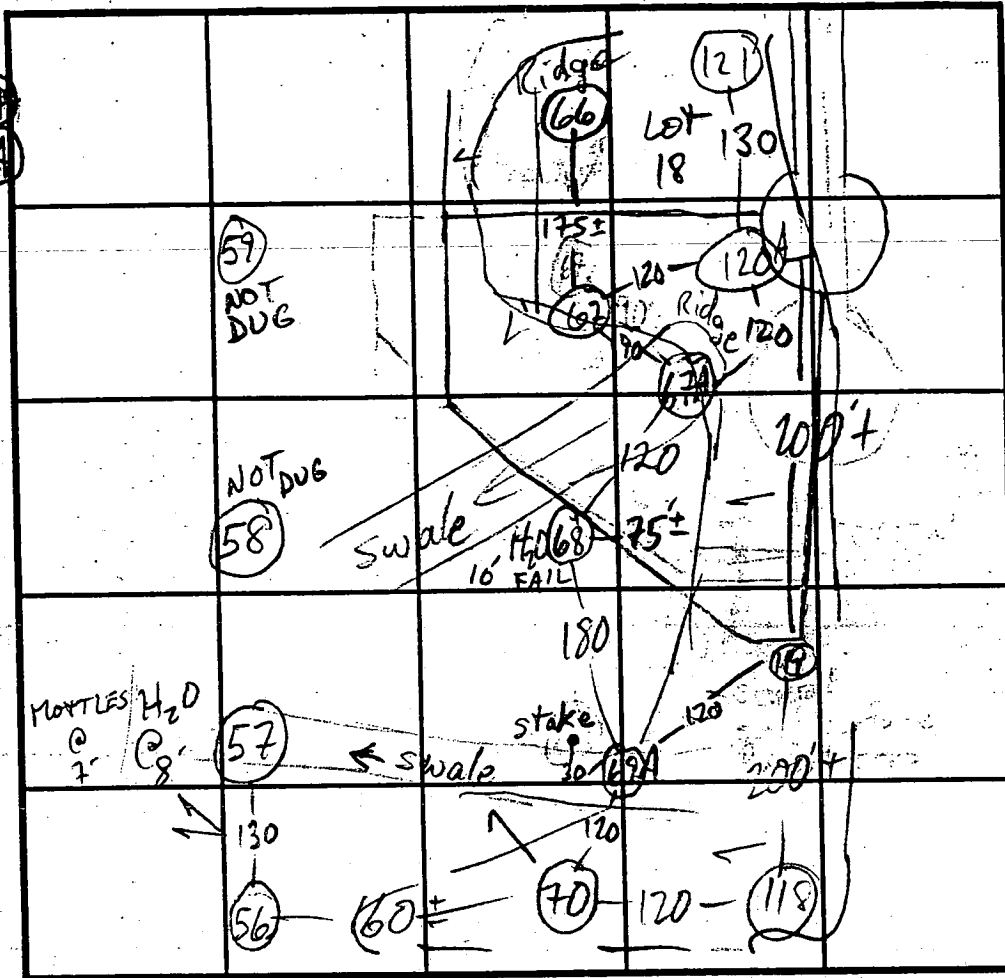
5 1/2
org brn
sil clay
10% frags

7
org sil
brn lm
cave in frags
15% frags
org dull
brn cl
WATER

8 1/2
org brn
cl lm
20% quartz
frags

5-6

gray
org mottled
sil lm
20% quartz
frags
WATER



SOIL PRO.

0' 67
brn org
sa cl lm
40% hard
sandstone
frags
3 1/2
tan brn
gray sa
lm
30% hard
sandstone
frags
8
same as 58
soft
sandstone
frags
13

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/5/93	57 V	8 1/2	WATER	@ 8' 3"	MOTTLES @ 7'		
	56 S	5	10:15:00	10:18:45	10:18:45	10:22:30	3 min 45 sec
	56 M	8	10:16:30	10:18:30	10:18:30	10:19:00	30 sec
	56 V	11 1/2	10:20:00	10:22:00	10:22:00	10:23:30	1 1/2 min
	70 S	5 1/2	10:30:20	10:30:50	10:30:50	10:32:00	1 min 10 sec
	70 M	9	10:31:15	10:32:30	10:32:30	10:35:00	2 1/2 min
	70 V	13	OK 15-20% quartz				
	69A S	5	10:48:45	10:50:30		10:49:30	45 sec
	69A M	8	10:50:30	10:51:45	10:51:45	10:52	1 1/2 min
	69A V	11 1/2	10:54:30	10:55:15	10:55:15	10:57:30	2 min
	68 V	10 1/2	see profile				
	68 V	10 1/2	WATER	@ 10' - FAIL	MOTTLES @ 5-6'		
	68A V	12 1/2	OK	see profile			
	67A S	5	11:24:15	11:27:15	11:27:15	11:30:15	3 min
	67A M	8 1/2	11:25:00	11:28:00	11:28:00	11:29	1 min
	67A S	4 1/2	11:55:45	11:56:15	11:56:15	11:58	1/4 min
	67A M	9	11:57:30	11:58:30	11:58:30	12:00	1/4 min

REMARKS

TYPE OF SOIL

TESTED BY

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

INLET DEPTH

67 V 13 see profile

M. Riskin

2

3 1/2

MAXIMUM BOTTOM DEPTH

7 1/2

ALSO PRESENT C. Sperry Hatfield Green

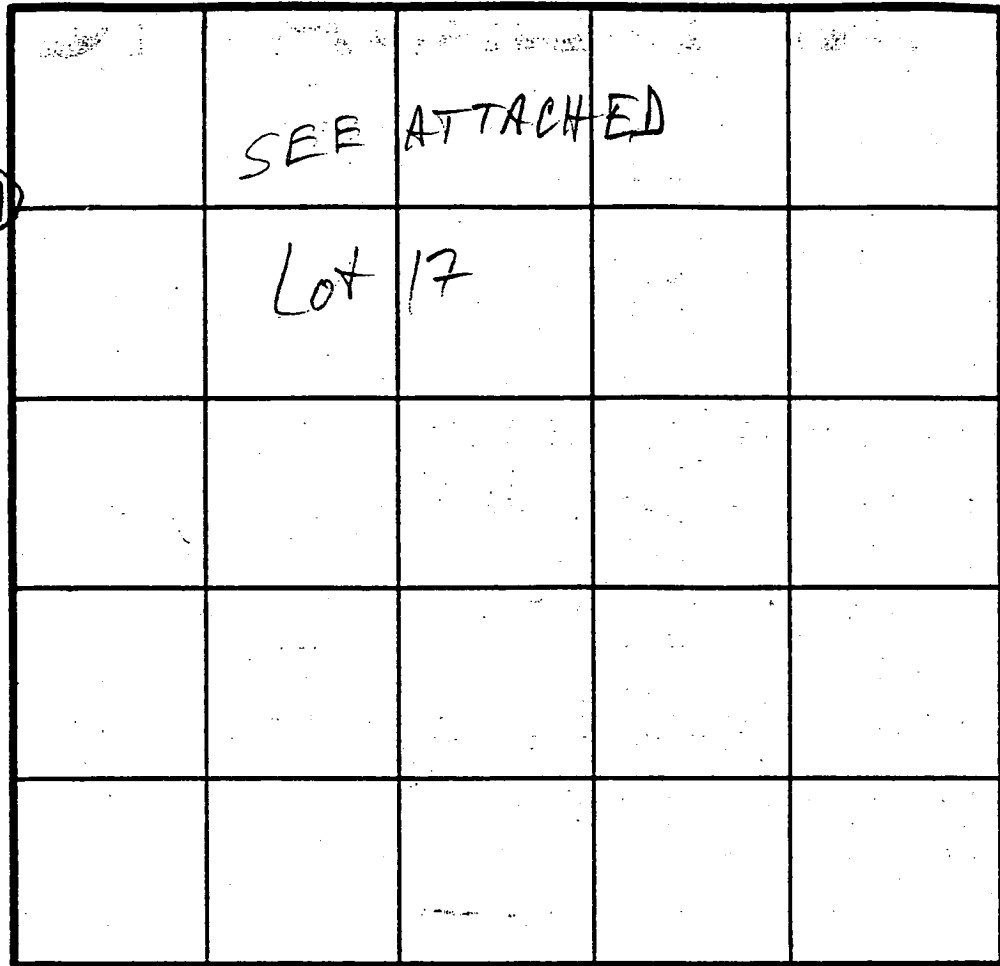
TRENCH WIDTH

2

SQ. FT./BEDROOM

180

A48849



(118) (119)
SOIL PROFILE
(120A)

brn
sa cl
lm
4
tan gray
beige
sa
lm
10%
frags
1 1/2

(66)

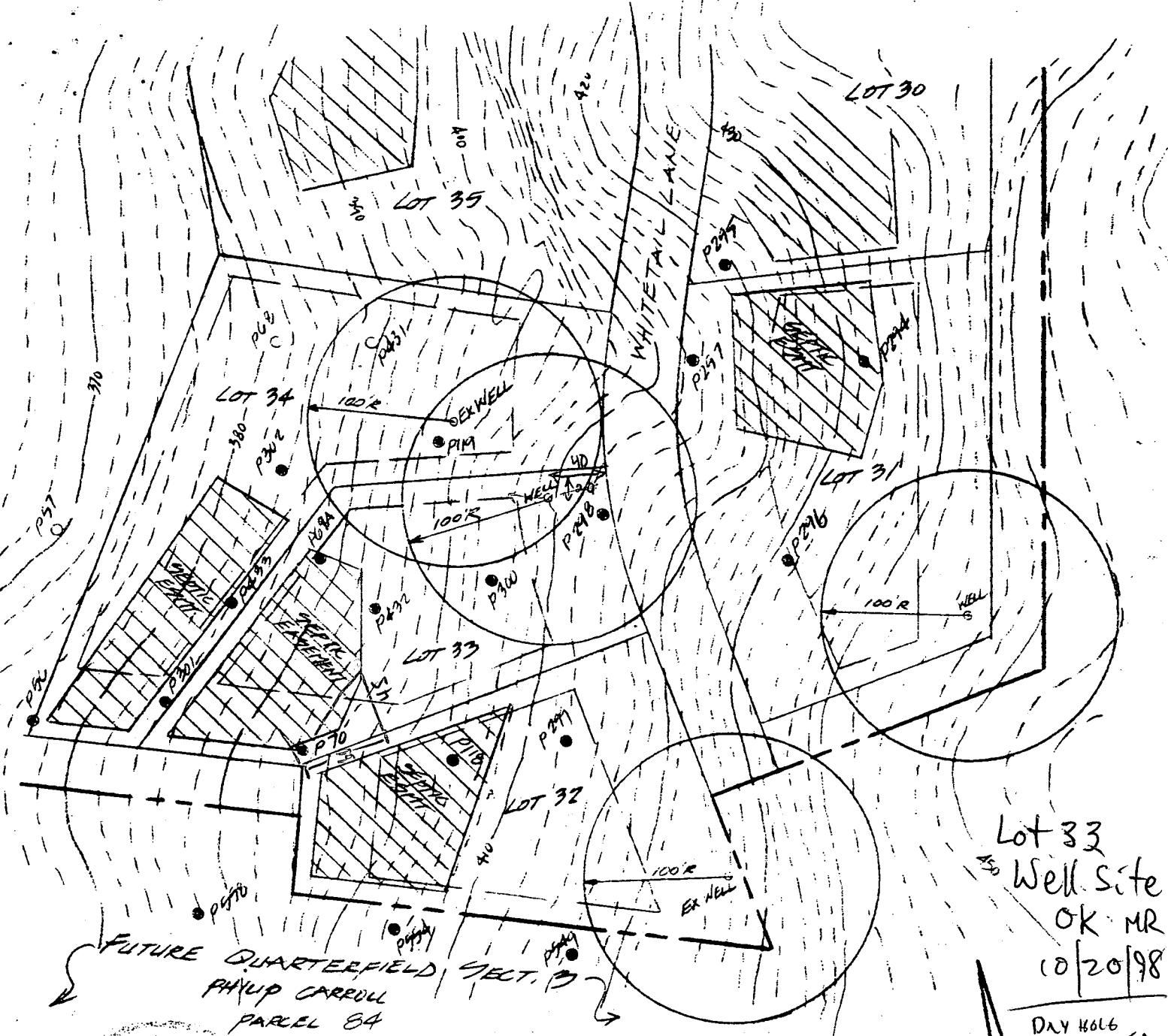
brn org
sa cl lm
15% frags
3 1/2
org gray
tan sa
lm
10%
saprolite
frags
3

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2/10/93	119 S	5	2:54:15	2:57:00	2:57:00	3:00:30	3+ min	
	119 M	9	2:55:00	2:56:00	2:56:00	2:58:30	2+ min	
	119 V	12 1/2	see profile					
	118 S	5 1/2	3:04:30	3:10:30	3:10:30	3:18	8 min	
	118 M	8 1/2	3:13:00	3:13:30	3:13:30	3:14:15	45 sec	
	118 V	8 1/2 12 1/2	3:14:45	3:16:00	3:16:00	3:18	2	
2/11/93	120A S	5	2:37:30	2:40:45	2:40:45	2:43:45	3 min	
	120A M	8 1/2	2:38:00	2:39:45	2:39:45	2:42:45	3 min	
	120A V	12 1/2	sim to (119) 15% frags					
2/5/93	66 S	5	2:55:45	2:57:00	2:57:00	2:59:30	2 1/2 min	
	66 M	9	2:56:30	2:57:00	2:57:00	2:57:50	50 sec	
	66 V	13	2:58:15	2:59:15	2:59:15	3:00:30	1 min 15 sec	
			see profile					
							2	
							2	

REMARKS USE (66) (67) (67A) (69A) (70) (118) (119) (120A) (121)

TYPE OF SOIL _____
TESTED BY _____ ALSO PRESENT _____



Lot 33
Well site
OK MR
10/20/98

DAY HOLE
REGULATED,
OK TO MOVE
35' IN
ANY DIRECTION
ON TO FRONT-
LEFT LOT CORNER
7/9/99 (CW)

APPROVED FOR PRIVATE WATER AND SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 4/10/96 1"=100'
HOWARD COUNTY HEALTH OFFICER (CW)

[Signature]

TEGA GROUP INC.
8480 BALT. NATL. PARK, STE 418
ELKTON CITY, MD 21043

THIS AREA INDICATES APPROVED PERC AREAS AND DESIGNATES A PRIVATE SEWERAGE BASEMENT OF 10,000 S.F. AS REQUIRED BY THE MD DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE CASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE BASEMENT. RECORDATION OF A MODIFIED SEWERAGE BASEMENT PLAN SHALL NOT BE NECESSARY.

QUARTERFIELD SECT. 2 PERC CERTIFICATION PLAN
PERC CERTIFICATION PLAN FOR SUBDIVISION APPROVED 2/3/95. REVISION DUE TO LOT RECONFIGURATION AND PROVISION OF ACCESS TO ADJACENT PARCEL 84.
SEPTIC AREAS SHOWN ARE A MINIMUM 10,000 SF.
DEVELOPER: SDC GROUP, INC
MARCH 1996

B 7 8002 SEQUENCE NO. (MDE USE ONLY) (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

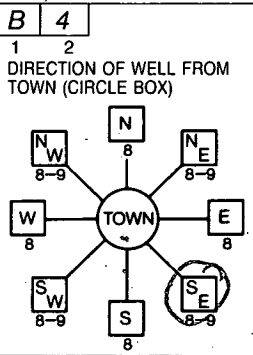
STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER HO-94-1797 fill in this form completely

Date Received (APA) 11/18/97 OWNER INFORMATION Thompson Dale 10005 Old Columbia Rd. Columbia Md. 21046

LOCATION OF WELL Howard County Quarterfield West Friendship NEAREST TOWN MILES FROM TOWN 4

DRILLER INFORMATION Joseph L. Mayne MSD 024 Joseph L. Mayne Well Drilling 5512 Redge Rd. Mt. Airy 21771



Whitetail Lane NEAR WHAT ROAD ON WHICH SIDE OF ROAD 500 DISTANCE FROM ROAD ENTER FT OR MI TAX MAP: 23 BLK: 15 PARCEL 101

WELL INFORMATION APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A48849 COUNTY NAME STATE SIGNATURE DATE ISSUED 10/23/98 Mark E. Poffin 10/23/99

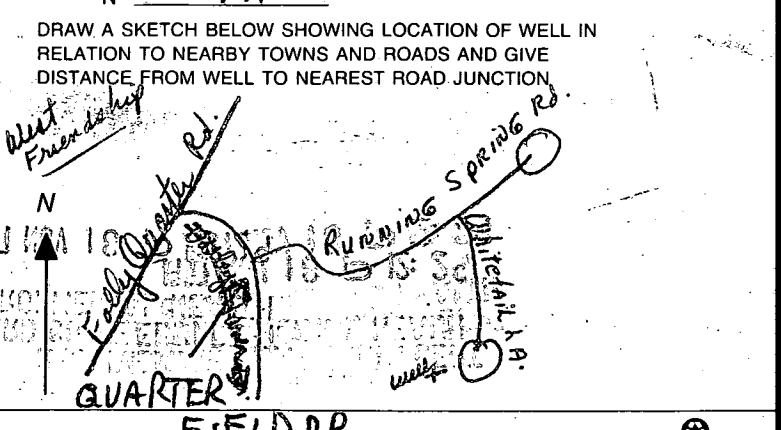
- USE FOR WATER (CIRCLE APPROPRIATE BOX) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL) TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 240 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

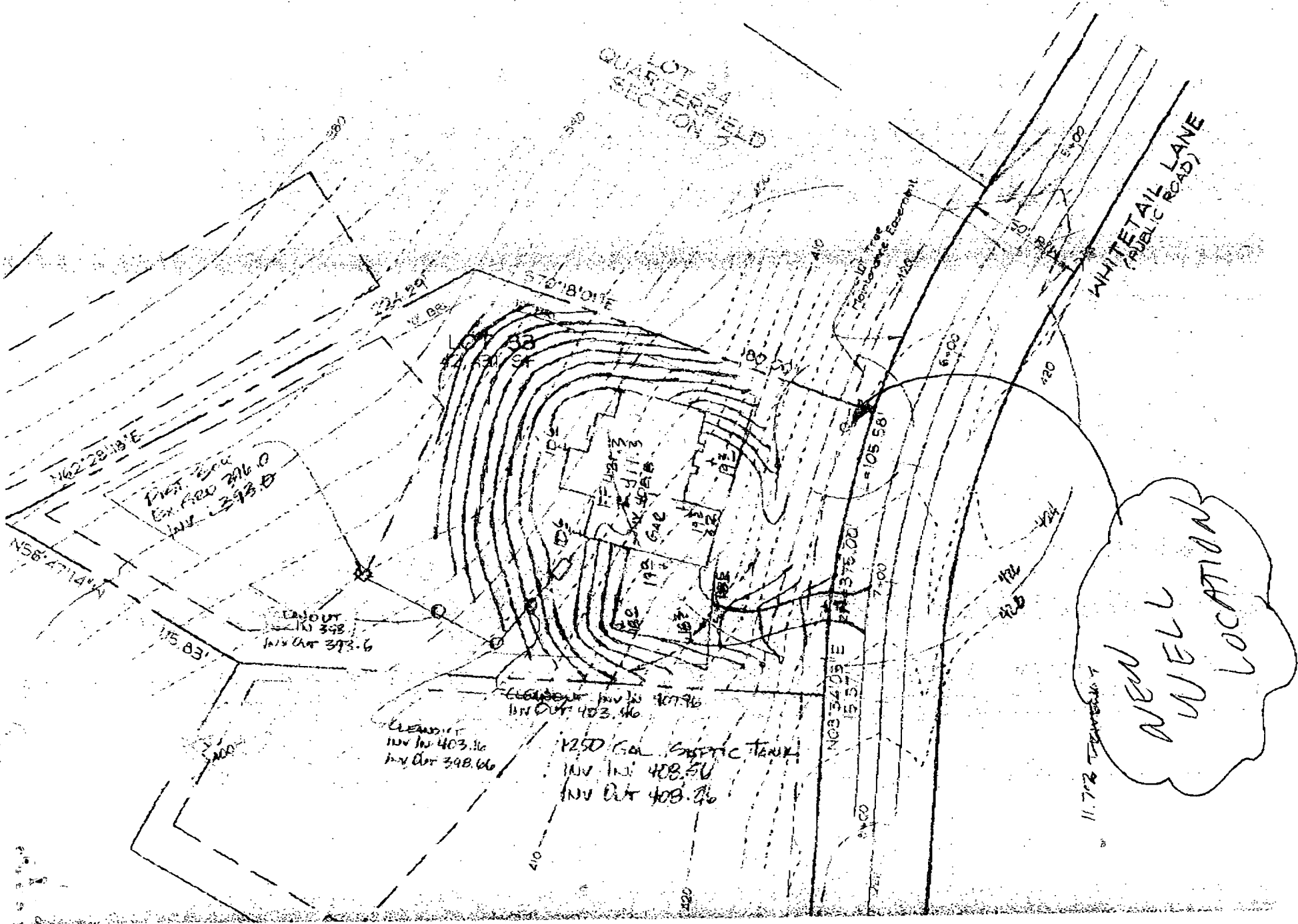
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. Well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 8226 N 5221

METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROTary JETTED AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary DRIVE-POINT other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41



Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER 54 FORCE MR PERMIT No. HO-94-1797



C1 4342 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. COUNTY NUMBER A48849

ST/CO USE ONLY. DATE Received. DATE Well Completed. Depth of Well. PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-1797

OWNER Dale Thompson Bldrs. STREET OR RFD Whitetail La. TOWN W. Friendship. SUBDIVISION QUARTER FIELD SECTION LOT 133

WELL LOG. Not required for driven wells. STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING. DESCRIPTION, FEET FROM TO, check if water bearing.

GROUTING RECORD. WELL HAS BEEN GROUTED. TYPE OF GROUTING MATERIAL. CEMENT, BENTONITE CLAY. NO. OF BAGS, NO. OF POUNDS. GALLONS OF WATER. DEPTH OF GROUT SEAL.

CASING RECORD. casing types insert appropriate code below. MAIN CASING TYPE, Nominal diameter top (main) casing, Total depth of main casing.

OTHER CASING (if used) diameter inch, depth (feet) from to.

SCREEN RECORD. screen type or open hole. insert appropriate code below. STEEL, BRASS, OPEN HOLE, BRONZE, PLASTIC, OTHER.

NUMBER OF UNSUCCESSFUL WELLS: 1. WELL HYDROFRACTURED YES NO.

CIRCLE APPROPRIATE LETTER. A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED. E ELECTRIC LOG OBTAINED. P TEST WELL CONVERTED TO PRODUCTION WELL.

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. MS DO 24. DRILLERS SIGNATURE Joseph L. Mayne. LIC. NO. MS DO 27. DRILLERS SIGNATURE Joseph L. Mayne.

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

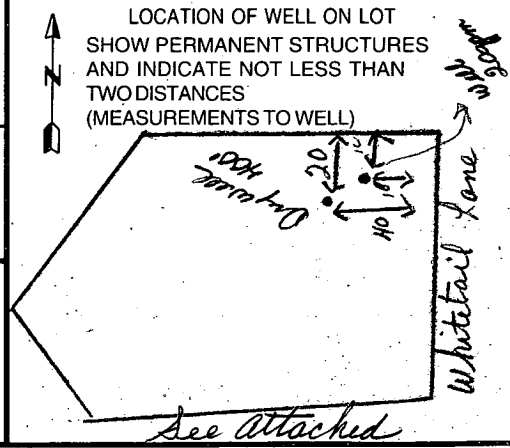
C2 DEPTH (nearest ft.) table with rows E, A, C, H, S, R, E, N and columns 1, 2, 3.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER). T. (E.R.O.S.) W Q. TELESCOPE CASING LOG INDICATOR OTHER DATA.

C3 PUMPING TEST. HOURS PUMPED (nearest hour) 3. PUMPING RATE (gal. per min.) 20. METHOD USED TO MEASURE PUMPING RATE Bucket. WATER LEVEL (distance from land surface) BEFORE PUMPING 41 ft. WHEN PUMPING 53 ft. TYPE OF PUMP USED (for test) S submersible.

PUMP INSTALLED. DRILLER INSTALLED PUMP YES NO. IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35. PUMP HORSE POWER 37 41. PUMP COLUMN LENGTH (nearest ft.) 43 47. CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 2 (nearest foot).



Dry well backfilled H00-40 Drilling material 40-0 cement

See Attached Well locations.

4/15/04 - 600147484
Proposed Deck location
OK.

KB

