

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 5th.

DATE 6/20/84

05-379644
INDEX

Approved
7/13/84
C. Williams

34018

P 24198

A 24198

Paul Kotis IS PERMITTED TO INSTALL ALTER

ADDRESS 12178 Mt. Albert Road, Ellicott City, Md PHONE 596-9386

SUBDIVISION Chris Mar Estates ROAD 13447 Chris Mar Court LOT 7

PROPERTY OWNER Paul C. Kottis

ADDRESS 12178 Mt. Albert Road
Ellicott City, Md. 21043

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 168 sq. ft. per bedroom Trench to be 2 feet wide, Inlet 4 1/2 feet below original grade. Bottom maximum depth 11 1/2 feet below original grade. Effective area begins at 4 1/2 feet below original grade with 7 feet of stone below distribution pipe. LOCATION: Start the trench 70 feet from the rear lot line and 110 feet from the left lot line as seen when facing the lot from Chirs Mar Court. Continue to dig the trench on level ground running towardes the left side line. NOTES: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspections before and after stone is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

BOEG. PERMIT SIGNED
AND RETURNED 105/90
Serial # 34790 - Prrl.

PLANS APPROVED BY Frank Skinner DATE 6/20/84

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

PERMIT VOID AFTER THREE 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED

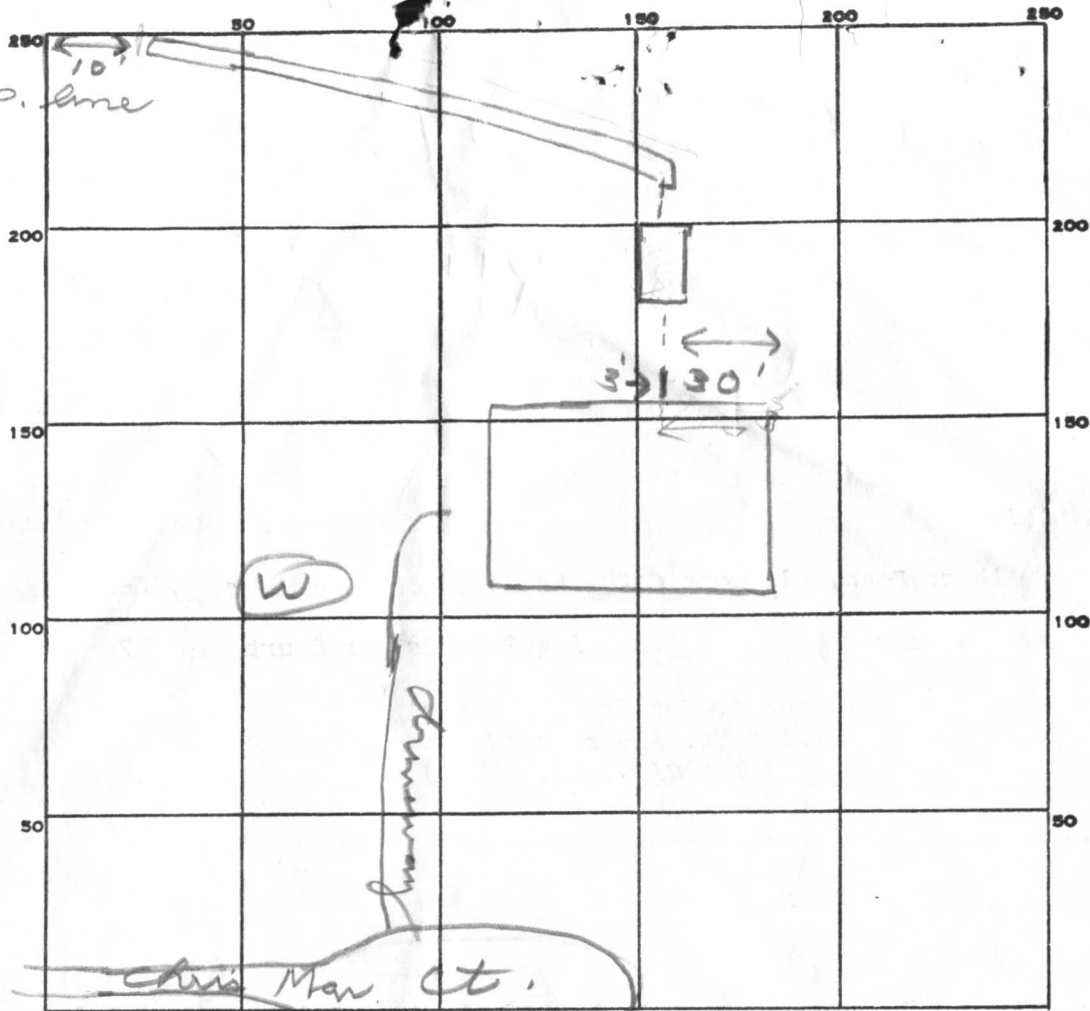
BOEG. PERMIT SIGNED
AND RETURNED 12646
Serial # 12646 - Prrl.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 24198



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL _____

CLEANOUTS STV _____

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 1 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 FT IN. TOTAL LENGTH 100 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 700

ONE SIDEWALL

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 700 SQ. FT.

REMARKS 7/10/84 OK to add stone in trench JS

7/13/84 SYSTEM COMPLETE CW

DATE SYSTEM APPROVED _____

7/13/84

INSPECTOR _____

CW

APPLICATION

A 24198

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT 3 B.R. DISTRICT 5
ENVIRONMENTAL HEALTH SERVICES 1000 gal. septic tank 4 B.R. 1250 gal. septic tank
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356 DATE 10/6/76

sidewall absorption area per bedroom to have 135 SQ. FT. effective soil. Maximum depth permitted for drywell or trench is 11 1/2 ft. below original grade. Place the drywell 70 ft. from the rear lot line and 10 ft. from the left side line as seen when facing the property from Chris-Mar Court. Start the trench after a 5 foot earth buffer with the drywell, and proceed to dig it on level ground, the necessary distance of trenches only are used, they must contain at least 200 SQ. FT. effective sidewall absorption area per bedroom (one side of trench only); be connected in series, be no longer than 100 ft. apiece; and be spaced parallel 15 ft. apart. NOTE: Call for inspection of trench before gravel is installed.

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 Paul G. Kottis

ADDRESS 12178 Mt. Albert Road
P. O. Box 28, Highland, Md. 20777 PHONE 596-9386

PROPERTY LOCATION: Ellicott City, Md 21043

SUBDIVISION Chris Mar Estates Sec. 1 LOT NO. (NEW) 7

ROAD AND DESCRIPTION Brighton Dam Limited Partnership

Court A off Highland Road
13447 Chris Mar Court

SIZE OF LOT 1 acre n/l TYPE BLDG. 4 per B.D. 5475

IF NOT SINGLE RESIDENCE DESCRIBE _____ NUMBER OF BEDROOMS
(Single Fmly. Dwllg.)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Paul G. Kottis

APPROVED BY Frank Shiner FOR drywell and trench DATE 8/30/77
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

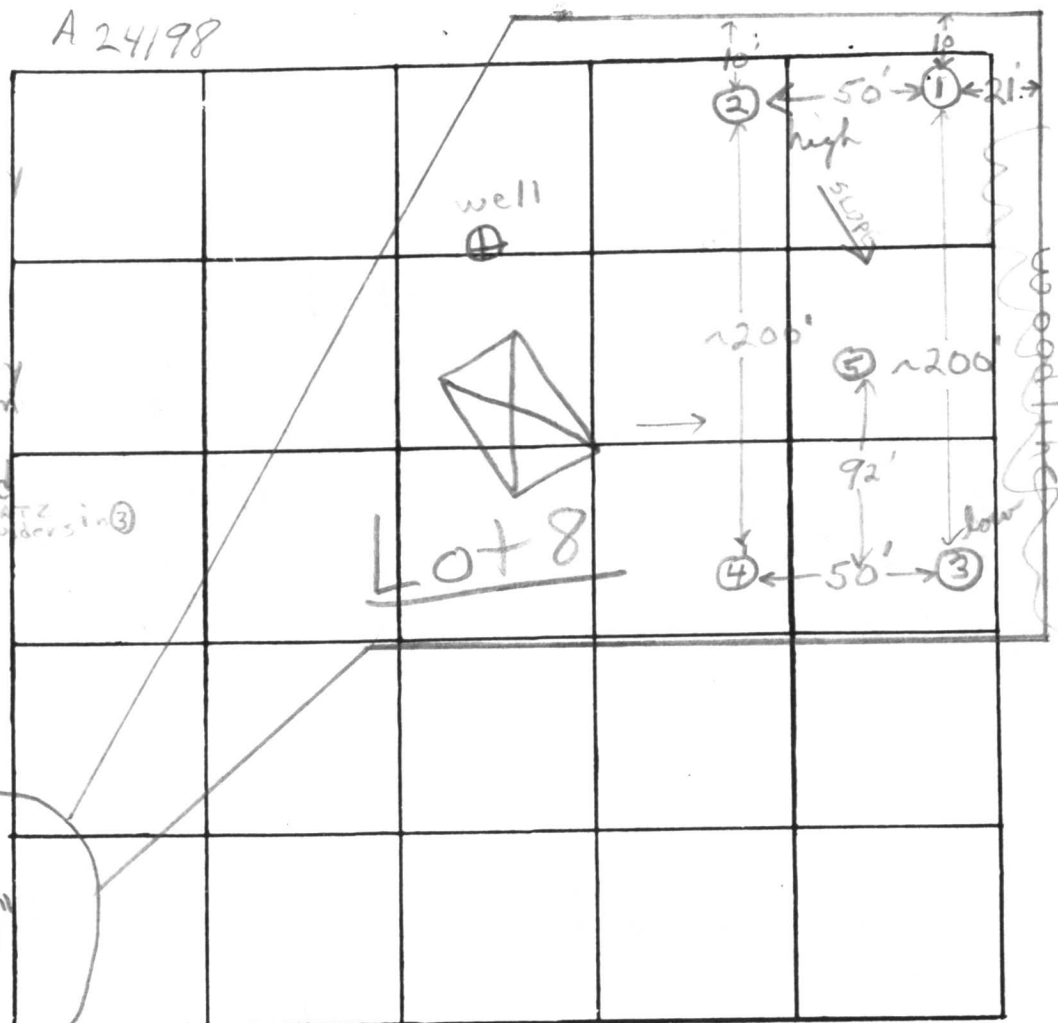
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 7/20/83
Serial #54753-STK.

THIS IS NOT A PERMIT

A 24/98

0' all holes
 1' clayey
 4' mixed
 5'
 Sandy loam & sand
 14' some quartz boulders in (3)



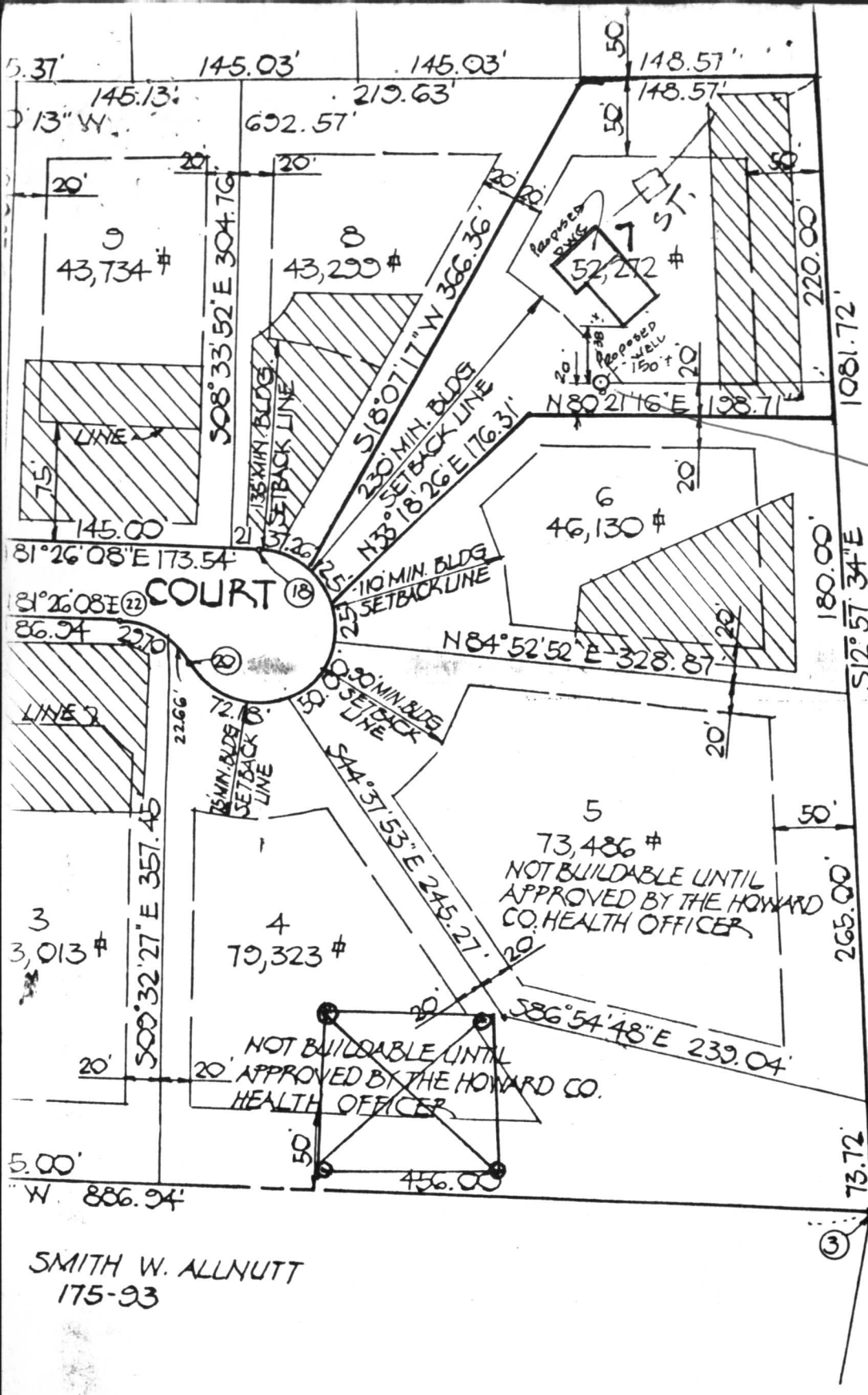
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/24/76	1	5'	1:24	1:25	1:25	1:27	2 min	
	1A	13'	1:22	1:25	1:25	1:30	5 min	
	2 high	6'	1:41	1:42	1:42	1:44	2 min porous at 5'	
	2A	14'	1:44	1:45	1:45	1:47	2 min 5 min avg. in. 4 1/2 ft.	
	3 low	4'	2:04	2:08	2:08	2:17	9 min	
	3A	13'	2:10	2:14	2:14	2:20	6 min	
	4	14'	Clayey to 4 1/2' sandy loam below					
	5	12'	Clayey to 5' sandy loam below					

REMARKS

TYPE OF SOIL sandy loam & sand below top 4' clayey soil

TESTED BY F.S.

ALSO PRESENT: P. Kottisterew



EG500

HUNTINGDON DEV. CORP.

715-498 Well site as shown on this plat will be used for location
6/9/83
Brotter

6/28/83 well site OK
Pl. 6/9/83 * S.
Receipt No. 32847
Easterday will be mailing in permit

SMITH W. ALLNUTT
175-93

CATE
SHOWN AND DESCRIBED HEREON
AND IN CONSIDERATION OF THE
PLANNING & ZONING, ESTABLISH
MENT UNTO HOWARD CO, MD, ITS
STRUCTURE & MAINTAIN SEWERS, DRAINS,
DITCHES, IN & UNDER ALL ROADS &
MENT AREAS SHOWN HEREON;
SEWER &/OR ROADS & FLOOD PLAINS &
AND (\$1.00) CONSIDERATION, HEREBY

RECORDED AS PLAT 3728
ON 6-23-77 AMONG THE LAND
RECORDS OF HOWARD COUNTY, MARYLAND

FINAL PLAT
SECTION ONE
CHRIS MAR ESTATES

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

JUN 9 9 31 AM '83

DIVISION OF
ENVIRONMENTAL
HEALTH



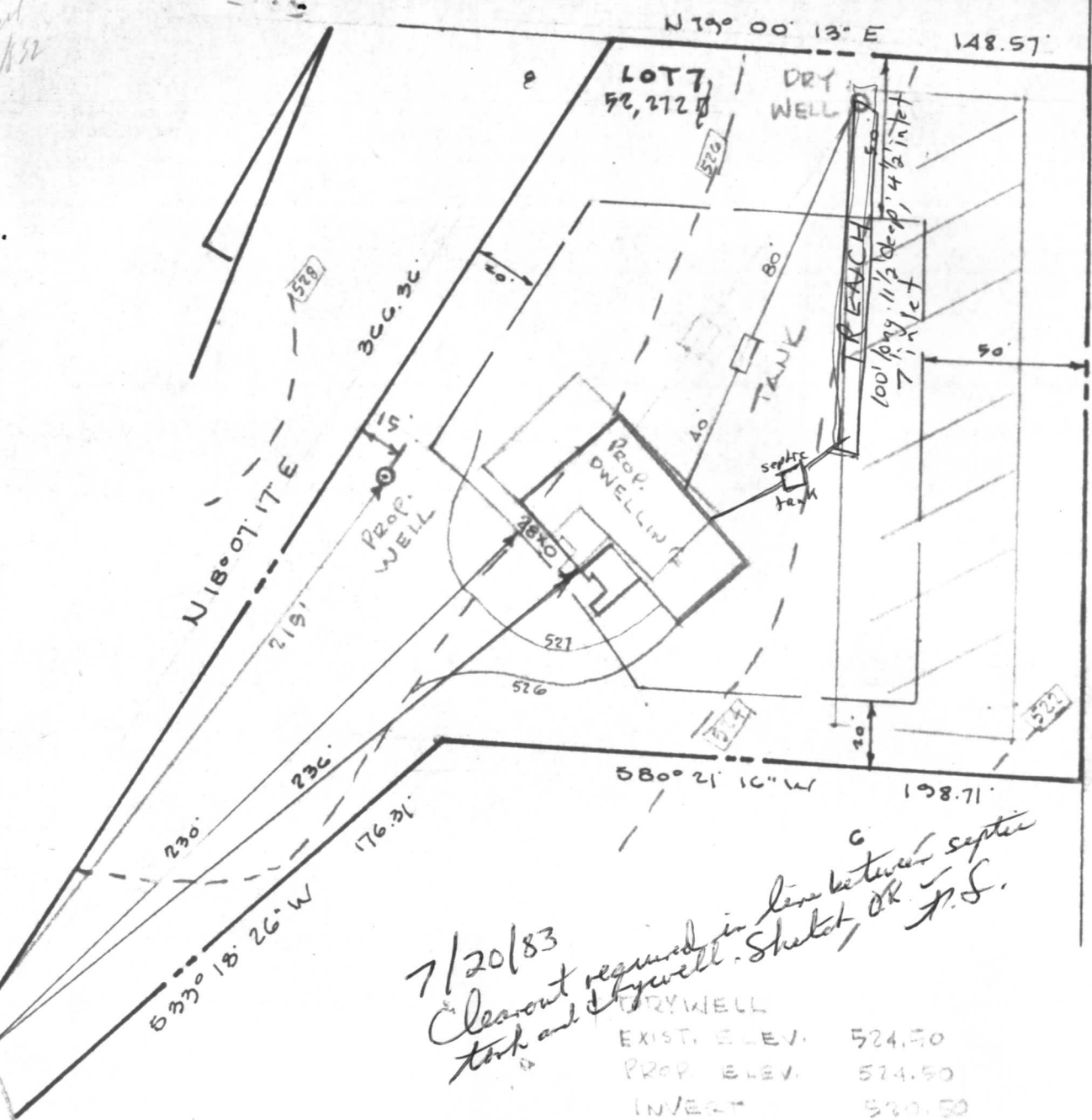
7/2

*will be done
7/11/83*

**CHRIS MAR
COURT**
R-60
L-25



HUDKINS ASSOCIATES, INC
SUITE 231, JOSEPH SQUARE
5485 HARRERS FARM ROAD
COLUMBIA, MD 21044



*7/20/83
Clearout required in line between septic
tank and drywell. Sketch, OK. J.S.*

DRY WELL	
EXIST. ELEV.	524.50
PROP. ELEV.	524.50
INVERT	520.50
TANK	
EXIST. ELEV.	525.00
PROP. ELEV.	525.00
INVERT IN	522.35
INVERT OUT	522.10
INVERT AT HOUSE	523.15

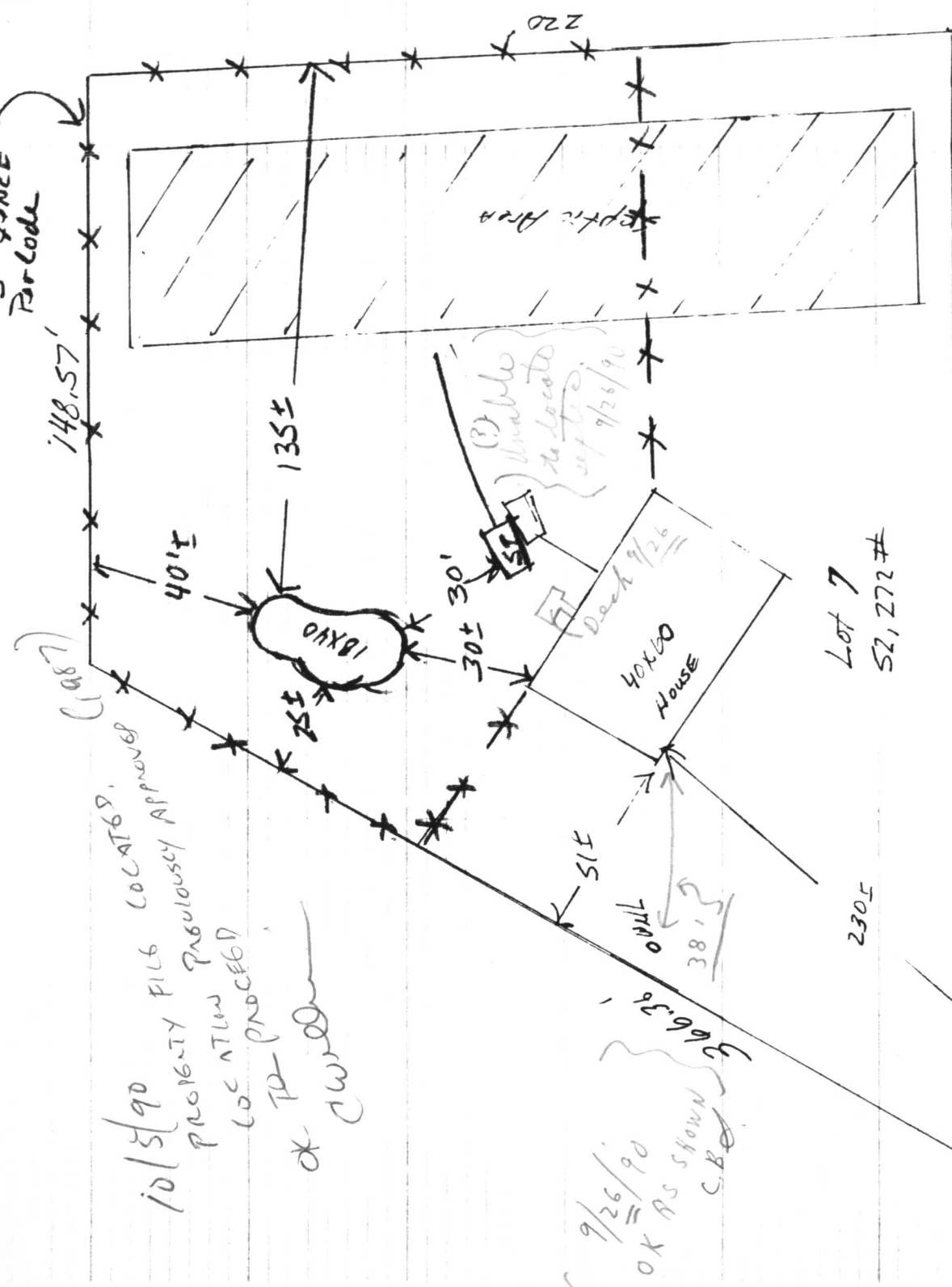
SITE PLAN
LOT 7 CHRIS MAR ESTATES
SECTION ONE PLAT No. 3728
5th ELECTION DIST. HOWARD CO. MD
SCALE 1"=50' JUNE 27, 1983

5' FENCE
Per Code

148.57'

10/5/90
PROPERTY FILE LOCATED,
PREVIOUSLY APPROVED
LOCATIONS
OK TO PROCEED
OK TP
C. W. [Signature]

9/26/90
OK AS SHOWN
C.B. [Signature]



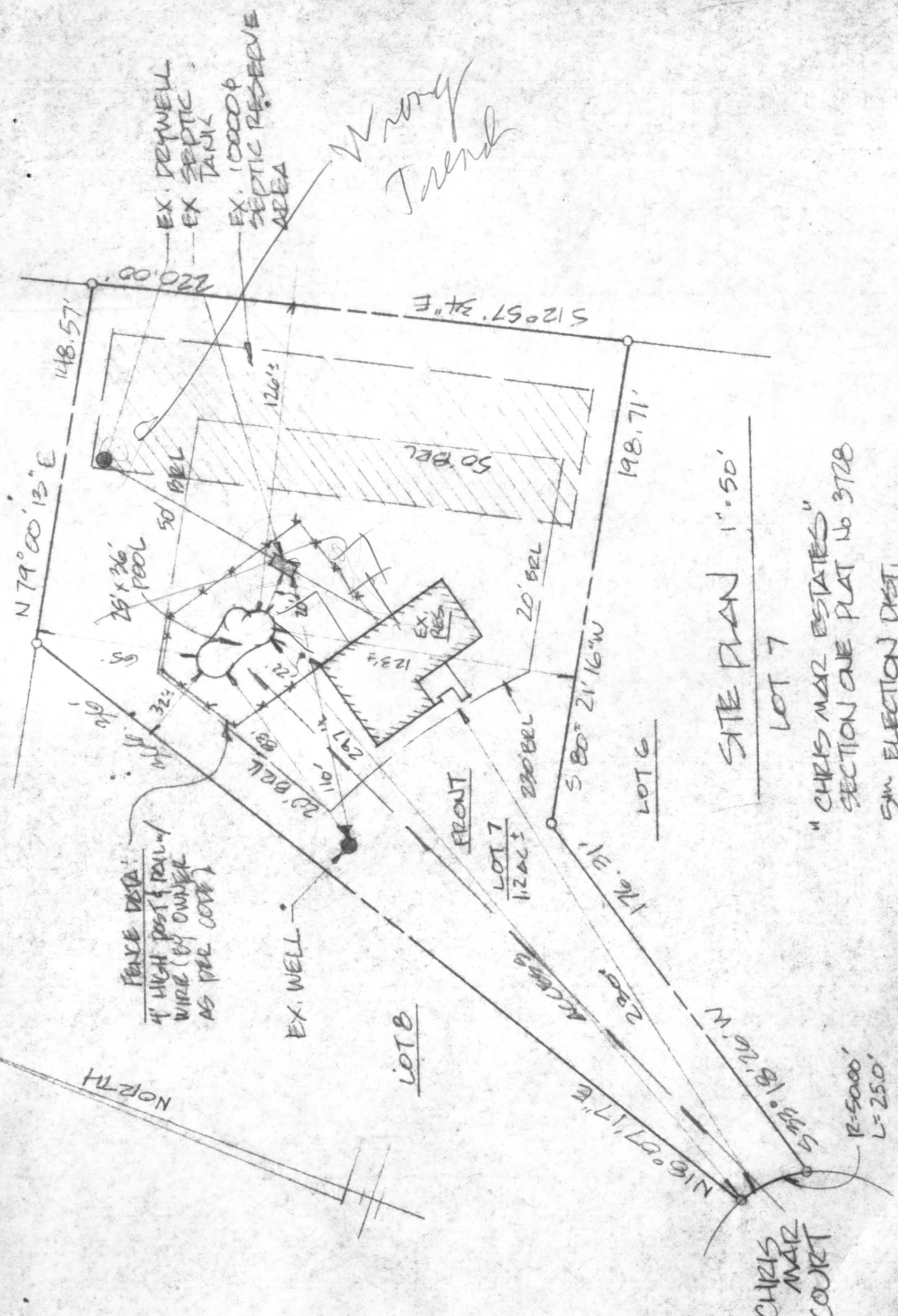
Lot 7
S2, 272#

230±

198.71'

PRIVATE WELL & SEPTIC

BREAKER WILL BE
INSTALLED ON JOB
AS PER CODE.



SITE PLAN 1"=50'
LOT 7

"CHRIS MAR ESTATES"
SECTION ONE PLAT NO 3728
SM ELECTION DIST.
HOWARD CO., MD

CHRIS MAR COURT

C1 0774 SEQUENCE NO. (OEP 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)

COUNTY NUMBER A24198

DATE RECEIVED

DATE WELL COMPLETED 07/14/83

DEPTH OF WELL 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-0172

OWNER Kottis Paul last name first name STREET OR RD Chris Mar Court TOWN Highland SUBDIVISION Chris Mar Estates SECTION 1 LOT 7

WELL LOG table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Rows include Topsoil, Brown Mica, Gray Mica, Tan Mica, Gray Mica, Quartz, Gray Mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 8, NO. OF POUNDS 800.

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE ST, Nominal diameter 6, Total depth 42.

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

SCREEN RECORD: screen type or open hole insert appropriate code below, SCREEN TYPE HO, DEPTH (nearest ft.) 40.

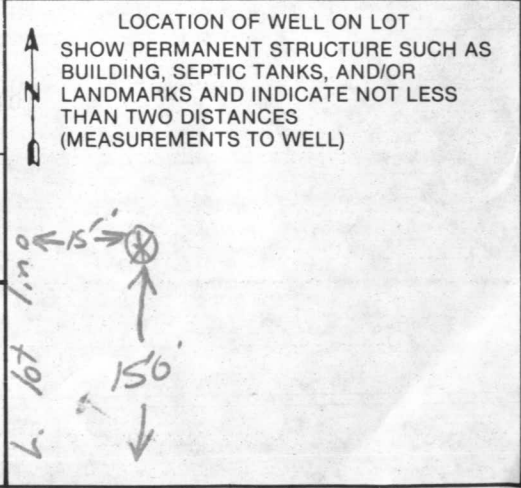
SCREEN RECORD: SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN (NEAREST INCH) 56.

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T, LOG CASING, WQ, OTHER DATA.

PUMPING TEST: PUMPING TEST, HOURS PUMPED 6, PUMPING RATE 1, METHOD USED TO MEASURE PUMPING RATE BUCKET, WATER LEVEL 26, WHEN PUMPING 99, TYPE OF PUMP USED S (submersible).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (+ above, - below) LAND SURFACE (nearest foot).



CIRCLE APPROPRIATE LETTER 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 10.17.13 "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 IDENT. NO. 40, DRILLERS SIGNATURE George J. Kostasday, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) Wendy K. Blumquist.

