

10/26/98
2:00 C.O.
10/27/98
2:30 C.O.

10/28/98 2:30 C.O.

PERMIT

Tax ID - 05-415624

P 510134

SEWAGE DISPOSAL SYSTEM

A 42217

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 5th

HOWARD COUNTY HEALTH DEPARTMENT

DATE 5/8/98

BUREAU OF ENVIRONMENTAL HEALTH

DATE SYSTEM APPROVED 10/28/98

~~XXXXXXXX~~ 410-313-2640

INDEXED

INSPECTOR DKS

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 410-875-4197

SUBDIVISION Adam's Reach LOT 26 ROAD 5716 Adam's Way

PROPERTY OWNER Covenant Homes, Inc. (Wayne Manswell)

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 262.5 350

TRENCHES - Trench to be 2 feet wide. Inlet ⁵ feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at ⁵ feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 110 feet off the rear 509.86' lot line and 60 feet off the left 409.24' lot line. Run trenches along contour towards the 409.24' lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *ok 4-28-98*

10/27/98 Specs. changed due to inability to get gravity service with an inlet at 4.0'.

PLANS APPROVED BY Glen Savage/Donna K. Soe DATE 4/16/98

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

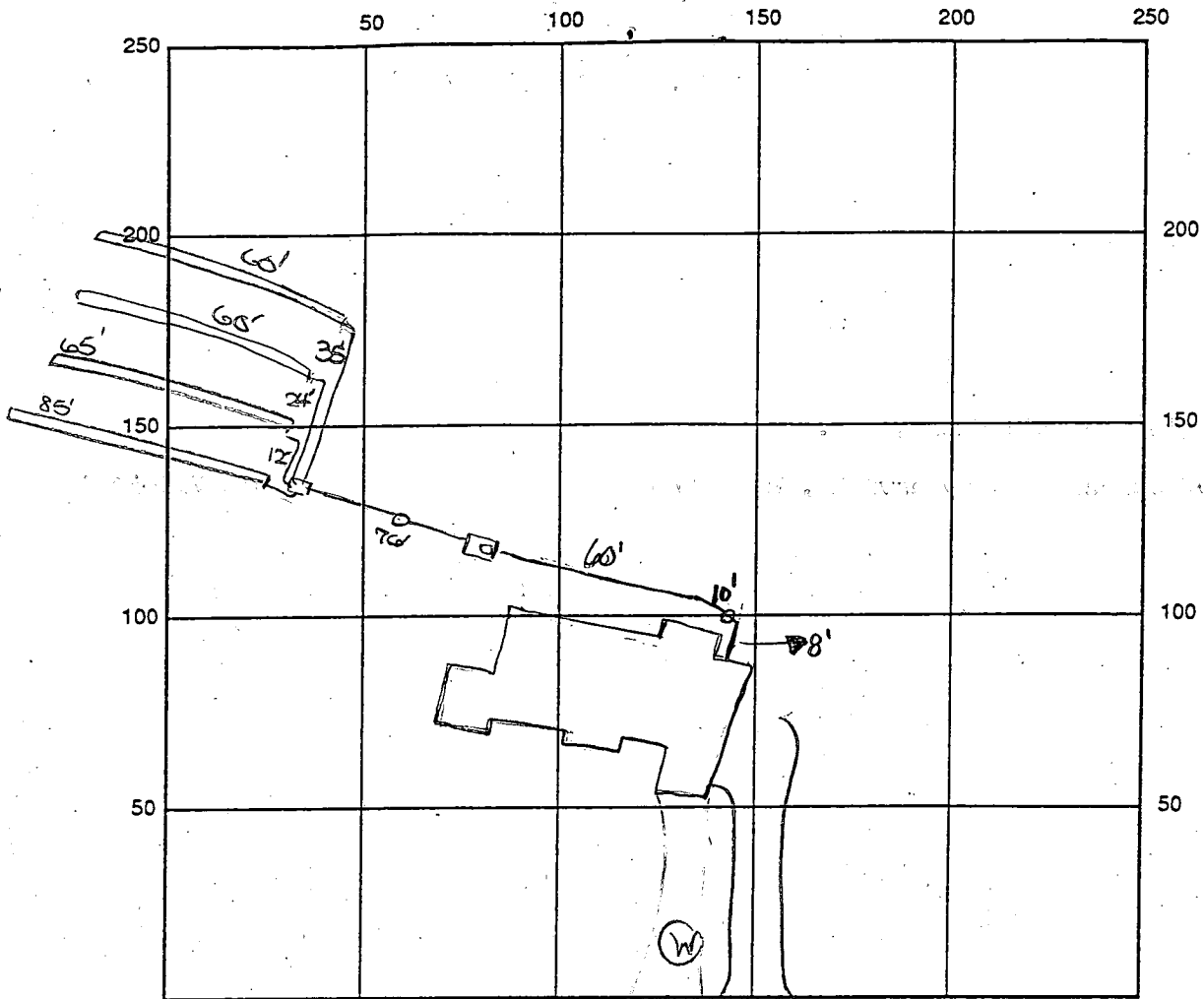
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 12-23-98
Serial # 210 115493
Install 11/10/98
Pupone Cook

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

A 42217



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE Adams Way

SEPTIC TANK LEVEL OK - 1500 gal CLEANOUTS 1 on line

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 5 1/4 FT.

EFFECTIVE GRAVEL DEPTH 3 1/4 FT. TOTAL LENGTH 365 FT.

NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS: 10/26/98 has house connection, OK to continue (KMS)
10/27/98 OK to cover from house to septic tank. Need cleanout
installed in line between septic tank and dist. box. OK to
continue. DKS 10/28/98 FINAL INSP - OK to cover all work. DKS

DATE SYSTEM APPROVED 10/28/98 INSPECTOR DKS/MR

APPLICATION

PERCOLATION TESTING

A 42217
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 5TH
DATE 11/4/1988

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ~~BAC HP DEVELOPMENT LIMITED PARTNERSHIP~~ COVENANT HOMES

ADDRESS C/O H.P. ASSOCIATES
3901 NATIONAL DRIVE SUITE 100 PHONE 421-1700
BURTONSVILLE, MARYLAND 20866

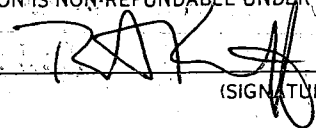
PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION ADAMS REACH Sec 2 LOT NO. LOT 26
& Preliminary

ROAD AND DESCRIPTION LOCATED ON THE NORTH AND SOUTH SIDES OF
MD. ROUTE 32, WEST OF RTE 108, NORTH OF TEA OAKS ROAD

TAX MAP 28 PARCEL # 240 (5416 Adams Way)
SIZE OF LOT ± 3.0 AC TYPE BLDG. BLDG. PERMIT SIGNED
AND RETURNED 4-16-98
Serial # 20110804
SFD-56m
(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.



(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____
REJECTED BY _____ FOR _____ DATE _____
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9-23-88 Perc Satisfactory - Hold for Perc. SW

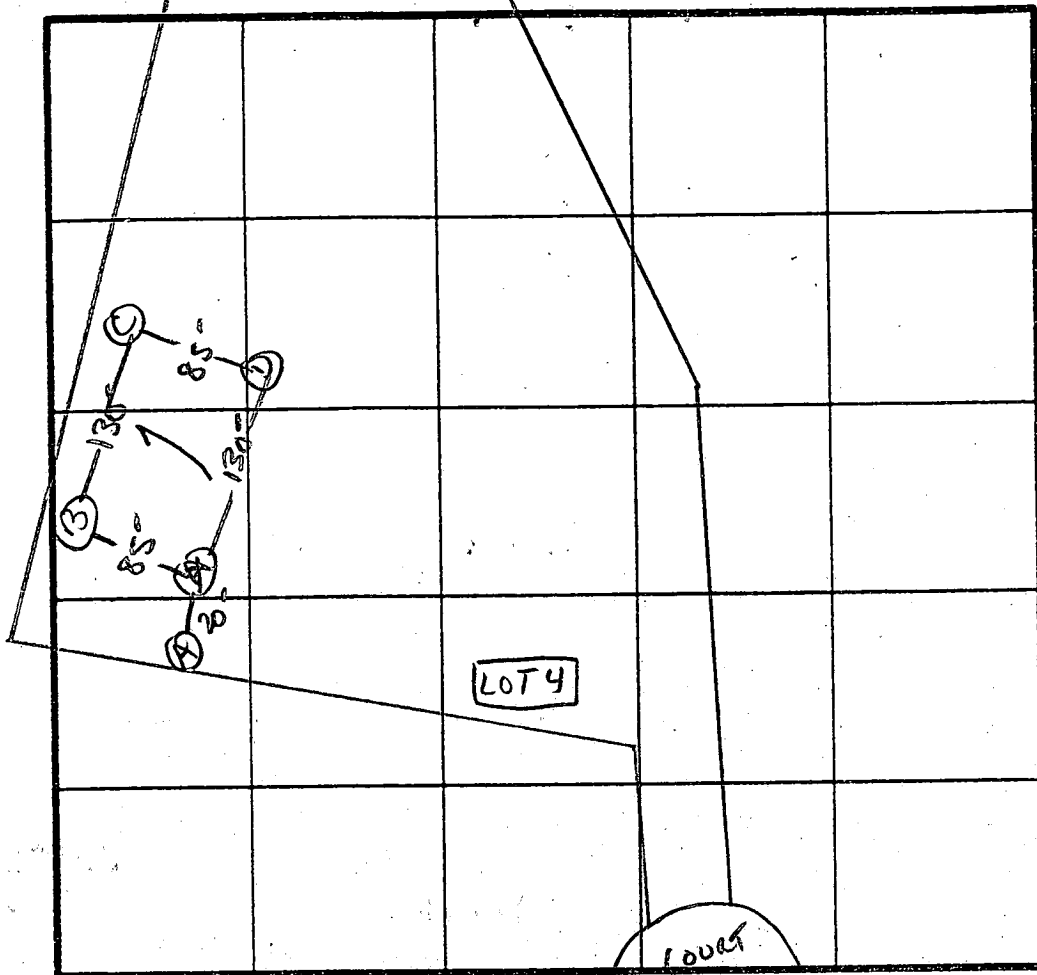
THIS IS NOT A PERMIT

A-42217

LOT 4

Ⓐ - ⓓ
SOIL PROFILE

0	AP
8'	RED BROWN TO yellow BROWN Silty CLAY LOAM 10-20% Frags
2.5-5.0'	Yellow BR. Silt LOAM 15-20% Frags
12'-13'	



X Perc 11 min
210 #/BR
INLET 4.5
BOTTOM 8.5
(INITIAL)
Repair
3.5-5.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ TEN OAKS Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/23/88	AS	5.5	9:38	9:50	9:50	10:20	30 MIN
		8.5	9:37	9:41	9:41	9:48	7 MIN
	AV	12.5	UNIFORM soil below 5.0'				
	BV	12"	UNIFORM soil below 4.0'				
	CV	3"	10:07	10:08	10:08	10:10	2 MIN
		12"	UNIFORM soil below 3.0'				
	DV	2.5"	10:09	10:10	10:10	10:12	2 MIN
		12.5"	UNIFORM soil below 2.5-3.0'				

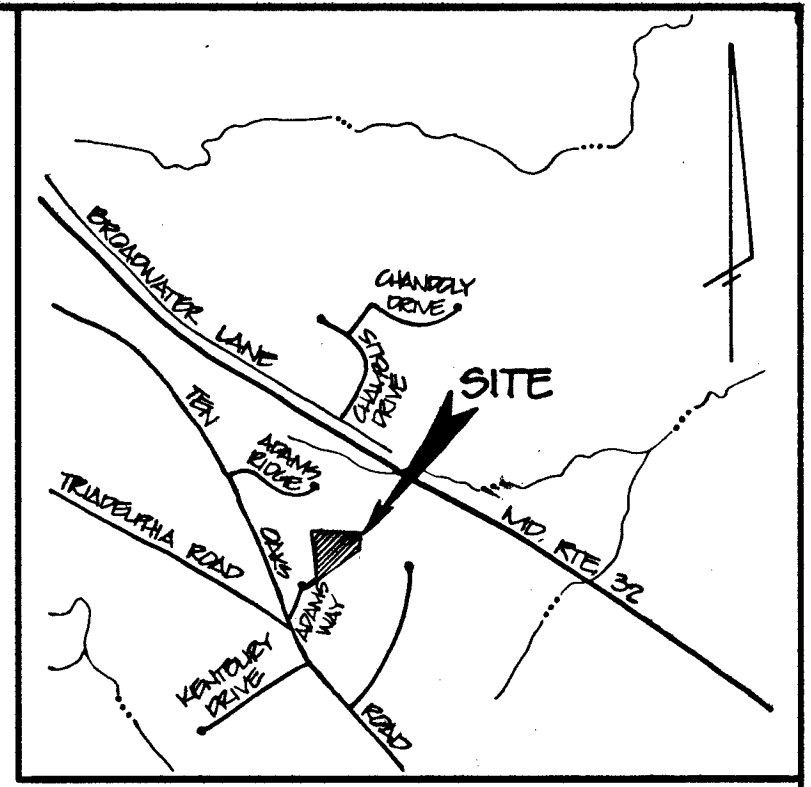
REMARKS Holes per Plat except A / INITIAL SYST. DEEP All Repairs shallow

TYPE OF SOIL Chester Granelly LOAM

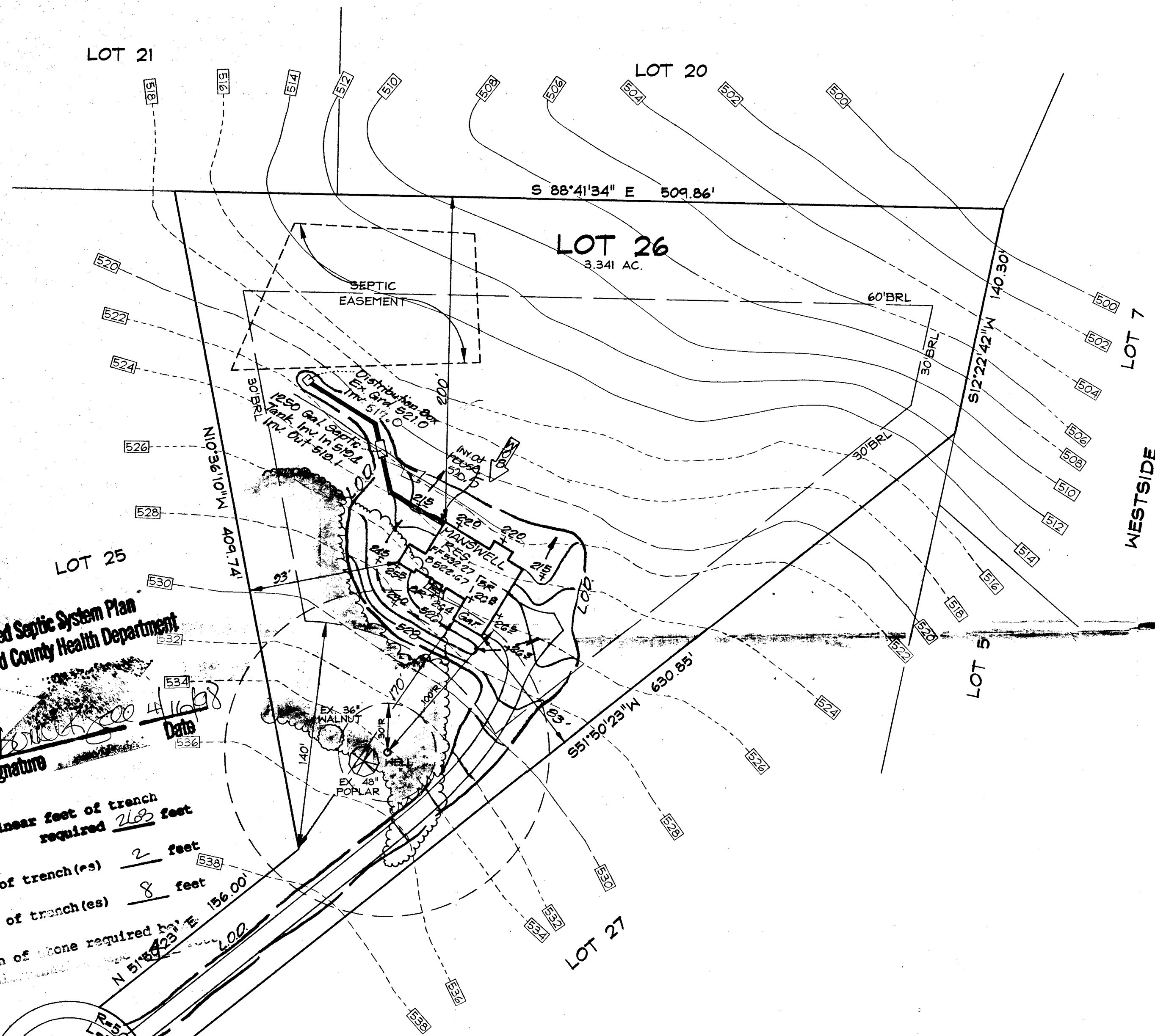
TESTED BY S. Abel

ALSO PRESENT Wayne Fuchto.

EH-12-1079.



VICINITY MAP
SCALE: 1" = 2000'



GENERAL NOTES

1. EXISTING TOPO WAS FIELD RUN BY CLARK, FINEFROCK & SACKETT, INC. ON 2-24-98, AND BY HOWARD COUNTY AERIAL TOPOGRAPHY.
2. REFERENCE PLAT NO. 10574
3. LENGTH OF TRENCHES TO BE DETERMINED AT TIME OF PERMIT ISSUANCE.
4. TOTAL AREA TO BE DISTURBED: 18,300 \pm

LEGEND

CONTOUR INTERVAL	2 FT.
EXISTING CONTOUR	346
PROPOSED CONTOUR	346
DIRECTION OF DRAINAGE	
WALK OUT BASEMENT	
SPOT ELEVATION	+78.4
LIMIT OF DISTURBANCE	L.O.D.
EXISTING & TREES TO REMAIN	

Approved Septic System Plan
Howard County Health Department

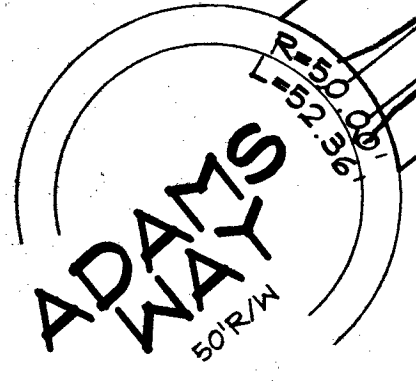
Signature
Date 4/16/98

Total linear feet of trench required 262 feet

Width of trench(es) 2 feet

Depth of trench(es) 8 feet

Depth of stone required by 156.00'



157 d 2-807 001

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.

DESIGNED JME	SITE DEVELOPMENT PLAN SECTION TWO LOT 26 ADAMS REACH TAX MAP 38 PARCEL 89 FIFTH (5TH) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 50'
DRAWN BLP		DRAWING 1 of 1
CHECKED JME		JOB NO. 98-032
DATE MAR. 1998		FOR : COVENANT HOMES P.O. Box 1713 Ellicott City, Maryland 21041

F89-242

LOT #20

LOT 7

LOT 5

LOT #26
3.341 AC.

LOT #27
3.018 AC.

LOT #21

LOT #25
3.603 AC.

LOT #24
3.038 AC.

3/4 OF A

1/2

140.30' N 50.86° E

S 12° 22' 42" E
595.37'

50° 58.6'

N 151° 50' 23" E
L 3085'

1011.86'

N 10° 36' 10" W
409.75'

S 88° 21' 34" E
462.00'

N 51° 30' 23" E
L 5236'

L 5000'
L 5405.5153'
L 241.18'

N 35° 27' 22" W
632.68'

L 5000'
L 597.30'

L 2103'
L 2103'
L 2103'

N 19° 20' 09" W
590.34'

N 67° 54' 24" W
3838'

N 20° 49' 18" W
878.21'

R 221000' L 151.32'

EX. & ROAD

B.R.L.

B.R.L.

B.R.L.

B.R.L.

B.R.L.

B.R.L.

B.R.L.

66

837

73

70

91

72

78

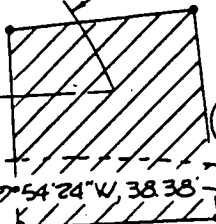
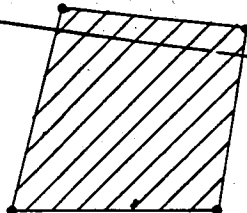
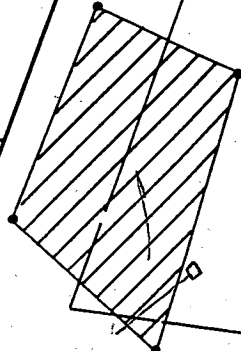
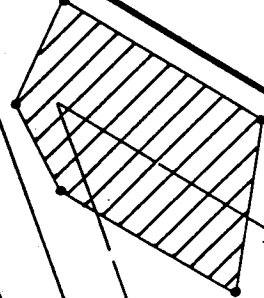
81

84

87

ADAMS

VEHICULAR INGRESS & EGRESS RESTRICTED



B 1	2020	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER <u>10-04-1491</u> <small>fill in this form completely</small>
<small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>				
Date Received (APA) <u>3/20/98</u> <small>8 MM DD YY 13</small>			B 3 LOCATION OF WELL	
OWNER INFORMATION			8 COUNTY <u>Howard</u> 21	
15 Last Name <u>Mimsweil</u> Owner <u>Anthony</u> First Name 34			23 SUBDIVISION <u>Home Reach</u> 42	
36 Street or RFD <u>5601 April Journey</u> 55			SECTION <u>44</u> 46 LOT <u>26</u> 48 50	
57 Town <u>Columbia Md.</u> 70 State <u>MD</u> 72 Zip <u>21044</u> 76			52 NEAREST TOWN <u>Crossville</u> 71	
DRILLER INFORMATION			MILES FROM TOWN (enter 0 if in town) <u>1</u> M I 73 76 77 78	
Driller's Name <u>Michael Pearson</u> M WD 355 76 License No. 81			B 4	
Firm Name <u>Michael Pearson Well Drilling Service</u>			1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)	
Address <u>912 Fawn Cr. Jess 21085</u>				
Signature <u>[Signature]</u> Date <u>3/20/98</u>				
B 2 WELL INFORMATION			11 <u>Adams Way</u> 30 NEAR WHAT ROAD	
APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u> 8 12			ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)	
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u> 14 20			34 <u>200</u> 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39	
USE FOR WATER (CIRCLE APPROPRIATE BOX)			TAX MAP: _____ BLK: _____ PARCEL _____	
<input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)			NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <u>Howard</u> COUNTY NAME <u>A42217</u> COUNTY NO. STATE SIGNATURE _____ INSERT S → 41 DATE ISSUED <u>3/20/98</u> CO SIGNATURE <u>[Signature]</u> EXP. DATE <u>3/19/99</u> NORTH GRID <u>502 000</u> EAST GRID <u>0811 000</u> 50 55 57 63	
<input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)				
22 <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)				
<input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE APPROVAL)				
<input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)				
APPROXIMATE DEPTH OF WELL <u>250</u> FEET 24 28			SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X	
APPROXIMATE DIAMETER OF WELL <u>6</u> INCH NEAREST INCH			SOURCES OF DRILLING WATER	
METHOD OF DRILLING (circle one)			1.	
30 BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jettied & DRIVEN			2.	
AIR-ROTary <input type="checkbox"/> AIR-PERcussion <input checked="" type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/>			3.	
37 CABLE <input type="checkbox"/> REVerse-ROTary <input type="checkbox"/> Drive-POINT <input type="checkbox"/>			WRITE THE BOX NUMBER FROM THE MAP HERE	
other _____			E <u>810</u> X 000 000	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)			N <u>502</u>	
<input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL			DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION	
<input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED				
39 <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS				
<input type="checkbox"/> THIS WELL WILL DEEPEM AN EXISTING WELL				
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52				
Not to be filled in by driller (MDE OR COUNTY USE ONLY)				
APPROP. PERMIT NUMBER _____ G A P _____ 54 63				
FORCE <u>DS</u> WRITE INITIALS IN BOX PERMIT No. <u>10-04-1491</u> 67 68 70 71 72 73 74 75 76 77 78 79				
SPECIAL CONDITIONS				
<small>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED</small>				

C-1 05080 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 03 24 98

Depth of Well 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" MD-94-1491

OWNER: Mimswell (last name), Anthony (first name) STREET OR RFD: 5601 April Journey TOWN: Columbia 21044 SUBDIVISION: Adams Ranch SECTION: LOT: 26

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Red Silty Soil, Orange Silty Soil, Tan + Orange Silty Soil w/ small Brown Layers, and Grey Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 23, NO. OF POUNDS: 2102, GALLONS OF WATER: 138, DEPTH OF GROUT SEAL: 90

CASING RECORD: MAIN CASING TYPE: ST (STEEL), Nominal diameter: 6, Total depth of main casing: 90

OTHER CASING (if used) table with columns for diameter and depth.

SCREEN RECORD: screen type or open hole: ST (STEEL), insert appropriate code below.

PUMPING TEST: HOURS PUMPED: 3, PUMPING RATE: 10, METHOD USED TO MEASURE PUMPING RATE: WATER METER, WATER LEVEL: 44 before, 107 when pumping, TYPE OF PUMP USED: S (submersible)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED: S, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT: 1 (below land surface)

NUMBER OF UNSUCCESSFUL WELLS: 0, WELL HYDROFRACTURED: Y

DEPTH (nearest ft.) table with columns for depth intervals and corresponding casing types.

CIRCLE APPROPRIATE LETTER: A (well abandoned and sealed), 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...

DRILLERS LIC. NO.: M D 355, DRILLERS SIGNATURE, LIC. NO.: M D

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

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

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

