C1 15598 SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT	THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.				
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS, 3-6 ON ALL CARDS)	FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY NUMBER				
ST/CO USE ONLY DATE Received MM DD 3 YY 8 13 15 DATE WELL COMPL	Y 22 VOD 26	OK FROM "PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95 - 2562 28 29 30 31 32 33 34 35 36 37				
OWNER BAIRS LEA	TRON TRINK first notion - TOWN T					
SUBDIVISION Ten Laks Mursen	SUBDIVISION_Ted_babs museum					
WELL LOG Not required for driven wells	GROUTING RECORD Ves no WELL HAS BEEN GROUTED (Circle Appropriate Box)					
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL (Circle one)	HOURS PUMPED (nearest hour)				
DESCRIPTION (Use additional sheets if needed) FROM TO bearing	NO. OF BAGS	PUMPING RATE (gal. per min.)7				
Top Soil 0 2 Brown Shalp 2 8	GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot) fromft. toft. toft.	METHOD USED TO MEASURE PUMPING RATE				
Boowh Mica 8 88 -	(enter 0 if from surface)	WATER LEVEL (distance from land surface) BEFORE PUMPING 50 ft.				
Gray MIC9 88 125	types insert appropriate	WHEN PUMPING $\frac{400}{22}$ ft.				
Gray Mica 125 126 L Gray Mica 126 250	below PLASTIC OTHER	TYPE OF PUMP USED (for test)				
	MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary O (describe				
opening 250251 L	<u>60 61</u> <u>63 64</u> <u>66</u> <u>70</u>	27 27 27 below)				
Gray MIC 9 251 400	E OTHER CASING (if used) A diameter depth (feet) C inch from to	27 27				
A the second and		PUMP INSTALLED DRILLER INSTALLED PUMP YES NO (CIRCLE) (YES or NO)				
NATION PROPERTY	screen type SCREEN RECORD	IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED				
	or open hole ST BR HO insert STEEL BRASS OPEN	PLACE (A,C,J,P,R,S,T,O) 29 IN BOX 29.				
	appropriate code below PLL PLASTIC OTT OTHER	CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER				
	C 2 DEPTH (nearest ft.)	PUMP COLUMN LENGTH				
WELL HYDROFRACTURED	E 1 Ho 98 HOO A 8 9 11 15 17 21	43 47 CASING HEIGHT (circle appropriate box and enter casing height)				
CIRCLE APPROPRIATE LETTER	C 2 H 23 24 26 30 32 36	LAND SURFACE				
WHEN THIS WELL WAS COMPLETED     ELECTRIC LOG OBTAINED     TEST WELL CONVERTED TO PRODUCTION     WELL	C 3 R 38 39 41 45 47 51 E E SLOT SIZE 1 2 3	below ) (nearest) 49 foot) LATITUDE 3 <u>9</u> . <u>21138</u> 3				
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.	DIAMETER OF SCREEN 56 60 (NEAREST INCH) from to	LONGITUDE 7 <u>6</u> . <u>962</u> 453 (DEFAULT COORD. WGS 84) NOTES:				
DRILLERS LIC. NO. I M MD 040 I DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)	GRAVEL PACK	26 bags = 4.3 bags/10'				
LIC. NO. 1 JED 038	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)	70 72 TELESCOPE LOG 74 75 76	· · · · · · · · · · · · · · · · · · ·				
	CASING INDICATOR OTHER DATA	<u> </u>				

MDE/WMA/PER.071

COUNTY

EMERGENCY/TEMP NO. IF ANY STATE PERMIT NUMBER SEQUENCE NO. STATE OF MARYLAND 5044 (MDE USE ONLY) APPLICATION FOR PERMIT TO DRILL WELL 40- 95- 2562 please type fill in this form completely Date Beceived (APA) LOCATION OF WELL В 3 12463 CCH Ot 02 OWNER INFORMATION 8 MM DD YY Howard COUNTY 21 BAIRE LEA AND RON 15 Last Name Ten Oaks Nursery Owner **First Name** 34 23 SUBDIVISION 42 5790 TEN OAKS RD 36 Street or RFD 55 I OT | 46 10 50 CLARKSVILLE, MD 21029 Davton 57 State Town 76 70 Zip 71 52 NEAREST TOWN DRILLER INFORMATION MWD 040 George F. Easterday Driller's Name License No. B 4 76 SOURCES OF DRILLING WATER Franklin Easterday, 5790 Ten Oaks Rd STREET ADDRESS Inc Firm Name 1. 30 wells 2. NORTH Brown ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) Church Rd M Airv Md 21771 Ν Address 3. NOT SOUTH 7/1/2013 100 37 34 50 Signature Date 2 WELL INFORMATION DISTANCE FROM ROAD B 5 APPROX, PUMPING RATE 2 ENTER FT OR MI 38 39 8 (GAL. PER MIN.) 12 TAX MAP: 34 BLK: 4 PARCEL 189 AVERAGE DAILY QUANTITY NEEDED 50020 (GAL. PER DAY) 14 NOT TO BE FILLED IN BY DRILLER USE FOR WATER (CIRCLE APPROPRIATE BOX) HEALTH DEPARTMENT APPROVAL DOMESTIC POTABLE SUPPLY & RESIDENTIAL D IRRIGATION FARMING (LIVESTOCK WATERING & AGRICULTURAL F COUNTY NAME COUNT IRRIGATION) STATE INDUSTRIAL, COMMERCIAL, DEWATERING T 22 INSERT S SIGNATURE P PUBLIC WATER SUPPLY WELL DATE ISSUED TEST, OBSERVATION, MONITORING T CO SIGNATURE DATE O OPEN LOOP GEOTHERMAL CLOSED LOOP GEOTHERMAL C PROPOSED LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, APPROXIMATE DEPTH OF WELL J FEET 300 ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO 28 DISTANCE MEASUREMENTS TO WELL NEAREST APPROXIMATE DIAMETER OF WELL INCH TEN OAKS Road METHOD OF DRILLING (circle one) BORED (or Augered) JETTED **Jetted & DRIVEN** AIR-ROTary **ROTARY** (Hydraulic Rotary) AIR-PERcussion CABLE **REVerse-ROTary DRive-POINT** TRIAde Iphia Mill other REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX) N THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE Y ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED S AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEN AN EXISTING WELL BRIGHTON DAM ROAD PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED PARICS -(IF AVAILABLE) 41 52 ville Not to be filled in by driller (MDE OR COUNTY USE ONLY) 13 K 4 APPROP. PERMIT NUMBER 74 SPECIAL CONDITIONS ۲ NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHELLT NEED Sea br 1ech

MDE/WMA/PER.071

2 COUNTY

### HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH WELL & SEPTIC PROGRAM TEL: (410)313-1771 FAX: (410)313-2648

#### Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Address:	Nut'l	Water	Telephone	#:
License # and name Name (Print): *A licensed individ licensed journeym	e of individu lual must pe an or maste	al responsible for the fie erform the actual insta or plumber, pump insta	ld installation: Ilation. Appr Iller or well dr	Licensed Well Pump Installer License# rentices must be under the supervision of a filler. Licenses may be subjected to field priate licensing agency.
Name of Property C Subdivision: Site Address:	)wner:	Oaks Rel.	Telepho Lot #:	one #: Well Tag #: HO - <u>95 - 2563</u>
Well Yield: Depth of well encou If pump capacity ex Torque arrestors, Ca	GPN GPN untered at tin ceeds well y able guards,	Make: Model#: M Depth: M NSF/WSC ap ne of pump installation: ield, a low water cut off or other acceptable metl	(36" min) proved: (feet) switch is required nod used- Must	Well Cap and Electric Conduit         Two piece watertight cap:         Screened, vented well cap:         Cap secured to casing:         Conduit min 18" B.G.:         Conduit secured to well cap:         ired by NSPC 1990 Section 17.8.4         t circle one         able method inside of well casing
Depth of supply line	e:(	36" min) Sleeve seal	e to undisturbed leeve(5' minimur ed properly:	d soil at wall penetration: n from foundation):

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this <u>cannot</u> be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation date				
	For Health Department Use Only - Not to be completed by Installer			
Date Insp. Reque Inspection Data:	sted: <u><math>8/16/13</math></u> Date Insp. Approved: <u><math>9/16/13</math></u> Inspector: <u><math>K\omega</math></u> Pitless adapter watertight & water supply line at least 36" below grade Two piece cap installed and attached to casing securely Elec. conduit extends at least 18" below grade/attached to cap properly			
	Safety rope not outside of well cap/casing Correct well tag attached properly and casing 8" above finished grade Water supply line sleeved adequately at house connection Adequate grout observed below pitless adapter			

MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION 1800 Washington Blvd., Baltimore, Maryland 21230 (410) 537-3784					
WATER WELL ABANDONMENT-SEALING REPORT FORM					
***			*****	*****	
<u>SUI</u> * *	SUBMIT COPIES OF COMPLETED FORM TO: * COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA if address needed) * WELL OWNER				
*	MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRA	AM			
DA	TE WELL ABANDONED: 12-6-13 (mon	nth/day/year)			
*	PERMIT NUMBER OF ABANDONED WELL (if any)				
*	PERMIT NUMBER OF REPLACEMENT WELL:	110 - 6	$\frac{15}{-2}$	S G. D	
*	PERMIT NUMBER OF ABANDONED WELL (if any) PERMIT NUMBER OF REPLACEMENT WELL: PERSON ABANDONING WELL: <u>FRANK SINGLETON</u> WE OWNER'S NAME: <u>TEN OAKS NUVSERY</u>	ELL DRILLER'S LICENSE NU CIRCLE:	JMBER: <u>120 (C</u> MWD / MSD / M	15D 046	
*	OWNER'S NAME: 100 VALLS 100 VSev 4	and the second sec			
*	WELL LOCATION: Howard COUNTY: Howard NEAREST TOWN: CLARESVILLE	SITE LOC	CATION MAP		
	NEAREST TOWN: <u>CLARESVILLE</u> TAX MAP BLOCK PARCEL SUBDIVISION: <u>LOT:</u> SECTION: <u>LOT:</u> STREET ADDRESS: <u>5790 TEN DAES POT:</u>	House		pre litz	
	LATITUDE 39.211729		and a second second		
	LONGITUDE 7 6. 9 6 2 8 8 0				
	r.				
*	TYPE OF WELL BEING ABANDONED:	LOG OF S	EALING MATE	RIAL	
*		LOG OF S		RIAL	
*	DRILLED    JETTED      BORED    HAND DUG      OTHER (specify)	LOG OF S MATERIAL	FE		
*	DRILLEDJETTEDBOREDHAND DUGOTHER (specify) USE CODE:DOMESTICMUNICIPAL/PUBLIC	MATERIAL	FE		
*	DRILLEDJETTED BOREDHAND DUG OTHER (specify)	MATERIAL	FE	ET	
	Mathematical       JETTED         BORED       HAND DUG         OTHER (specify)       HAND DUG         USE CODE:       MUNICIPAL/PUBLIC         MUNICIPAL/PUBLIC       IRRIGATION         IRRIGATION       INDUSTRIAL         TEST/OBSERVATION       GEOTHERMAL		FE	ET	
	DRILLED    JETTED      BORED    HAND DUG      OTHER (specify)        USE CODE:    MUNICIPAL/PUBLIC      DOMESTIC    MUNICIPAL/PUBLIC      IRRIGATION    INDUSTRIAL	MATERIAL	FE	ET	
	DRILLEDJETTED     BOREDHAND DUG     OTHER (specify)  USE CODE:    DOMESTICMUNICIPAL/PUBLIC     IRRIGATIONINDUSTRIAL     TEST/OBSERVATIONGEOTHERMAL  TYPE OF CASING:    STEELPLASTIC	MATERIAL Bentonite TD-16 (Holeptyg) te	FROM 122 - 6	ET	
*	DRILLEDJETTED     BOREDHAND DUG     OTHER (specify)  USE CODE:    DOMESTICMUNICIPAL/PUBLIC     IRRIGATIONINDUSTRIAL     TEST/OBSERVATIONGEOTHERMAL  TYPE OF CASING:    STEELPLASTIC	MATERIAL	FROM 122 - 6	ET	
* SIZE	Market DRILLED       JETTED         BORED       HAND DUG         OTHER (specify)       HAND DUG         USE CODE:       MUNICIPAL/PUBLIC         IRRIGATION       INDUSTRIAL         TEST/OBSERVATION       GEOTHERMAL         TYPE OF CASING:       PLASTIC         CONCRETE       OTHER (specify)	MATERIAL Bentonite TD-16 (Holeptyg) te	FROM 122 - 6	ET	
* SIZE DEP WAS	▲ DRILLED       JETTED         BORED       HAND DUG         OTHER (specify)       HAND DUG         USE CODE:       MUNICIPAL/PUBLIC         IRRIGATION       INDUSTRIAL         TEST/OBSERVATION       GEOTHERMAL         TYPE OF CASING:       PLASTIC         CONCRETE       OTHER (specify)         COF CASING:       INCHES IN DIAMETER         TH OF WELL:       PEET DEEP         ANY CASING REMOVED?       YES_NO	MATERIAL Bentonite TD-16 (Holepting) te (Borrow 4.5	FROM 122 - 6	то -5	
* SIZE DEP WAS	DRILLEDJETTED BOREDHAND DUG OTHER (specify) USE CODE: DOMESTICMUNICIPAL/PUBLIC IRRIGATIONINDUSTRIAL TEST/OBSERVATIONGEOTHERMAL  TYPE OF CASING:PLASTIC CONCRETEPLASTIC CONCRETEPLASTIC OTHER (specify)  OF CASING:INCHES IN DIAMETER TH OF WELL: / 22 FEET DEEP ANY CASING REMOVED?YESNO If yes, length removed, in feet:	MATERIAL Bentonite TD-16 (Holepting) te (Borrow 4.5	FE FROM 122 -6 2; +) MATERIAL USED	то -5	
* SIZE DEP WAS	▲ DRILLED       JETTED         BORED       HAND DUG         OTHER (specify)       HAND DUG         USE CODE:       MUNICIPAL/PUBLIC         IRRIGATION       INDUSTRIAL         TEST/OBSERVATION       GEOTHERMAL         TYPE OF CASING:       PLASTIC         CONCRETE       OTHER (specify)         COF CASING:       INCHES IN DIAMETER         TH OF WELL:       PEET DEEP         ANY CASING REMOVED?       YES_NO	MATERIAL Bentonite TD-16 (Holepting) te (Borrow 4 & VOLUME OF N	FE FROM 122 -6 2; +) MATERIAL USED fe	то -5	



Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147 Main: 410-313-2640 | Fax: 410-313-2648 TDD 410-313-2323 | Toll Free 1-866-313-6300 www.hchealth.org Facebook: www.facebook.com/hocohealth Twitter: HowardCoHealthDep

#### Maura J. Rossman, M.D., Health Officer

August 23, 2013

Ronald Baire 10534 Burnside Farm Road Owings Mills, MD 21117

RE: **Replacement Well Sampling** 5790 Ten Oaks Road Well Permit # HO-95-2562

Dear Homeowner:

According to our records, your replacement well has been connected to the dwelling. We request that you contact the Community Hygiene Program at (410) 313-1773 to schedule initial water sampling for the above referenced replacement well, as required by the Maryland Well Construction Regulation (COMAR 26.04.04). This sampling includes testing for <u>bacteria</u>, <u>nitrates</u>, <u>turbidity</u>, and <u>sand</u>. There is currently no charge for the sampling and it is to your benefit to have it tested. <u>The existing well (pit well) needs to be sealed by a Well Driller licensed by the State of Maryland per COMAR 26.04.04.11. Documentation must be submitted by the driller to all appointed authorities that this task has been completed.</u>

Sampling of the new well should be collected from the primary indoor drinking tap, but if suitable scheduling is not possible, the sample may be taken from an outside tap to complete your sampling obligation. However, the potential for unsuccessful sample results increases when samples are collected from taps exposed to the outside environment.

If sampling has already been performed by an outside lab, please help us by forwarding the results of the samples to our office. If you have any further questions, you can call me at 410-313-2645. Otherwise, call Community Hygiene at 410-313-1773 to schedule or arrange for them to collect the subsequent water samples.

Sincerely,

the a. Walf REHS.

Kevin M. Wolf, R.S., R.E.H.S. Howard County Health Dept Groundwater Mgmt. Sec.

Cc: Community Hygiene Program File You will have <u>30 days</u> from the date of this letter to complete this task. Any delays after 30 days will place this into a Notice of Violation under COMAR 26.04.04.01A

If you have any questions on this matter please don't hesitate to contact me at 410-313-2645.

Sincerely, - p. Walf, R.S.

Kevin M. Wolf, R.S., R.E.H.S. Howard County Health Dept Groundwater Mgmt. Sec.

Cc: File



Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147 Main: 410-313-2640 | Fax: 410-313-2648 TDD 410-313-2323 | Toll Free 1-866-313-6300 www.hchealth.org Facebook: www.facebook.com/hocohealth Twitter: HowardCoHealthDep

#### Maura J. Rossman, M.D., Health Officer

November 1, 2013

Ronald Baire 10534 Burnside Farm Road Owings Mills, MD 21117

RE: **Replacement Well Issues** 5790 Ten Oaks Road Well Permit # HO-95-2562

## Dear Homeowner:

On October 22<sup>nd</sup>, 2013, our Community Hygiene Program came out to the above referenced address to gather a Potability sample for your replacement well (HO-95-2562) drilled back in early August. Upon this sampling inspection, the sanitarian had noticed several water lines protruding from the well head area and in and around the existing well pit where the new pressure tank resides.

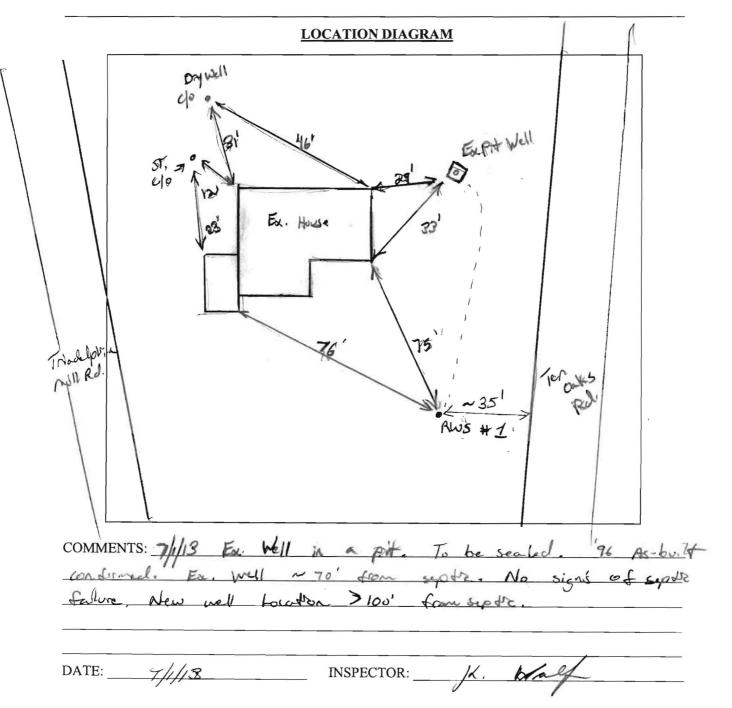
On October 31<sup>st</sup>, 2013 I made a site visit to the property to confirm the comments listed above. Findings on October 22<sup>nd</sup> were correct. What is your reasoning behind these additional well lines? I also saw that the existing pit well had not been sealed but was in fact abandoned/disconnected. We had discussed in the field back on July 1<sup>st</sup>, 2013 in a meeting with you, me and Easterday to locate your new replacement well and that your existing pit well was going to be sealed by a Licensed Well Driller. At this point you will need to either have the well sealed by a Maryland Licensed Well Driller or have the well put into use. If you are going to keep this well to place in use, you will need to bring it up to current regulation standards. This includes but not limited to:

- Removal of the pit and installing a 'pitless' adapter
- Removal of the jet pump (if installed) and installing a submersible pump.
- Casing needs to be extended above grade to a minimum of 8" above finish grade
- Approved 2-piece cap
- Well must be sampled and pass for bacteria standards

Of course, all this will need to be done by a licensed well driller or a licensed plumber and inspected by our office for completion.

## SITE INSPECTION SHEET

OWNER:	PHONE #:
ADDRESS: 5790 Ten Oaks Rd.	CONTRACTOR: Fasterday
	WELL TAG #: /
SUBDIVISION:LOT:	COUNTY #:
PROPOSAL: out of H20	



Water Sample Date: 10.22.13, Time: 11:00 a.m. Ho.95-25-25 W

5790 10 oaks road Clarksville, MD

Vell picture #1



Well picture #2



Water Sample Date: 10.22.13, Time: 11:00 a.m. 5790 10 oaks road Clarksville, MD

Well picture #3



# 10/31/13 @ 3:3pm.

Site MSP. made. Task a look @ the rep. well dilled by Fasterday's kink in July/Any of this year. Pietre shown above is continued. It does not appear this well the (witch said to me in the same ditch as the well the for the well) is hould up. No one was nome for me to ask this greater or worken anything. Appends as the owner is trying to to motell since indigation links. for D

->Aliso, Ex. pit well seens to be still in text.