

C1 4534

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 A33294

DATE RECEIVED

DATE WELL COMPLETED 050184

DEPTH OF WELL (TO NEAREST FOOT) 205

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-0448

OWNER Souder Builders Inc last name first name TOWN Fulton STREET OR RFD Lime Kiln Rd SUBDIVISION fax map 46, parcel 104 SECTION LOT

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Rows include Top Soil, Sandy, Sand Stone, Micka, Sand Stone, Micka.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 72 NO. OF POUNDS 1200

CASING RECORD casing types insert appropriate code below (PL) (ST) (CO) (PL) (OT)

MAIN CASING Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) (PL) (6) (94)

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

SCREEN RECORD screen type or open hole insert appropriate code below (ST) (BR) (HO) (PL) (OT)

DEPTH (nearest ft.) (H0) (92) (205) EACH SCREEN

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. 273 DRILLERS SIGNATURE Ralph Wayne

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

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

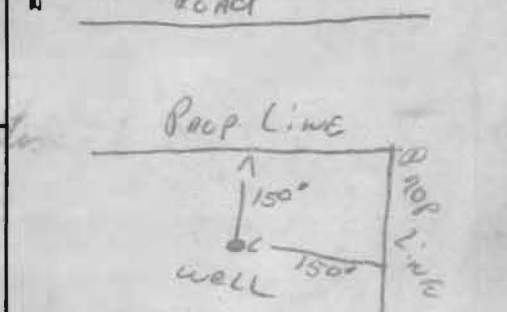
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 9 PUMPING RATE (gal. per min. to nearest gal.) 6 METHOD USED TO MEASURE PUMPING RATE Bucket 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)



B 1 7909 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER 40-87-0448

please print or type

fill in this form completely

Date Received 5/1/84 - 1:30 P.M. OWNER INFORMATION Spudner Bush Loers Inc 7335 Old Sch 9th St Larkiel MD 20200

LOCATION OF WELL Howard County MAP 46 PARCELL 07 SECTION 44 LOT 48 50 FULTON MILES FROM TOWN 0 MI

DRILLER INFORMATION Ralph Mayne 273 77 License No. 80 Ralph Mayne (well Drilling) 9129 Brayne Church Rd Mt Airy Ralph Mayne 2/25/83

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) TOWN NE NW N E SE S SW W E SOUTH ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NEAR WHAT ROAD Lime Kiln Rd. DISTANCE FROM ROAD 0 FT

WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD A 33294 COUNTY NAME COUNTY NO. OEP SIGNATURE STATE HEALTH INSERT S DATE ISSUED 030984 Frank Shinn 9/9/84 CO SIGNATURE EXP. DATE NORTH GRID 000 EAST GRID 000

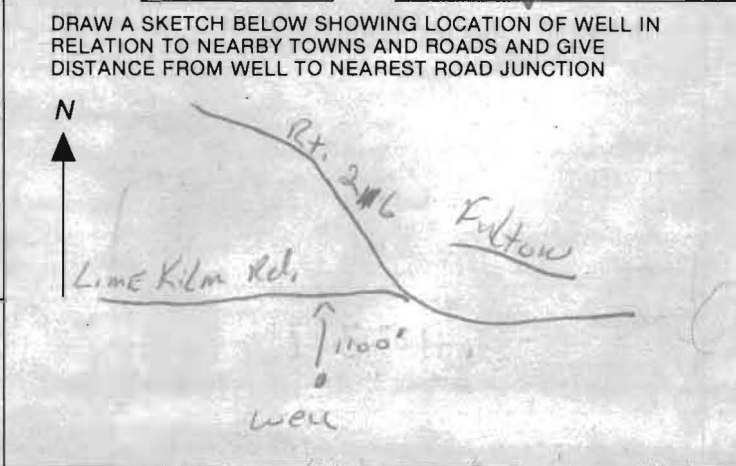
APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary Drive-POINT other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X Location OK SOURCES OF DRILLING WATER 1. well 44 - casing 40' - open 12 - bags cement WRITE THE BOX NUMBER FROM THE MAP HERE 511/84

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY D THIS WELL WILL DEEPEM 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 GAP FORCE FS PERMIT NO. 40-87-0448

SPECIAL CONDITIONS

STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION
REPORT OF WATER ANALYSIS

Bottle Number: H 7598 Name: Southern Builders County: Howard

Source of Sample: Map 46 Parcel 104 Street: _____ Town or City: _____ Collector: Stanger

Sample Type (Circle): Community Source Non-Community Distribution **Private MCL** Emergency Recheck Routine

Remarks: HO 91 0448

County: 13 Plant No: Sampling Station: Date Collected: 050184 Time: 1300 ^P/_M Acid: Iced:

Field Data: pH*: Chlorine Residual: Free Total Specific Conductance:

✓	ANALYSIS	CODE	RESULTS	✓	ANALYSIS	CODE	RESULTS
	pH*	011			Arsenic	253	
	Alkalinity (Total)	040			Barium	262	
	Alkalinity (HCO ₃)	050			Cadmium	273	
	Alkalinity (CO ₃)	060			Chromium	283	
	pH*, Ca CO ₃ SAT.	071			Lead	302	
	Alkalinity, Ca CO ₃ SAT	080			Mercury	314	
	Hardness	110			Selenium	323	
	Ammonia N	143			Silver	333	
✓	Nitrate N, Nitrite N	162	<u>0.4</u>		Aluminum	192	
	Nitrite N	173			Calcium	231	
	MBAS	182			Copper	241	
	Chloride	091			Iron	122	
	Fluoride	101			Magnesium	241	
	Calc ²⁺	020			Manganese	133	
	Turbidity*	031			Nickel	391	
	Conductance*, SPEC	201			Potassium	361	
	Silica	210			Sodium	371	
	Sulfate	220			Zinc	342	
	Total Residue	381					

* Results reported in units, all others in milligrams per liter (ppm)

Date Received: _____ Date Reported: MAY 1984 Chemist: _____ Lab No: 12931

SUBDIVISION: UNDINE PRINCE PROPERTY

LOT NUMBER: 4.8 ACRE LOT

DRY WELL OR DRY WELL AND TRENCH

		_____ sq. ft./bedroom
	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

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

158 sq. ft./bedroom

Trench to be 2 wide.
 Inlet 3 feet below original grade.
 Bottom maximum depth 8 feet below original grade.
 Effective area begins at 3 feet below original grade.
5 feet of stone below distribution pipe.

*3 - Bedrooms
 No Garbage
 Grinders*

- 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: RUN THE FIRST TRENCH ALONG LEVEL GROUND,
140' FROM THE BACK 384' LOT LINE AND 130' FROM THE RIGHT 481'
260' LINE & RUN TRENCH TOWARD LEFT LOT LINE.
ADDITIONAL TRENCHES AS NEEDED
TO BE PARALLEL TO FIRST AND SEPARATED FROM EACH
OTHER BY A DISTANCE OF 10-12 FEET.

1-26-84 CW. [Signature]