

2/3/86 1000am
03-309045

APPROVED
2/3/86
RH

P 36297
A 29171

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330
461-9933

INDEXED

{ I.C.O.P. issued
only
Times repaired }

ELLICOTT CITY
DISTRICT 3rd
DATE 12/4/85

Paul Schissler IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salembottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Sunset Valley ROAD 1040 Sunset Valley Dr. LOT 9

PROPERTY OWNER Chokshi & Soni

ADDRESS

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

GARBAGE GRINDER? YES NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 175 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4½ maximum feet below original grade. Bottom maximum depth 10 feet below original grade. Effective area begins at 4½ feet below original grade. 5½ feet of stone below distribution pipe.

LOCATION: Start 160 feet from front and 130 feet from left (perc hole #1) and run on level ground (toward perc hole #2 #2 approximately 240 feet from left side line and 90 feet or 110 feet from front depending whether measured along edge of perc area or to road where closest to area. As seen from Sunset Valley Drive.

NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

WPI - ADAPTER IS COVERED 2/28/86 C.W.

PLANS APPROVED BY F. Frommelt DATE 10/16/85

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.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 29171

WELL PUMP INSPECTION

Owner's Name: MAHESH & ANJANA CHOKSKI

Address: PRIDEMARK CUSTOM HOME BUILDERS
P.O. BOX 278
MILLERSVILLE, MD 21108

Location of Property: 1040 SUNSET VALLEY DR.

Plumber or Certified Pump Installer: ROBERT L. FELTZER CO. INC

Phone Number: 781-4655, 795-1405

License Number: 2112

Receipt Number:

36262

Date:

11/27/85

Comments:

OK to Proceed.

Inspection: ① Tag OK

② Pitter adapter OK

③ Pipe OK

④ Wire OK

⑤ PRESSURE TANK NOT INSTALLED 1/31/88 R.H.

Date Well Pump Inspection was approved: PRV installed - 3-3-86

Inspector:

S. Layer

SUBDIVISION:

Sunset Valley

LOT NUMBER: 9 Sec. 3 A29171

A 29171

DRY WELL OR DRY WELL AND TRENCH

	Septic Tank	Minimum Total Square Feet	sq. ft./bedroom
3 bedroom	1000 gallon	95' trench	
4 bedroom	1250 gallon	127' trench	
5 bedroom	1500 gallon		

not incl.
disposal

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench.
No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

175 sq. ft./bedroom

Trench to be 2 wide.Inlet 4 1/2 MAX feet below original grade.Bottom maximum depth 10 feet below original grade.

Effective area begins at _____ feet below original grade.

5 1/2 feet of stone below distribution pipe.

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - * (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: START 160' FROM FRONT AND 130' FROM LEFT (Perc. hole #1)AND RUN ON LEVEL GROUND (TOWARD Perc. hole #2) #2 approx.
240' from left side line & 90' or 110' from front
depending wheather measured along edge of perc. area
or to road where closest to area. As Seen from
Sunset Valley Dr.

BLDG. PERMIT SIGNED

AND RETURNED 10-16-85

B.P. Appl. 66969

A 29171
LOT 9 *sect 3*

3 BEDROOMS - 1000 GALLON TANK

4 BEDROOMS - 1250 GALLON TANK

DEEP TRENCHES - 175 sq. ft. one sidewall area per bedroom. Ditch is to be
2 ft. wide, 10 ft. deep, with inlet at 4 1/2
ft. below original grade and filled with 5 1/2 ft. of stone. Length of the
ditch deepens on the number of sq. ft. needed. Start the ditch at perc hole # ①
and run it along level ground toward perc hole # ②. Perc hole # ① is located
160 ft. from the FRONT lot line and 130 ft. from the LEFT
lot line as seen when facing the lot from SUNSET VALLEY DR road.
Perc hole # ② is located 90 ft. from the FRONT lot line and 240
ft. from the LEFT lot line *(or 110' if measured along edge of perc. area)* as seen when facing the lot from SUNSET
VALLEY DRIVE road.

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

A 29171

P _____

DISTRICT 3RD

DATE 10/12/78

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 ~~VIRGINIA M. GARRATT~~ CHOKSHI & SONI

ADDRESS FORSYTHE ROAD SYKESVILLE, MD. 21784 PHONE 301-442-2262

PROPERTY LOCATION:

SUBDIVISION SUNSET VALLEY LOT NO. New # 9 11/14/80
1040 SUNSET VALLEY DRIVE Plat
ROAD AND DESCRIPTION Sec. 2

SIZE OF LOT 3.0 AC. ± TYPE BLDG. SINGLE FAMILY RESIDENCE

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.

SIGNATURE OF APPLICANT Bruce D. Burt

APPROVED BY Raymond Dodge FOR Trench & Drywell DATE 2/2/83

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS B.P. Appl # 66969 DATE _____

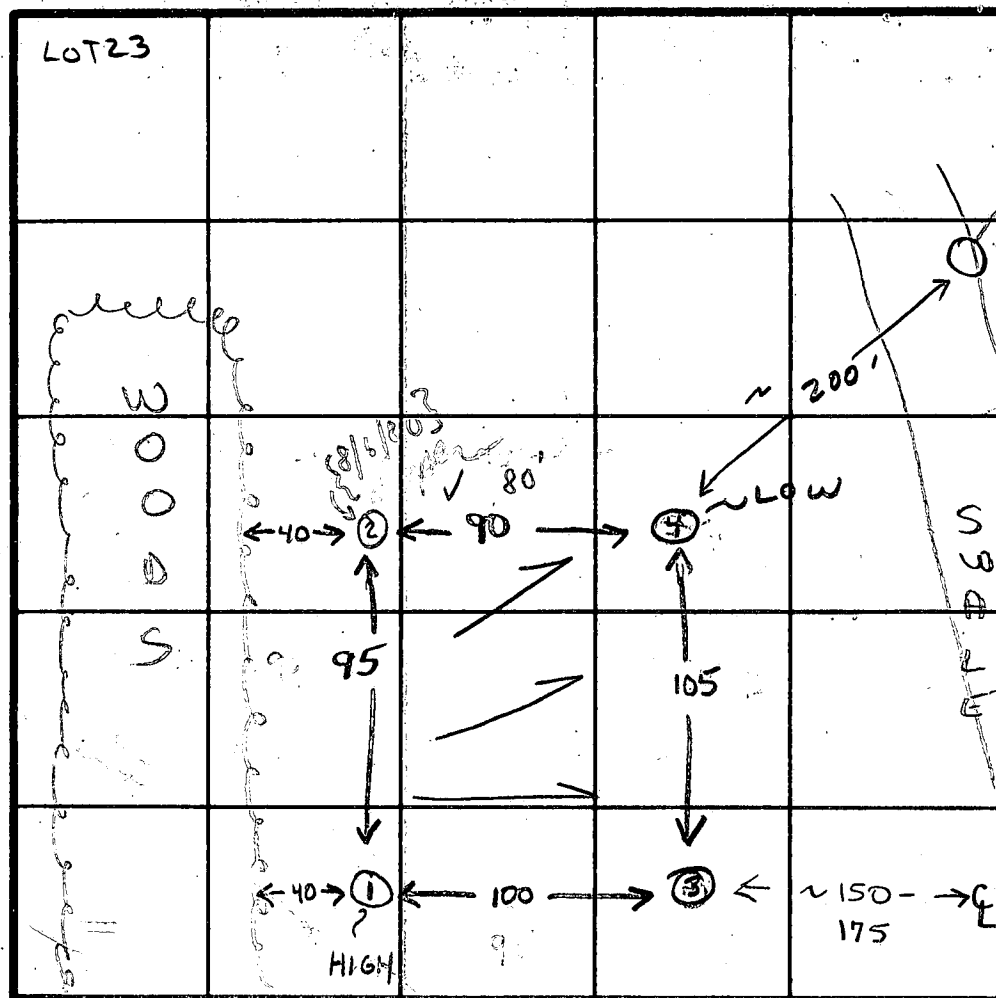
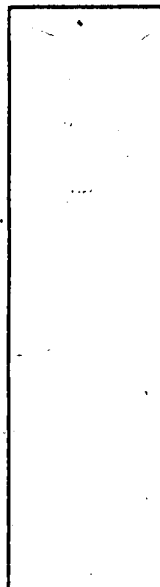
REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 10.16.85

THIS IS NOT A PERMIT

23
New # 9

SOIL PROFILE



WATER 10'
Elevation
① → ④ = 5'
④ → WATER ON lot 4 = 3'
① = ② elevation
LOW lot 4

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
DAY ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/15/78	1S	5	244	247	247	255	8
	1D - HIGH	13	241	246	246	256	10
	2S	6	247	250	250	255	5
	2D	12	VISUAL - SIMILAR				
	3S	6	250	255	255	301	6
	3D	13	253	302	302	320	18
	4S	6	249	253	253	300	7
	4D - LOW	13	249	253	253	313	20
8/6/80	2	Visual	13'	11"	LOAM	DEEP	C.B.S.
							74

SANDY LOAM

Inlet 4'

+ CRIVO

Good ground 5'

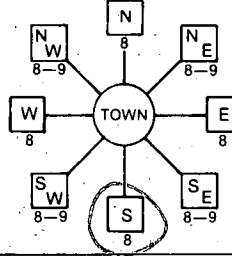

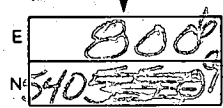
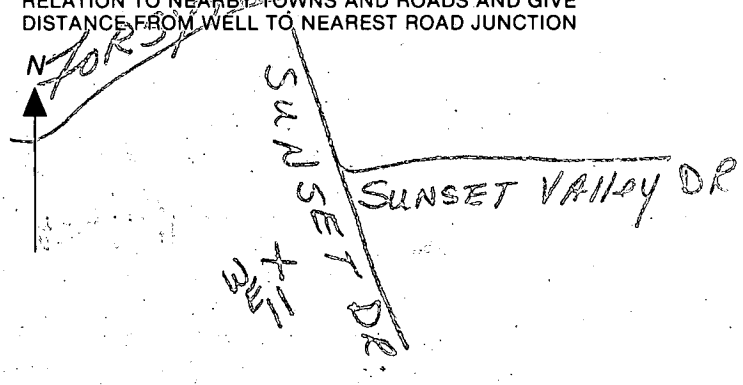
11 min.

FIELD SHEET

REMARKS Tests as stated - open field

TYPE OF SOIL clayey loam with sand (clayey sand)

TESTED BY GLW ALSO PRESENT

B 1 8059 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON CARDS)</small>	SEQUENCE NO. (OEP USE ONLY) 9/10/88	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER 40-81-1158 <small>fill in this form completely</small>
Date Received 9/10/88 OWNER INFORMATION Last Name MARK Owner ENTR First Name ZNC Street or RFD BOX 278 Town ERSVILLE State MD Zip 21104		LOCATION OF WELL 8 COUNTY DOWNARD 23'SUBDIVISION PHOKSHI & SON'S PROP. SECTION 2 LOT 7 52 NEAREST TOWN SVKESVILLE MILES FROM TOWN (enter 0 if in town) 2 MI	
DRILLER INFORMATION Driller's Name L. Kyker License No. 296 Firm Name Master Rotary Well Drilling, Inc. Address #861, Westminster, Md. 21157 Signature <i>L. Kyker</i> Date 9/10/88		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 NEAR WHAT ROAD Sunset Valley Dr. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  34 75 37 DISTANCE FROM ROAD ENTER FT OR MI FT	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 550		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. A-29171 OEP SIGNATURE <i>Howard</i> STATE HEALTH INSERT S <input type="checkbox"/> DATE ISSUED 082785 CO SIGNATURE <i>Sidney R. Hill</i> EXP. DATE 07-27-86 NORTH GRID 549000 EAST GRID 0826000	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <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 HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. CITY 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE  DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6" INCH		METHOD OF DRILLING (circle one) BORED (or Augered) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/> AIR-ROTARY <input checked="" type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVERSE-ROTARY <input type="checkbox"/> Drive-POINT <input type="checkbox"/> other _____	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ FORCE 54 WRITE INITIALS IN BOX 40-81-1158	
SPECIAL CONDITIONS			

C1 2410

SEQUENCE NO.
(OEP USE ONLY)1, 2, 3, 4, 5, 6
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A 29171

DATE Received

DATE WELL COMPLETED

Depth of Well

BP6969

PERMIT NO.

FROM "PERMIT TO DRILL WELL"

8 13

091085

22 253 26
(TO NEAREST FOOT)28 29 30 31 32 33 34 35 36 37
H0-81-1158

OWNER

PRIDE MARK ENT. - (CHOCKSAH)

STREET OR RFD

last name

SUNSET VALLEY DR

first name

TOWN

SYKESVILLE

SUBDIVISION

SUNSET VALLEY II

SECTION

LOT 9

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

Check
if water
bearing

FROM TO

Soft Brn. Schist
& Red Clay

1 12

Soft Brown
Schist

12 25

Granite

25 35

Soft Brown
Schist

35 40

Granite

40 52

Soft Brown
Schist

52 63

Granite

63 76

Hard Brown
Schist

76 77

Granite laced
w/Brn. Schist

77 85

Granite

85 187

Hard Brn. Schist

187 189

Granite & Brown
Schist

189 194

Granite

194 226

Hard Black Schist

226 229

Granite

229 239

Hard Brn. Schist

239 240

Granite

240 252

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
WELLI 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.

296

Ronald L. Kyker

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

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

GROUTING RECORD

WELL HAS BEEN GROUTED

(Circle-Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS

NO. OF POUNDS

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot)

from 0 48 52 ft. to 69 54 58 ft.
(enter 0 if from surface)casing
types
insert
appropriate
code
below

CASING RECORD

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHERMAIN Nominal diameter Total depth
CASING top (main) casing of main casing
TYPE (nearest-inch) (nearest foot)ST 6 70
60 61 63 64 66 70

OTHER CASING (if used)

diameter depth (feet)
inch from toscreen type
or open hole

SCREEN RECORD

ST BR HO
STEEL BRASS OPEN
PL BRONZE HOLE
PLASTIC OTHER

C2

DEPTH (nearest ft.)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

from to

GRAVEL PACK

IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68

OEP USE ONLY

(NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.)

WQ

70 72 74 75 76

TELESCOPE

LOG

OTHER DATA

HEALTH

C3

1 2

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min. to nearest gal.)

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

TYPE OF PUMP USED (for test)

A air P piston T turbine

C centrifugal R rotary O other (describe below)

J jet S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO

(CIRCLE) (YES or NO)

IF DRILLER INSTALLS PUMP, THIS SECTION

MUST BE COMPLETED FOR ALL WELLS

EXCEPT HOME USE

TYPE OF PUMP INSTALLED

PLACE (A,C,J,P,R,S,T,O)

IN BOX - SEE ABOVE:

CAPACITY:

GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

+ above

- below

LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS

BUILDING, SEPTIC TANKS, AND/OR

LANDMARKS AND INDICATE NOT LESS

THAN TWO DISTANCES

(MEASUREMENTS TO WELL)

X WELL

Sunset Valley

Review OK 10/21/85 CWB

Well Permit No. HO - 81-1158
Location of property (road) SUNSET VALLEY DR.
Subdivision SUNSET VALLEY II Lot 9 Block Plat Sec.
Well Driller WESTMINSTER ROTARY-KYKER Owner PRIDEMARK-CHOCKSI

I. High rate pumping -- reservoir drawdown

II. Recovery pump test data - observations to be recorded every 15 minutes

[illegible]

[illegible]

SUNSET

VALLEY

AC CORP
-181.40'E

163.10'

R-275.00'

70.91.2

75'

BUILDING

RESTRICTION

LINE

BP #66969

PLAT NORTH

PROPOSED WELL

well
suck
8-27-85

APPROX DWLS PROP

LOT 9 - 3.000 AC. ±

PLAT OF SECTION TWO

"SUNSET VALLEY"

HOWARD COUNTY PLAT BOOK # 5355

RESTRICTION

LINE 2

93.3

97.9 EW